APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(1)

City	Alice Springs	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		5	81	136		5	91	134								
(90)	2	40	2	18	120	178	2	18	142	179								
	3	40		13	94	138		13	122	139								
	1	42		2	45	111		2	56	111								
	2	42	2	14	110	174	2	14	124	174								
	3	42		7	85	133		7	111	136								
	1	44			25	88			26	88								
	2	44	1	11	101	162	1	11	112	162								
	3	44		5	79	132		5	102	134								
2070	1	40		3	67	156		3	86	160								
(91)	2	40	2	14	121	187	2	14	149	188								
	3	40		6	89	146		6	127	152								
	1	42		2	45	106		2	55	109								
	2	42	1	7	103	184	1	7	132	185								
	3	42		4	81	140		4	112	143								
	1	44			21	68			22	67								
	2	44		5	85	179		5	109	179								
	3	44		1	67	137		1	98	139								
2070	1	40		6	66	136		6	81	137								
(92)	2	40	3	19	115	180	3	19	143	181								
	3	40		6	85	131		6	120	136								
	1	42		2	35	106		2	42	106								
	2	42	2	14	102	174	2	14	133	175								
	3	42		5	75	127		5	110	130								
	1	44			22	80			22	80								
	2	44		14	86	154		14	116	157								
	3	44		3	66	124		3	94	126								
2070	1	40		2	71	135		2	95	137								
(93)	2	40		20	111	172		20	136	174								
	3	40		9	92	138		9	121	143								
	1	42			43	103			56	104								
	2	42		12	100	164		12	122	165								
	3	42		2	87	128		2	117	136								
	1	44			27	79			27	79								
	2	44		9	89	159		9	117	159								
	3	44		2	77	124		2	105	127								
2070	1	40	1	3	73	137	1	3	79	138								
(94)	2	40	1	26	121	170	1	26	139	172								
	3	40	1	12	93	142	1	12	117	144								
	1	42		1	53	109		1	59	109								
	2	42	1	15	104	162	1	15	118	163								
	3	42	1	9	85	139	1	9	104	140								
	1	44		1	32	82		1	33	82								
	2	44	1	9	89	154	1	9	97	155								
	3	44	1	6	81	134	1	6	92	136								
2070	1	40		6	58	123		6	78	129								
(95)	2	40	2	13	102	164	2	13	133	169								
	3	40	1	8	84	124	1	8	114	130								
	1	42		1	44	89		1	54	93								
	2	42	1	11	87	157	1	11	122	164								
	3	42		8	74	119		8	106	125								
	1	44		1	21	63		1	24	63								
	2	44	1	8	73	150	1	8	102	155								
	3	44		6	65	118		6	95	123								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(1)

City	Alice Springs	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		6	78	150		6	85	150								
(96)	2	40	3	24	127	192	3	24	150	193								
	3	40	3	15	101	149	3	15	124	150								
	1	42		3	53	118		3	58	119								
	2	42	3	16	115	187	3	16	134	189								
	3	42	2	14	95	148	2	14	117	149								
	1	44			31	84			33	85								
	2	44	1	13	100	178	1	13	113	181								
	3	44	1	11	86	143	1	11	105	144								
2070	1	40		2	67	131		2	101	142								
(97)	2	40		14	114	178		14	148	180								
	3	40		4	94	138		4	136	147								
	1	42			35	97			49	107								
	2	42		8	98	171		8	132	174								
	3	42		3	81	135		3	124	141								
	1	44			19	71			20	71								
	2	44		4	82	156		4	119	163								
	3	44		2	70	129		2	114	139								
2070	1	40	1	9	94	159	1	9	110	160								
(98)	2	40	5	21	140	175	5	21	161	176								
	3	40	1	11	111	156	1	11	141	159								
	1	42		5	57	132		5	66	133								
	2	42	3	18	126	173	3	18	150	173								
	3	42		8	104	153		8	133	155								
	1	44		1	29	102		1	30	102								
	2	44	2	16	110	170	2	16	128	171								
	3	44		5	99	151		5	126	152								
2070	1	40		1	80	141		1	98	141								
(99)	2	40	1	13	123	175	1	13	146	175								
	3	40		4	108	151		4	136	153								
	1	42		1	48	120		1	63	120								
	2	42	1	7	115	173	1	7	134	173								
	3	42		2	99	149		2	130	151								
	1	44			19	89			23	89								
	2	44	1	4	104	164	1	4	120	165								
	3	44		1	92	143		1	125	146								
2070	1	40		1	44	127		1	93	138								
(00)	2	40		8	95	163		8	148	170								
	3	40		4	71	138		4	134	147								
	1	42			23	79			43	88								
	2	42		6	76	160		6	140	169								
	3	42		3	62	131		3	127	141								
	1	44			10	48			14	51								
	2	44		4	63	147		4	129	160								
	3	44		1	56	127		1	121	138								
2070	1	40		2	44	95		2	83	105								
(01)	2	40	1	8	84	128	1	8	123	137								
	3	40		5	67	103		5	109	116								
	1	42		1	28	80		1	50	86								
	2	42	1	6	77	121	1	6	114	131								
	3	42		3	58	102		3	103	112								
	1	44		1	12	48		1	15	48								
	2	44	1	3	56	110	1	3	101	123								
	3	44		3	56	100		3	96	111								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(1a)

City	Alice Springs	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		14	90	174		14	97	80								
(90)	2	40	5	42	131	198	5	42	146	139								
	3	40		31	113	154		31	124	119								
	1	42		7	68	144		7	72	40								
	2	42	3	34	119	188	3	34	130	121								
	3	42		27	101	146		27	115	107								
	1	44		2	36	117		2	37	10								
	2	44	2	23	110	182	2	23	116	107								
	3	44		24	87	146		24	105	100								
2070	1	40		7	76	184		7	92	75								
(91)	2	40	2	39	145	202	2	39	158	142								
	3	40		25	106	166		25	129	124								
	1	42		4	55	164		4	63	31								
	2	42	2	28	123	199	2	28	143	124								
	3	42		21	93	162		21	118	108								
	1	44		2	29	118		2	30	4								
	2	44	1	20	101	193	1	20	118	103								
	3	44		15	85	157		15	108	96								
2070	1	40		14	81	174		14	91	65								
(92)	2	40	5	32	129	197	5	32	149	140								
	3	40		23	99	146		23	121	120								
	1	42		9	51	144		9	55	26								
	2	42	3	26	117	191	3	26	139	131								
	3	42		18	93	139		18	115	108								
	1	44		3	27	115		3	27	8								
	2	44	2	22	102	187	2	22	123	110								
	3	44		13	80	137		13	98	89								
2070	1	40		12	81	164		12	98	85								
(93)	2	40	1	40	128	191	1	40	145	135								
	3	40		24	96	155		24	121	121								
	1	42		5	59	145		5	65	39								
	2	42		30	113	182		30	126	121								
	3	42		19	94	151		19	119	115								
	1	44			32	111			32	3								
	2	44		26	100	176		26	118	113								
	3	44		14	90	146		14	109	99								
2070	1	40	1	15	82	162	1	15	86	59								
(94)	2	40	3	50	132	187	3	50	144	134								
	3	40	1	31	110	155	1	31	123	116								
	1	42		5	65	143		5	69	34								
	2	42	2	38	120	184	2	38	127	105								
	3	42	1	26	99	149	1	26	110	100								
	1	44		1	38	120		1	39	11								
	2	44	1	32	104	180	1	32	109	87								
	3	44	1	17	91	143	1	17	99	86								
2070	1	40	1	11	66	157	1	11	83	73								
(95)	2	40	5	44	116	186	5	44	137	132								
	3	40	3	26	95	141	3	26	116	114								
	1	42		6	50	131		6	58	39								
	2	42	3	32	103	182	3	32	125	120								
	3	42	1	19	89	137	1	19	109	106								
	1	44		2	32	102		2	34	5								
	2	44	1	21	87	171	1	21	107	94								
	3	44	1	16	74	132	1	16	95	93								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(1a)

City	Alice Springs	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		16	86	187		16	89	67								
(96)	2	40	4	49	143	207	4	49	156	143								
	3	40	4	32	118	172	4	32	130	122								
	1	42		9	69	163		9	72	38								
	2	42	3	37	127	201	3	37	140	125								
	3	42	3	27	106	166	3	27	121	113								
	1	44		3	37	126		3	39	7								
	2	44	3	30	115	197	3	30	121	100								
	3	44	3	22	98	158	3	22	107	98								
2070	1	40		8	79	170		8	109	91								
(97)	2	40	1	32	130	193	1	32	152	148								
	3	40	1	21	107	161	1	21	136	136								
	1	42		4	49	140		4	61	36								
	2	42		24	115	189		24	137	132								
	3	42	1	15	100	157	1	15	127	124								
	1	44			27	108			28	4								
	2	44		17	96	184		17	121	112								
	3	44		8	87	150		8	118	112								
2070	1	40	1	18	103	172	1	18	115	93								
(98)	2	40	8	57	155	182	8	57	167	159								
	3	40	1	37	128	167	1	37	144	141								
	1	42		12	74	165		12	79	48								
	2	42	6	39	141	180	6	39	156	146								
	3	42	1	28	119	163	1	28	135	133								
	1	44		5	42	139		5	43	14								
	2	44	3	29	125	177	3	29	137	124								
	3	44	1	22	110	158	1	22	127	125								
2070	1	40		7	92	173		7	104	88								
(99)	2	40	1	43	135	195	1	43	148	146								
	3	40	1	25	115	171	1	25	137	136								
	1	42		2	62	148		2	71	47								
	2	42	1	29	123	189	1	29	136	133								
	3	42		14	110	166		14	132	129								
	1	44		1	30	123		1	33	10								
	2	44	1	19	115	177	1	19	124	114								
	3	44		9	105	161		9	126	122								
2070	1	40		6	50	160		6	96	84								
(00)	2	40		20	123	176		20	152	147								
	3	40		12	97	151		12	135	134								
	1	42		1	36	138		1	53	36								
	2	42		12	96	172		12	142	140								
	3	42		9	82	147		9	128	127								
	1	44			13	94			17	7								
	2	44		10	76	165		10	133	128								
	3	44		7	66	143		7	121	121								
2070	1	40	1	6	49	121	1	6	83	81								
(01)	2	40	2	28	93	143	2	28	124	123								
	3	40	1	14	82	114	1	14	109	109								
	1	42		3	32	100		3	51	40								
	2	42	1	21	85	139	1	21	114	113								
	3	42	1	11	73	109	1	11	103	103								
	1	44		1	22	84		1	24	7								
	2	44	1	12	77	133	1	12	104	100								
	3	44		8	62	108		8	97	96								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(2)

City	Alice Springs	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	15	113	176	2	15	130	177								
(90)	2	40	10	43	160	199	10	43	185	201							2	2
	3	40	3	33	130	154	3	33	146	156							3	3
	1	42		8	88	148		8	104	147								
	2	42	6	35	143	189	6	35	171	189								
	3	42	3	27	125	148	3	27	143	152								
	1	44		3	58	117		3	71	117								
	2	44	4	26	130	184	4	26	157	184								
	3	44	1	24	120	146	1	24	135	147								
2070	1	40	1	7	107	185	1	7	133	186								
(91)	2	40	5	40	176	202	5	40	191	207								
	3	40	1	25	134	166	1	25	157	173								
	1	42		4	72	168		4	96	169								
	2	42	3	29	160	199	3	29	184	204								
	3	42	1	21	123	163	1	21	148	172								
	1	44		2	51	121		2	66	126								
	2	44	2	21	138	195	2	21	170	198								
	3	44		18	115	159		18	144	167								
2070	1	40	2	15	104	175	2	15	134	176								
(92)	2	40	13	33	152	197	13	33	182	197								
	3	40	3	23	120	146	3	23	140	153								
	1	42		10	75	145		10	94	147								
	2	42	9	27	141	192	9	27	174	193								
	3	42	2	18	114	140	2	18	138	147								
	1	44		3	45	117		3	53	117								
	2	44	4	22	128	187	4	22	157	187								
	3	44	1	15	107	137	1	15	136	145								
2070	1	40		15	103	165		15	124	166								
(93)	2	40	8	42	154	191	9	43	174	192					1	1	1	1
	3	40	1	25	117	157	1	25	139	156							1	1
	1	42		5	79	147		5	104	147								
	2	42	4	31	143	184	5	32	165	185							1	1
	3	42		20	110	153		20	134	153							1	1
	1	44			53	113			68	113								
	2	44		26	121	177		26	154	180							1	1
	3	44		14	105	148		14	130	149								
2070	1	40	1	15	108	165	1	15	120	166								
(94)	2	40	8	52	150	187	8	52	165	189							1	1
	3	40	2	32	133	155	2	32	144	156							1	1
	1	42	1	5	81	144	1	5	88	146								
	2	42	5	38	143	184	5	38	157	186								
	3	42	1	27	128	150	1	27	137	151								
	1	44		2	60	120		2	66	120								
	2	44	3	33	129	180	3	33	147	182								
	3	44	1	19	120	145	1	19	135	147								
2070	1	40	1	11	88	157	1	11	123	164								
(95)	2	40	7	44	145	186	7	44	176	187								
	3	40	5	27	111	141	5	27	137	149								
	1	42	1	6	63	135	1	6	93	141								
	2	42	6	32	129	183	6	32	168	184								
	3	42	5	19	109	138	5	19	132	147								
	1	44		3	48	103		3	61	108								
	2	44	5	21	112	171	5	21	151	176								
	3	44	4	16	102	133	4	16	127	142								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(2)

City	Alice Springs	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	17	118	188	3	17	135	189								
(96)	2	40	11	50	176	208	11	50	194	208								
	3	40	6	33	138	172	6	33	153	172								
	1	42		9	85	167		9	95	168								
	2	42	8	37	159	203	8	37	183	203								
	3	42	5	28	132	167	5	28	150	167								
	1	44		3	65	126		3	73	127								
	2	44	4	31	134	197	4	31	163	197								
	3	44	4	23	123	160	4	23	144	160								
2070	1	40		8	99	172		8	134	175								
(97)	2	40	4	32	156	193	4	32	185	196								
	3	40	1	21	126	162	1	21	159	172								
	1	42		4	76	140		4	112	151								
	2	42	4	25	138	189	4	25	177	192								
	3	42	1	16	123	158	1	16	152	168								
	1	44			47	111			68	119								
	2	44	1	19	124	185	1	19	167	188								
	3	44	1	8	115	154	1	8	144	160								
2070	1	40	5	18	129	173	5	18	152	173								
(98)	2	40	15	57	170	182	15	57	179	183							1	1
	3	40	4	37	148	167	4	37	166	171							2	2
	1	42	1	13	100	167	1	13	121	167								
	2	42	12	42	162	180	12	42	176	180								
	3	42	4	29	139	163	4	29	163	168								
	1	44		6	68	140		6	75	140								
	2	44	7	31	151	179	7	31	170	179								
	3	44	2	24	128	160	2	24	157	163								
2070	1	40	1	7	119	173	1	7	135	173								
(99)	2	40	4	47	163	195	4	47	184	196							2	2
	3	40	1	28	136	171	1	28	158	172							1	1
	1	42		2	88	150		2	106	151								
	2	42	2	30	147	190	2	30	178	190							1	1
	3	42	1	16	129	167	1	16	154	167								
	1	44		1	55	123		1	73	123								
	2	44	1	19	131	179	1	19	160	179								
	3	44	1	9	122	163	1	9	150	165								
2070	1	40		6	79	161		6	140	169								
(00)	2	40	3	21	147	176	3	21	180	182								
	3	40		13	118	151		13	161	165								
	1	42		2	47	138		2	113	150								
	2	42	1	13	135	173	1	13	171	181								
	3	42		11	114	149		11	156	163								
	1	44			31	95			63	105								
	2	44		10	111	166		10	160	172								
	3	44		7	100	144		7	144	156								
2070	1	40	1	6	80	124	1	6	115	133								
(01)	2	40	3	28	110	145	3	28	146	153							1	1
	3	40	3	14	96	114	3	14	127	127							1	1
	1	42	1	3	48	102	1	3	90	112								
	2	42	3	23	97	139	3	23	139	146								
	3	42	1	12	91	109	1	12	123	124							1	1
	1	44		1	31	85		1	65	93								
	2	44	2	13	92	134	2	13	129	141								
	3	44	1	8	85	109	1	8	116	121								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(2a)

City	Alice Springs	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	35	121	188	3	35	134	125								
(90)	2	40	14	83	176	220	14	83	186	185							2	2
	3	40	5	59	134	171	5	59	146	146							3	3
	1	42	1	16	101	177	1	16	110	94								
	2	42	11	75	162	210	11	75	173	171								
	3	42	4	55	131	165	4	55	143	143								
	1	44		10	76	157		10	82	53								
	2	44	7	55	143	202	7	55	159	157								
	3	44	3	46	129	162	3	46	135	135								
2070	1	40	2	29	128	199	2	29	145	125								
(91)	2	40	7	63	184	220	7	63	192	191								
	3	40	2	41	139	179	2	41	158	157								
	1	42	1	12	90	186	1	12	103	87								
	2	42	5	56	176	214	5	56	186	183								
	3	42	1	35	135	176	1	35	149	148								
	1	44		5	61	176		5	73	47								
	2	44	3	46	160	208	3	46	174	169								
	3	44	1	30	131	173	1	30	146	144								
2070	1	40	4	27	120	192	4	27	141	133								
(92)	2	40	14	74	173	204	14	74	184	182								
	3	40	4	41	126	160	4	41	141	140								
	1	42		17	90	180		17	101	81								
	2	42	14	57	153	201	14	57	175	174								
	3	42	3	37	122	156	3	37	138	138								
	1	44		13	58	152		13	62	38								
	2	44	9	44	141	199	9	44	157	154								
	3	44	3	28	117	154	3	28	136	136								
2070	1	40		32	114	184		32	127	123								
(93)	2	40	10	77	164	207	11	78	174	174					1	1	1	1
	3	40	2	58	126	173	2	58	140	139							1	1
	1	42		16	93	171		16	107	94								
	2	42	8	64	156	204	9	65	166	165							1	1
	3	42	1	47	119	169	1	47	136	133							1	1
	1	44		8	65	154		8	77	59								
	2	44	4	52	143	195	4	52	158	148							1	1
	3	44		41	115	166		41	131	128								
2070	1	40	2	38	123	184	2	38	131	109								
(94)	2	40	12	78	162	200	12	78	168	165							1	1
	3	40	6	64	137	169	6	64	144	144							1	1
	1	42	1	22	93	167	1	22	99	78								
	2	42	9	70	152	194	9	70	161	154								
	3	42	5	57	134	169	5	57	139	137								
	1	44	1	8	71	149	1	8	75	46								
	2	44	5	60	143	191	5	60	153	147								
	3	44	1	44	133	168	1	44	137	134								
2070	1	40	4	32	105	183	4	32	125	120								
(95)	2	40	10	62	156	205	10	62	176	176								
	3	40	6	53	118	156	6	53	137	137								
	1	42	1	13	75	162	1	13	99	85								
	2	42	7	55	150	196	7	55	171	167								
	3	42	5	42	114	152	5	42	133	132								
	1	44		7	55	145		7	66	50								
	2	44	6	48	129	192	6	48	156	150								
	3	44	5	37	109	149	5	37	127	127								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(2a)

City	Alice Springs	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	37	129	202	3	37	140	125								
(96)	2	40	16	83	188	222	16	83	196	193								
	3	40	12	61	144	185	12	61	153	153								
	1	42	1	22	103	192	1	22	107	82								
	2	42	11	75	177	218	11	75	187	183								
	3	42	9	57	141	184	9	57	150	150								
	1	44		11	76	175		11	81	47								
	2	44	8	65	158	212	8	65	170	163								
	3	44	6	49	136	181	6	49	147	144								
2070	1	40	1	25	116	189	1	25	137	134								
(97)	2	40	6	67	171	210	6	67	185	185								
	3	40	2	47	132	182	2	47	159	159								
	1	42		12	84	175		12	114	103								
	2	42	4	55	156	202	4	55	178	177								
	3	42	1	41	129	177	1	41	152	152								
	1	44		4	61	153		4	78	52								
	2	44	4	39	137	199	4	39	167	167								
	3	44	1	35	125	174	1	35	144	144								
2070	1	40	6	42	142	180	6	42	157	147								
(98)	2	40	17	99	173	200	17	99	179	179							1	1
	3	40	6	83	152	175	6	83	166	166							2	2
	1	42	2	21	114	174	2	21	127	108								
	2	42	15	82	170	194	15	82	176	176								
	3	42	4	66	150	175	4	66	163	163								
	1	44	1	15	84	169	1	15	89	61								
	2	44	12	66	162	188	12	66	172	170								
	3	44	4	52	144	173	4	52	159	157								
2070	1	40	1	30	125	190	1	30	137	134								
(99)	2	40	5	87	172	204	5	87	184	184							2	2
	3	40	1	63	144	184	1	63	159	158							1	1
	1	42	1	13	105	175	1	13	113	98								
	2	42	4	73	164	198	4	73	178	177							1	1
	3	42	1	54	139	181	1	54	154	153								
	1	44		4	75	163		4	83	59								
	2	44	2	55	147	198	2	55	161	160								
	3	44	1	42	133	177	1	42	151	150								
2070	1	40		13	101	173		13	142	140								
(00)	2	40	5	47	160	187	5	47	180	180								
	3	40	1	38	128	163	1	38	161	161								
	1	42		8	64	163		8	117	109								
	2	42	3	39	148	184	3	39	171	171								
	3	42		33	122	159		33	156	156								
	1	44		3	40	146		3	70	54								
	2	44	1	29	135	179	1	29	162	160								
	3	44		23	118	156		23	144	144								
2070	1	40	1	23	86	139	1	23	115	114								
(01)	2	40	6	47	122	164	6	47	146	146							1	1
	3	40	3	36	101	133	3	36	127	127							1	1
	1	42	1	8	62	128	1	8	92	89								
	2	42	3	41	109	158	3	41	139	139								
	3	42	3	31	96	131	3	31	123	123							1	1
	1	44		3	43	109		3	69	58								
	2	44	3	30	97	151	3	30	129	129								
	3	44	2	25	96	125	2	25	117	116								

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(Predicted dangerous days for projected 2070 conditions)

Table - 4(3)

City	Alice Springs	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	15	114	177	2	15	133	178								
(90)	2	40	11	44	164	200	11	44	189	204							2	2
	3	40	3	36	130	154	3	36	146	156							3	3
	1	42		8	90	152		8	108	150								
	2	42	7	37	148	193	7	37	172	193								
	3	42	3	27	128	150	3	27	143	153								
	1	44		3	66	122		3	76	122								
	2	44	5	28	132	187	5	28	160	187								
	3	44	2	25	124	146	2	25	139	148								
2070	1	40	2	8	111	186	2	8	141	187								
(91)	2	40	5	42	179	205	5	42	194	210								
	3	40	1	25	135	167	1	25	159	175								
	1	42		4	76	173		4	101	174								
	2	42	4	32	164	200	4	32	185	205								
	3	42	1	23	131	164	1	23	153	173								
	1	44		2	55	128		2	68	132								
	2	44	2	23	144	195	2	23	176	199								
	3	44		20	118	160		20	147	169								
2070	1	40	2	17	111	176	2	17	138	177								
(92)	2	40	14	39	154	198	14	39	184	198								
	3	40	3	23	121	148	3	23	144	156								
	1	42		11	81	148		11	102	151								
	2	42	10	30	144	193	10	30	176	194								
	3	42	3	20	116	141	3	20	138	148								
	1	44		4	49	122		4	61	122								
	2	44	5	22	128	189	5	22	160	189								
	3	44	1	16	109	139	1	16	137	145								
2070	1	40		16	104	167		16	127	169								
(93)	2	40	9	44	160	191	10	45	180	194					1	1	1	1
	3	40	1	31	119	157	2	32	142	156							1	1
	1	42		5	81	149		5	110	149								
	2	42	5	34	145	186	6	35	166	187					1	1	1	1
	3	42		20	115	156		20	137	155							1	1
	1	44			57	117			71	117								
	2	44	1	27	127	178	1	27	160	181							1	1
	3	44		15	106	152		15	132	152							1	1
2070	1	40	1	16	110	167	1	16	124	168								
(94)	2	40	9	53	155	189	9	53	170	191							1	1
	3	40	4	32	134	158	4	32	145	159							2	2
	1	42	1	7	83	148	1	7	92	150								
	2	42	5	41	144	185	5	41	160	187								
	3	42	1	28	131	151	1	28	142	152								
	1	44		3	62	123		3	67	123								
	2	44	3	35	131	181	3	35	149	183								
	3	44	1	22	126	145	1	22	135	147								
2070	1	40	1	12	92	159	1	12	124	165								
(95)	2	40	8	45	150	189	8	45	179	192								
	3	40	5	31	114	142	5	31	139	151							1	1
	1	42	1	7	66	140	1	7	98	146								
	2	42	6	34	132	183	6	34	171	184								
	3	42	5	23	110	139	5	23	133	147								
	1	44		4	50	106		4	63	112								
	2	44	5	24	115	173	5	24	157	178								
	3	44	4	16	102	134	4	16	129	144								

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(Predicted dangerous days for projected 2070 conditions)

Table - 4(3)

City	Alice Springs	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	19	122	189	3	19	140	190								
(96)	2	40	13	58	179	209	13	58	195	209							1	1
	3	40	8	37	139	173	8	37	154	173								
	1	42		9	86	172		9	97	174								
	2	42	9	38	164	204	9	38	186	204								
	3	42	6	28	134	170	6	28	152	170								
	1	44		3	68	129		3	78	130								
	2	44	4	31	141	200	4	31	169	200								
	3	44	5	24	126	162	5	24	149	164								
2070	1	40		9	106	173		9	140	177								
(97)	2	40	4	34	159	194	4	34	187	198								
	3	40	1	24	127	165	1	24	162	176								
	1	42		4	79	147		4	116	156								
	2	42	4	29	144	192	4	29	180	194								
	3	42	1	17	125	158	1	17	155	168								
	1	44		1	49	115		1	78	122								
	2	44	1	20	129	185	1	20	171	188								
	3	44	1	10	119	154	1	10	146	162								
2070	1	40	5	20	133	173	5	20	153	173								
(98)	2	40	16	57	171	185	16	57	179	186							3	3
	3	40	4	39	149	168	4	39	167	171							3	3
	1	42	1	15	103	168	1	15	122	169								
	2	42	13	43	166	180	13	43	176	180								
	3	42	4	31	144	164	4	31	166	170							1	1
	1	44		7	73	142		7	80	142								
	2	44	8	34	153	179	8	34	172	179								
	3	44	2	24	132	162	2	24	160	166								
2070	1	40	1	10	121	174	1	10	138	174								
(99)	2	40	4	49	164	196	4	49	185	197							2	2
	3	40	1	29	138	171	1	29	162	172							3	3
	1	42		2	92	157		2	109	158								
	2	42	2	32	148	191	2	32	179	191							1	1
	3	42	1	23	132	167	1	23	156	167							1	1
	1	44		1	61	126		1	81	126								
	2	44	1	22	132	182	1	22	165	183								
	3	44	1	10	124	165	1	10	151	166								
2070	1	40		6	83	162		6	141	169								
(00)	2	40	4	24	148	177	4	24	180	183							3	3
	3	40		14	122	151		14	162	166							1	1
	1	42		3	52	142		3	118	155								
	2	42	1	14	139	174	1	14	172	182								
	3	42		12	117	149		12	157	164								
	1	44			35	101			72	110								
	2	44		10	122	168		10	163	174								
	3	44		9	106	145		9	147	158								
2070	1	40	1	6	80	125	1	6	119	134								
(01)	2	40	3	28	111	147	3	28	146	154							1	1
	3	40	3	16	96	116	3	16	127	128							1	1
	1	42	1	3	49	105	1	3	93	115								
	2	42	3	23	100	140	3	23	140	147								
	3	42	1	13	96	110	1	13	123	124							1	1
	1	44		2	31	86		2	68	94								
	2	44	2	15	93	136	2	15	131	144								
	3	44	1	10	87	109	1	10	119	122								

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(Predicted dangerous days for projected 2070 conditions)

Table - 4(3a)

City	Alice Springs	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	4	37	127	192	4	37	139	128								
(90)	2	40	14	87	177	220	14	87	190	189							2	2
	3	40	7	64	134	175	7	64	146	146							3	3
	1	42	2	18	104	178	2	18	112	99								
	2	42	12	77	167	214	12	77	174	172								
	3	42	5	55	134	166	5	55	144	143								
	1	44		11	78	162		11	85	57								
	2	44	7	61	148	205	7	61	164	160								
	3	44	3	49	129	163	3	49	139	139								
2070	1	40	2	33	132	200	2	33	148	133								
(91)	2	40	7	67	185	221	7	67	195	193								
	3	40	4	42	140	180	4	42	160	159								
	1	42	1	14	90	189	1	14	106	91								
	2	42	5	59	180	215	5	59	188	185								
	3	42	1	36	136	176	1	36	154	153								
	1	44		5	64	179		5	75	50								
	2	44	4	49	164	208	4	49	181	176								
	3	44	1	31	133	174	1	31	148	147								
2070	1	40	4	30	123	193	4	30	143	135								
(92)	2	40	14	78	174	205	14	78	186	184								
	3	40	5	43	126	161	5	43	144	144								
	1	42		20	95	180		20	108	92								
	2	42	14	62	158	202	14	62	178	176								
	3	42	3	38	123	157	3	38	138	138								
	1	44		14	64	154		14	72	44								
	2	44	10	47	144	199	10	47	162	159								
	3	44	3	28	118	154	3	28	137	137								
2070	1	40		34	118	186		34	133	126								
(93)	2	40	12	78	166	208	13	79	180	180					1	1	1	1
	3	40	2	61	127	174	3	62	143	142							1	1
	1	42		21	95	172		21	113	101								
	2	42	9	67	161	205	10	68	168	166					1	1	1	1
	3	42	1	50	124	171	1	50	138	137							1	1
	1	44		9	68	159		9	79	59								
	2	44	5	55	145	197	5	55	162	153							1	1
	3	44		43	117	167		43	134	130							1	1
2070	1	40	3	42	124	185	3	42	134	115								
(94)	2	40	15	81	164	202	15	81	171	169							1	1
	3	40	9	67	138	171	9	67	145	145							2	2
	1	42	1	27	98	171	1	27	103	84								
	2	42	9	72	156	195	9	72	165	158								
	3	42	5	60	135	169	5	60	142	142								
	1	44	1	9	72	154	1	9	76	47								
	2	44	5	62	144	193	5	62	155	148								
	3	44	2	47	133	168	2	47	137	135								
2070	1	40	5	34	109	183	5	34	127	121								
(95)	2	40	11	63	157	208	11	63	179	179								
	3	40	7	56	118	159	7	56	139	139							1	1
	1	42	1	14	79	164	1	14	104	89								
	2	42	8	55	151	196	8	55	172	171								
	3	42	6	43	115	154	6	43	133	133								
	1	44		8	55	150		8	67	54								
	2	44	6	50	132	193	6	50	161	155								
	3	44	5	38	109	149	5	38	129	129								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(3a)

City	Alice Springs	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	4	38	131	203	4	38	144	128								
(96)	2	40	16	84	189	222	16	84	196	194							1	1
	3	40	14	64	147	186	14	64	155	154								
	1	42	1	24	107	194	1	24	112	86								
	2	42	14	76	182	219	14	76	190	185								
	3	42	10	59	143	184	10	59	152	152								
	1	44		13	77	178		13	83	53								
	2	44	9	68	164	216	9	68	176	169								
	3	44	6	51	138	182	6	51	150	149								
2070	1	40	1	29	120	192	1	29	143	139								
(97)	2	40	8	68	171	212	8	68	187	187								
	3	40	3	50	134	185	3	50	162	162								
	1	42		14	87	178		14	116	107								
	2	42	4	57	161	205	4	57	180	180								
	3	42	2	41	131	178	2	41	156	155								
	1	44		4	64	156		4	86	64								
	2	44	4	42	142	200	4	42	172	171								
	3	44	1	38	126	175	1	38	146	146								
2070	1	40	7	43	146	180	7	43	159	149								
(98)	2	40	18	101	173	200	18	101	179	179							3	3
	3	40	7	85	152	176	7	85	167	167							3	3
	1	42	2	21	115	174	2	21	128	115								
	2	42	16	87	172	194	16	87	176	176								
	3	42	5	72	150	175	5	72	166	166							1	1
	1	44	1	16	91	170	1	16	96	66								
	2	44	13	73	166	188	13	73	174	172								
	3	44	4	56	146	175	4	56	161	160								
2070	1	40	1	32	127	191	1	32	140	136								
(99)	2	40	7	88	173	205	7	88	185	185							2	2
	3	40	2	68	148	186	2	68	164	162							3	3
	1	42	1	13	108	176	1	13	117	102								
	2	42	4	78	165	200	4	78	179	178							1	1
	3	42	1	56	143	183	1	56	156	156							1	1
	1	44		4	78	164		4	88	66								
	2	44	2	59	148	198	2	59	166	165								
	3	44	1	44	136	178	1	44	152	151								
2070	1	40		14	103	174		14	145	141								
(00)	2	40	6	47	160	188	6	47	180	180							3	3
	3	40	2	41	129	165	2	41	162	162							1	1
	1	42		8	66	164		8	120	113								
	2	42	4	43	149	185	4	43	172	172								
	3	42		34	124	160		34	157	157								
	1	44		4	43	147		4	76	63								
	2	44	1	33	139	180	1	33	165	163								
	3	44		26	118	157		26	147	147								
2070	1	40	2	23	88	140	2	23	121	119								
(01)	2	40	6	48	124	168	6	48	146	146							1	1
	3	40	3	37	102	134	3	37	127	127							1	1
	1	42	1	8	67	128	1	8	95	92								
	2	42	3	43	110	159	3	43	140	140								
	3	42	3	34	98	131	3	34	123	123							1	1
	1	44		3	43	110		3	71	62								
	2	44	3	31	100	152	3	31	133	131								
	3	44	3	26	96	125	3	26	120	119								

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(Predicted dangerous days for projected 2070 conditions)

Table - 4(4)

City	Alice Springs	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	42	108	198	231	43	108	222	232	1	1	2	2	15	15	75	75
(90)	2	40	99	156	226	249	100	152	243	250	46	77	57	88	93	118	144	183
	3	40	71	134	180	209	84	133	207	216	49	92	60	106	90	137	143	202
	1	42	21	84	184	220	20	83	205	223					1	1	24	24
	2	42	81	137	218	242	86	136	238	244	25	33	39	51	68	84	119	135
	3	42	59	125	173	204	70	124	201	210	35	70	45	81	73	108	117	165
	1	44	13	53	170	202	13	53	192	205							4	4
	2	44	71	127	208	239	71	126	231	239	9	9	21	22	45	47	106	109
	3	44	52	115	168	199	62	114	200	206	20	39	33	52	57	83	106	137
2070	1	40	39	100	203	233	39	100	223	236	2	2	5	5	14	14	62	62
(91)	2	40	81	174	225	253	97	181	251	256	43	71	61	88	90	118	152	195
	3	40	51	135	185	219	78	143	214	222	43	92	60	110	86	149	141	213
	1	42	20	63	192	220	19	62	213	225					1	1	15	15
	2	42	70	159	220	250	80	162	245	252	27	31	35	40	65	80	129	155
	3	42	45	122	179	209	70	129	210	216	38	66	43	82	71	111	126	185
	1	44	5	44	183	208	5	44	198	215							1	1
	2	44	61	134	212	242	63	135	241	248	13	13	21	21	40	42	101	104
	3	44	40	111	177	206	58	115	204	213	27	35	36	47	53	78	108	148
2070	1	40	32	101	197	215	31	101	208	216			1	1	10	10	50	50
(92)	2	40	87	153	206	230	91	151	229	235	33	50	46	72	79	112	143	182
	3	40	51	120	161	193	71	125	197	200	39	83	53	103	75	137	138	194
	1	42	21	74	183	204	21	74	198	207							16	16
	2	42	72	140	204	224	74	139	223	229	19	24	29	33	53	62	132	142
	3	42	42	110	159	189	53	114	192	197	26	47	34	64	57	104	120	162
	1	44	14	44	163	199	14	44	188	200							1	1
	2	44	56	127	199	222	54	126	216	225	2	2	14	14	29	30	96	98
	3	44	35	101	156	185	42	103	189	194	12	21	25	38	46	65	101	134
2070	1	40	39	100	191	219	39	100	212	221	1	1	2	2	7	7	69	69
(93)	2	40	84	151	209	225	98	151	227	230	51	71	66	89	96	115	140	178
	3	40	64	118	176	204	91	122	212	214	58	102	68	110	91	130	134	211
	1	42	21	77	174	207	22	78	201	211	1	1	1	1	1	1	15	15
	2	42	73	140	206	223	84	140	223	225	22	26	40	50	71	81	120	130
	3	42	57	104	173	202	78	111	207	212	38	65	52	82	80	111	126	171
	1	44	9	51	164	194	10	52	183	198					1	1	1	1
	2	44	62	119	202	221	65	120	217	223	8	8	15	15	44	46	106	108
	3	44	46	98	169	199	65	104	196	205	23	33	37	53	64	82	113	132
2070	1	40	47	105	187	215	47	104	197	216	1	1	1	1	17	17	56	56
(94)	2	40	87	150	203	226	90	152	225	230	33	64	47	80	72	104	141	175
	3	40	69	133	172	196	76	135	190	198	38	89	50	101	69	139	130	200
	1	42	30	78	176	200	30	78	189	202					1	1	21	21
	2	42	78	140	198	222	81	141	216	224	25	33	28	43	54	70	106	135
	3	42	64	127	169	193	72	129	187	196	26	63	36	76	57	102	107	172
	1	44	10	59	157	191	10	59	171	193							2	2
	2	44	69	127	194	220	69	125	210	221	8	9	23	23	37	42	87	89
	3	44	55	114	169	192	61	116	183	195	21	36	25	46	49	74	90	138
2070	1	40	39	86	185	217	40	86	215	221	1	1	3	3	10	10	67	67
(95)	2	40	68	142	212	232	87	150	235	237	47	69	61	79	87	108	136	170
	3	40	58	113	162	192	77	125	202	207	50	86	62	102	87	129	137	193
	1	42	19	62	167	205	19	62	197	209					1	1	20	20
	2	42	59	124	201	228	71	130	233	233	32	38	42	52	65	73	119	128
	3	42	49	105	156	187	70	116	199	204	37	66	48	73	74	103	120	162
	1	44	8	48	152	191	8	48	180	194							1	1
	2	44	51	110	196	226	59	114	226	229	14	14	23	23	46	47	95	97
	3	44	40	98	152	183	56	107	189	195	27	46	36	55	60	75	105	127

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(Predicted dangerous days for projected 2070 conditions)

Table - 4(4)

City	Alice Springs	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	43	113	207	237	45	113	228	241	1	1	3	3	9	9	56	56
(96)	2	40	91	174	225	251	93	173	246	254	39	68	50	85	72	115	147	197
	3	40	68	138	186	215	77	139	210	220	37	95	50	104	77	146	136	214
	1	42	27	82	197	222	27	82	212	224							26	26
	2	42	78	156	221	247	81	155	240	248	23	34	34	41	54	70	123	142
	3	42	59	129	184	211	70	129	207	216	25	62	37	80	57	104	124	185
	1	44	15	65	186	213	15	65	200	214							2	2
	2	44	69	132	218	244	71	132	235	245	5	5	14	14	40	40	90	96
	3	44	56	122	184	208	62	122	207	213	18	33	24	45	49	77	101	142
2070	1	40	36	94	193	219	35	93	214	223	7	7	7	7	19	19	78	78
(97)	2	40	83	150	214	235	109	160	234	240	60	78	79	102	102	127	155	185
	3	40	56	128	186	211	102	143	209	216	69	106	84	125	108	146	154	211
	1	42	17	67	186	210	16	66	200	214							20	20
	2	42	70	132	205	231	86	142	229	235	38	42	50	54	84	95	137	145
	3	42	50	118	182	207	89	134	207	213	56	80	66	96	98	125	138	181
	1	44	5	39	169	197	5	39	189	201								
	2	44	57	121	201	228	63	124	225	232	20	20	27	27	48	48	113	116
	3	44	40	108	177	204	74	120	203	209	40	47	55	67	78	99	126	146
2070	1	40	51	125	182	213	50	124	213	220	1	1	5	5	22	22	79	79
(98)	2	40	110	171	202	236	119	172	238	243	55	78	79	105	111	136	168	185
	3	40	87	148	176	196	108	154	210	212	67	119	78	129	109	162	163	203
	1	42	26	99	177	200	26	99	198	207					1	1	31	31
	2	42	98	161	197	228	105	163	230	237	36	40	49	56	83	93	145	157
	3	42	80	137	175	195	94	143	204	208	51	76	63	100	91	131	154	184
	1	44	17	64	172	188	17	64	182	190							7	7
	2	44	76	150	190	223	82	151	225	231	16	17	28	28	52	52	120	120
	3	44	62	128	175	195	75	132	200	205	36	47	49	56	72	100	139	160
2070	1	40	40	114	195	220	41	114	209	222	2	2	5	5	17	17	76	76
(99)	2	40	94	159	209	240	103	160	237	245	57	77	68	91	100	121	156	185
	3	40	73	138	186	212	97	143	214	221	64	109	75	122	105	149	155	216
	1	42	16	87	176	204	16	87	197	206					2	2	28	28
	2	42	85	144	202	231	90	144	228	237	33	35	47	51	75	83	134	141
	3	42	62	125	183	209	80	128	208	216	46	70	60	90	91	123	140	182
	1	44	5	53	169	197	5	53	186	198							2	2
	2	44	65	128	198	227	72	128	220	231	19	19	26	26	52	52	106	108
	3	44	50	117	181	203	72	120	205	210	33	42	46	57	70	87	127	146
2070	1	40	17	74	176	197	22	77	203	205	8	8	10	10	17	17	74	74
(00)	2	40	54	144	194	215	104	163	220	225	70	81	90	99	116	132	167	190
	3	40	47	122	170	187	112	150	207	207	90	118	102	129	130	162	172	207
	1	42	10	47	165	187	11	48	192	197	1	1	1	1	2	2	18	18
	2	42	45	132	186	210	78	146	214	220	44	45	57	58	94	96	153	160
	3	42	37	109	164	182	92	135	203	203	68	84	84	105	111	131	162	189
	1	44	4	29	155	178	4	29	180	183							3	3
	2	44	37	109	181	204	59	120	210	214	23	23	32	32	55	55	128	128
	3	44	33	96	159	180	71	115	198	198	53	55	65	70	94	103	148	162
2070	1	40	27	78	144	178	29	77	181	190	1	1	4	4	20	20	75	75
(01)	2	40	53	111	170	203	93	129	210	217	74	84	86	92	103	110	144	157
	3	40	41	98	137	162	98	123	177	183	81	102	95	111	112	130	147	178
	1	42	11	47	131	164	11	47	169	177							16	16
	2	42	49	99	162	197	79	111	204	210	47	48	63	64	90	91	123	128
	3	42	36	91	134	160	81	108	175	180	63	77	79	94	102	110	137	157
	1	44	4	28	116	148	4	28	149	156							2	2
	2	44	37	92	155	190	52	99	196	202	26	26	37	37	59	59	110	111
	3	44	31	85	132	153	67	101	170	175	44	46	56	61	87	93	115	127

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(4a)

City	Alice Springs	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	56	136	202	242	56	136	222	222	1	29	2	41	15	71	75	75
(90)	2	40	112	202	231	262	109	200	243	243	46	190	57	216	93	245	144	144
	3	40	80	170	184	226	89	170	208	207	49	204	60	223	90	250	143	143
	1	42	31	113	189	232	30	113	206	205					1	6	24	24
	2	42	95	184	224	257	97	184	238	238	25	140	39	163	68	197	119	119
	3	42	73	160	180	221	79	160	202	201	35	170	45	190	73	228	117	117
	1	44	15	92	178	224	15	92	192	192							4	4
	2	44	81	168	218	250	81	168	231	231	9	106	21	116	45	140	106	106
	3	44	64	147	176	217	70	146	200	200	20	133	33	151	57	192	106	106
2070	1	40	50	159	209	249	49	160	224	223	2	11	5	21	14	61	62	62
(91)	2	40	95	201	233	271	106	207	251	251	43	205	61	222	90	253	152	152
	3	40	67	173	190	233	90	181	214	214	43	216	60	232	86	262	141	141
	1	42	28	112	198	236	27	111	213	213					1	2	15	15
	2	42	82	189	225	267	90	192	245	245	27	162	35	184	65	213	129	129
	3	42	59	163	186	225	79	171	210	210	38	185	43	205	71	239	126	126
	1	44	8	73	185	223	8	73	199	197							1	1
	2	44	69	181	219	260	72	183	241	241	13	88	21	111	40	168	101	101
	3	44	48	157	181	224	64	161	204	204	27	151	36	176	53	207	108	108
2070	1	40	45	139	199	224	44	139	208	208		15	1	24	10	44	50	50
(92)	2	40	100	198	214	245	104	196	229	229	33	192	46	203	79	231	143	143
	3	40	66	154	169	203	82	157	197	197	39	191	53	204	75	237	138	138
	1	42	23	112	191	217	23	112	198	198						1	16	16
	2	42	87	182	206	241	88	181	223	223	19	138	29	154	53	199	132	132
	3	42	54	143	168	200	63	144	192	192	26	161	34	177	57	208	120	120
	1	44	17	84	175	206	17	84	189	188							1	1
	2	44	71	163	204	233	69	162	216	216	2	86	14	109	29	141	96	96
	3	44	45	134	161	197	50	135	189	189	12	134	25	150	46	182	101	101
2070	1	40	53	140	195	223	53	140	212	212	1	12	2	23	7	61	69	69
(93)	2	40	97	189	216	239	105	189	227	227	51	184	66	206	96	227	140	140
	3	40	76	166	180	218	96	168	212	212	58	207	68	222	91	241	134	134
	1	42	28	103	182	220	29	104	201	201	1	1	1	1	1	1	15	15
	2	42	84	175	210	233	91	175	223	223	22	140	40	159	71	194	120	120
	3	42	68	156	180	216	84	157	207	207	38	173	52	197	80	226	126	126
	1	44	16	83	167	209	17	84	183	183					1	1	1	1
	2	44	75	163	206	229	78	163	217	217	8	88	15	104	44	141	106	106
	3	44	61	144	174	213	74	146	196	196	23	137	37	157	64	200	113	113
2070	1	40	61	140	191	222	61	139	197	197	1	22	1	33	17	62	56	56
(94)	2	40	103	186	212	239	105	188	225	225	33	188	47	199	72	226	141	141
	3	40	81	165	179	211	87	167	191	190	38	197	50	214	69	239	130	130
	1	42	37	115	182	218	37	115	189	189					1	4	21	21
	2	42	87	171	203	237	89	172	216	216	25	144	28	157	54	192	106	106
	3	42	74	154	175	208	80	156	187	187	26	169	36	189	57	218	107	107
	1	44	16	84	166	203	16	84	172	171							2	2
	2	44	79	157	198	230	77	156	210	210	8	87	23	110	37	146	87	87
	3	44	68	143	171	204	72	145	183	183	21	143	25	157	49	190	90	90
2070	1	40	48	124	192	228	48	124	215	215	1	13	3	29	10	56	67	67
(95)	2	40	84	188	216	241	98	190	235	235	47	183	61	203	87	237	136	136
	3	40	63	150	164	217	82	157	202	202	50	194	62	218	87	243	137	137
	1	42	29	94	178	222	29	94	197	197					1	1	20	20
	2	42	70	166	213	239	82	170	233	233	32	135	42	157	65	192	119	119
	3	42	60	141	162	211	78	149	199	199	37	163	48	175	74	220	120	120
	1	44	12	68	158	212	12	68	180	180							1	1
	2	44	59	152	201	236	66	155	226	226	14	82	23	100	46	135	95	95
	3	44	56	129	158	203	68	135	189	189	27	133	36	149	60	180	105	105

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(4a)

City	Alice Springs	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	65	155	213	247	67	155	228	228	1	22	3	29	9	66	56	56
(96)	2	40	110	206	233	260	110	206	246	246	39	203	50	219	72	249	147	147
	3	40	84	180	193	228	90	180	210	210	37	214	50	230	77	257	136	136
	1	42	36	122	201	238	36	122	212	212						2	26	26
	2	42	93	195	226	257	94	194	240	240	23	156	34	178	54	209	123	123
	3	42	75	172	190	225	81	172	207	207	25	183	37	200	57	231	124	124
	1	44	19	89	189	225	19	89	200	200							2	2
	2	44	77	184	221	255	78	184	235	235	5	95	14	116	40	158	90	90
	3	44	64	156	186	220	69	156	207	207	18	149	24	173	49	204	101	101
2070	1	40	44	131	199	231	43	132	215	214	7	16	7	22	19	62	78	78
(97)	2	40	93	197	217	239	113	199	234	234	60	191	79	209	102	235	155	155
	3	40	69	178	188	222	108	183	209	209	69	211	84	222	108	246	154	154
	1	42	23	101	188	224	22	100	200	200							20	20
	2	42	80	180	214	237	94	184	229	229	38	147	50	166	84	199	137	137
	3	42	64	166	187	220	94	172	207	207	56	188	66	199	98	223	138	138
	1	44	9	71	172	214	9	71	189	189								
	2	44	70	164	205	235	75	167	225	225	20	99	27	118	48	147	113	113
	3	44	53	151	185	217	82	159	203	203	40	150	55	170	78	201	126	126
2070	1	40	67	161	188	228	66	160	213	213	1	22	5	39	22	78	79	79
(98)	2	40	120	186	210	251	128	187	238	238	55	181	79	202	111	234	168	168
	3	40	99	174	181	215	116	178	210	210	67	202	78	218	109	249	163	163
	1	42	37	132	179	217	37	132	198	198					1	7	31	31
	2	42	109	177	202	249	114	179	230	230	36	161	49	172	83	187	145	145
	3	42	90	166	176	209	101	169	204	204	51	179	63	189	91	220	154	154
	1	44	20	108	173	202	20	108	182	182							7	7
	2	44	99	172	197	244	103	173	225	225	16	114	28	128	52	163	120	120
	3	44	85	156	176	204	96	160	200	200	36	159	49	168	72	192	139	139
2070	1	40	55	144	198	231	56	144	209	209	2	8	5	27	17	65	76	76
(99)	2	40	111	192	218	254	114	193	237	237	57	192	68	202	100	240	156	156
	3	40	90	182	187	228	107	184	214	214	64	214	75	231	105	258	155	155
	1	42	26	122	186	221	26	122	198	197					2	2	28	28
	2	42	94	177	210	251	97	177	229	228	33	144	47	164	75	197	134	134
	3	42	80	172	187	226	93	172	209	208	46	183	60	196	91	234	140	140
	1	44	10	94	173	209	10	94	186	186							2	2
	2	44	85	168	202	245	88	168	220	220	19	99	26	117	52	147	106	106
	3	44	68	159	185	222	81	159	205	205	33	154	46	171	70	199	127	127
2070	1	40	29	131	179	210	34	133	203	203	8	16	10	19	17	41	74	74
(00)	2	40	68	176	197	228	108	185	220	220	70	182	90	196	116	221	167	167
	3	40	56	155	175	199	116	173	207	207	90	194	102	209	130	235	172	172
	1	42	10	83	171	197	11	83	192	192	1	1	1	1	2	2	18	18
	2	42	57	167	193	224	86	174	214	214	44	149	57	163	94	187	153	153
	3	42	50	148	169	196	101	163	203	203	68	175	84	186	111	214	162	162
	1	44	6	53	162	192	6	53	180	180							3	3
	2	44	46	154	186	220	68	164	210	210	23	73	32	93	55	149	128	128
	3	44	42	143	164	196	77	157	198	198	53	154	65	165	94	189	148	148
2070	1	40	31	97	152	197	32	96	181	181	1	7	4	14	20	44	75	75
(01)	2	40	76	146	177	222	100	155	210	210	74	151	86	170	103	207	144	144
	3	40	57	129	142	186	101	145	177	177	81	165	95	194	112	230	147	147
	1	42	19	81	139	182	19	81	169	169						2	16	16
	2	42	53	131	170	215	79	138	204	204	47	117	63	128	90	155	123	123
	3	42	48	114	139	176	89	131	175	175	63	144	79	156	102	194	137	137
	1	44	6	49	125	170	6	49	149	149							2	2
	2	44	49	115	162	209	62	119	196	196	26	74	37	97	59	114	110	110
	3	44	38	109	135	170	70	124	170	170	44	120	56	134	87	162	115	115

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(5)

City	Alice Springs	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		3	81	137		3	94	135								
(90)	2	40	2	14	119	177	2	14	143	179								
	3	40		5	98	138		5	123	139								
	1	42		1	46	112		1	57	112								
	2	42	1	11	111	175	1	11	127	175								
	3	42		4	86	133		4	112	136								
	1	44			28	88			29	88								
	2	44		7	101	165		7	112	165								
	3	44		3	79	132		3	103	134								
2070	1	40		2	67	159		2	86	161								
(91)	2	40	1	7	123	187	1	7	152	188								
	3	40		2	89	146		2	126	150								
	1	42		1	47	109		1	57	112								
	2	42		5	106	185		5	132	185								
	3	42		1	82	140		1	113	142								
	1	44			22	71			23	70								
	2	44		3	86	180		3	110	180								
	3	44		1	69	137		1	100	139								
2070	1	40		4	68	139		4	86	141								
(92)	2	40	2	14	117	180	2	14	145	181								
	3	40		4	86	131		4	120	134								
	1	42			38	111			43	111								
	2	42		14	102	174		14	133	175								
	3	42		3	76	127		3	108	128								
	1	44			22	81			22	81								
	2	44		9	87	158		9	119	162								
	3	44		3	67	124		3	95	125								
2070	1	40			71	140			96	141								
(93)	2	40		10	113	172		10	137	174								
	3	40		2	94	135		2	121	141								
	1	42			45	104			57	105								
	2	42		8	101	165		8	124	166								
	3	42		1	89	129		1	117	137								
	1	44			28	81			28	81								
	2	44		4	92	161		4	117	161								
	3	44			77	124			105	127								
2070	1	40		2	74	139		2	79	140								
(94)	2	40	1	12	120	171	1	12	140	173								
	3	40	1	6	96	141	1	6	119	142								
	1	42		1	53	110		1	59	110								
	2	42	1	9	106	164	1	9	120	165								
	3	42	1	5	88	139	1	5	109	140								
	1	44		1	33	82		1	34	82								
	2	44	1	5	92	155	1	5	98	156								
	3	44	1	1	81	134	1	1	96	136								
2070	1	40		4	58	123		4	78	129								
(95)	2	40	1	10	103	164	1	10	135	169								
	3	40		6	85	124		6	114	130								
	1	42		1	44	92		1	54	96								
	2	42	1	7	88	157	1	7	123	164								
	3	42		5	75	119		5	106	125								
	1	44			22	66			25	66								
	2	44		6	75	151		6	104	157								
	3	44		5	69	118		5	97	123								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(5)

City	Alice Springs	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		3	78	155		3	85	155								
(96)	2	40	2	16	127	192	2	16	153	193								
	3	40	2	12	102	149	2	12	124	150								
	1	42		1	57	121		1	62	122								
	2	42	1	11	117	188	1	11	134	189								
	3	42	1	9	96	148	1	9	117	149								
	1	44			31	85			33	85								
	2	44		8	103	181		8	114	183								
	3	44		6	86	143		6	106	144								
2070	1	40		1	67	132		1	102	143								
(97)	2	40		6	115	178		6	150	180								
	3	40		2	96	138		2	136	146								
	1	42			38	101			51	110								
	2	42		4	98	171		4	134	174								
	3	42		1	82	135		1	125	140								
	1	44			21	72			23	73								
	2	44		4	82	159		4	120	165								
	3	44		1	71	130		1	116	139								
2070	1	40		6	96	160		6	113	161								
(98)	2	40	3	17	141	175	3	17	163	176								
	3	40		6	115	155		6	141	158								
	1	42		2	57	132		2	66	133								
	2	42	1	15	126	172	1	15	151	173								
	3	42		4	107	153		4	132	154								
	1	44		1	32	103		1	34	103								
	2	44	1	12	111	171	1	12	130	172								
	3	44		4	99	151		4	127	152								
2070	1	40		1	82	142		1	98	142								
(99)	2	40	1	5	123	175	1	5	147	175								
	3	40		1	108	151		1	137	152								
	1	42		1	49	121		1	65	121								
	2	42		4	117	173		4	135	173								
	3	42		1	102	149		1	131	151								
	1	44			19	92			23	92								
	2	44		2	105	165		2	121	166								
	3	44		1	93	143		1	127	146								
2070	1	40			44	131			97	142								
(00)	2	40		5	96	163		5	149	170								
	3	40		1	73	138		1	135	147								
	1	42			24	82			45	90								
	2	42		3	79	160		3	140	169								
	3	42			64	131			126	140								
	1	44			10	50			16	55								
	2	44		1	64	148		1	130	160								
	3	44			57	127			121	138								
2070	1	40		1	45	96		1	86	106								
(01)	2	40	1	6	85	128	1	6	124	137								
	3	40		3	69	103		3	107	114								
	1	42		1	28	80		1	52	87								
	2	42	1	3	80	123	1	3	115	132								
	3	42		3	60	102		3	103	112								
	1	44			14	49			17	50								
	2	44		3	59	110		3	101	122								
	3	44		2	57	100		2	97	111								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(5a)

City	Alice Springs	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		11	93	175		11	101	84								
(90)	2	40	2	33	132	198	2	33	148	141								
	3	40		24	113	154		24	124	122								
	1	42		4	69	146		4	73	41								
	2	42	2	21	121	188	2	21	133	124								
	3	42		19	105	146		19	119	108								
	1	44		2	36	117		2	37	12								
	2	44	1	15	111	182	1	15	116	108								
	3	44		14	88	146		14	107	101								
2070	1	40		5	79	185		5	93	77								
(91)	2	40	2	27	150	202	2	27	163	145								
	3	40		18	108	166		18	128	123								
	1	42		2	57	168		2	65	32								
	2	42	1	20	127	199	1	20	144	124								
	3	42		9	95	161		9	118	109								
	1	44		1	31	120		1	32	4								
	2	44		10	105	193		10	121	104								
	3	44		7	86	156		7	110	98								
2070	1	40		14	82	174		14	93	70								
(92)	2	40	3	24	131	197	3	24	152	142								
	3	40		16	99	145		16	121	120								
	1	42		4	51	145		4	55	26								
	2	42	2	21	120	191	2	21	141	133								
	3	42		8	94	139		8	113	106								
	1	44		2	27	117		2	27	8								
	2	44		17	102	187		17	126	113								
	3	44		6	80	135		6	99	92								
2070	1	40		8	83	165		8	100	86								
(93)	2	40		29	130	191		29	146	135								
	3	40		14	98	155		14	121	121								
	1	42		1	60	147		1	67	41								
	2	42		22	114	182		22	127	123								
	3	42		14	95	150		14	119	115								
	1	44			33	113			33	4								
	2	44		16	101	176		16	118	113								
	3	44		11	91	144		11	110	102								
2070	1	40	1	9	84	164	1	9	88	61								
(94)	2	40	1	37	132	187	1	37	145	136								
	3	40	1	19	114	152	1	19	126	116								
	1	42		3	66	144		3	70	35								
	2	42	1	31	123	183	1	31	131	109								
	3	42	1	15	99	147	1	15	112	102								
	1	44		1	38	120		1	39	11								
	2	44	1	19	106	180	1	19	111	87								
	3	44	1	14	91	142	1	14	102	90								
2070	1	40		7	66	157		7	83	73								
(95)	2	40	2	32	117	185	2	32	140	135								
	3	40	1	16	97	140	1	16	116	114								
	1	42		5	50	135		5	58	41								
	2	42	1	21	105	180	1	21	125	120								
	3	42		14	91	136		14	109	106								
	1	44		1	33	103		1	34	5								
	2	44	1	12	88	171	1	12	110	98								
	3	44		9	78	132		9	99	96								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(5a)

City	Alice Springs	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		11	87	188		11	90	69								
(96)	2	40	3	36	145	206	3	36	160	147								
	3	40	3	23	120	171	3	23	131	123								
	1	42		4	69	167		4	72	39								
	2	42	3	28	129	200	3	28	140	125								
	3	42	2	20	110	164	2	20	123	114								
	1	44		2	37	126		2	39	7								
	2	44	1	20	117	197	1	20	124	103								
	3	44	1	17	99	158	1	17	108	99								
2070	1	40		4	80	170		4	109	94								
(97)	2	40		22	130	193		22	154	150								
	3	40		8	108	160		8	136	136								
	1	42		1	50	140		1	62	37								
	2	42		16	116	188		16	137	134								
	3	42		7	103	154		7	127	125								
	1	44			30	109			32	5								
	2	44		10	97	184		10	123	114								
	3	44		5	88	150		5	120	116								
2070	1	40	1	15	106	172	1	15	118	95								
(98)	2	40	5	38	156	182	5	38	167	161								
	3	40	1	24	128	167	1	24	144	141								
	1	42		7	74	167		7	79	48								
	2	42	3	26	141	178	3	26	157	147								
	3	42		15	121	163		15	134	132								
	1	44		3	42	140		3	43	16								
	2	44	1	20	126	177	1	20	139	126								
	3	44		11	110	158		11	128	126								
2070	1	40		4	93	173		4	104	91								
(99)	2	40	1	27	135	195	1	27	149	147								
	3	40		10	116	168		10	138	137								
	1	42		1	63	150		1	73	49								
	2	42	1	16	125	188	1	16	137	134								
	3	42		7	111	165		7	132	130								
	1	44		1	30	123		1	33	10								
	2	44		12	117	177		12	125	115								
	3	44		5	106	159		5	128	125								
2070	1	40		3	53	160		3	100	90								
(00)	2	40		10	124	176		10	153	148								
	3	40		7	97	151		7	135	135								
	1	42			36	138			54	37								
	2	42		10	101	172		10	142	140								
	3	42		5	87	147		5	128	126								
	1	44			13	95			19	10								
	2	44		7	79	165		7	134	130								
	3	44		4	69	142		4	121	121								
2070	1	40		3	49	123		3	86	84								
(01)	2	40	1	20	93	143	1	20	125	124								
	3	40		8	84	113		8	107	107								
	1	42		2	33	102		2	53	43								
	2	42	1	11	86	139	1	11	115	114								
	3	42		7	76	109		7	103	103								
	1	44		1	23	85		1	26	8								
	2	44	1	7	80	133	1	7	105	100								
	3	44		5	63	107		5	98	97								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(6)

City	Alice Springs	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	5	29	137	188	5	29	165	188								
(90)	2	40	18	79	179	216	17	78	199	218							19	19
	3	40	13	55	138	166	13	55	159	170							16	16
	1	42	2	15	113	176	2	15	133	177								
	2	42	14	67	176	206	14	67	195	209							7	7
	3	42	7	48	134	163	7	48	153	165							10	10
	1	44		8	88	148		8	104	147								
	2	44	11	43	162	199	11	43	185	201							2	2
	3	44	5	43	134	158	5	43	150	160							7	7
2070	1	40	3	24	152	196	3	24	179	200								
(91)	2	40	12	59	186	216	12	59	210	221							8	8
	3	40	7	37	146	176	6	37	177	186							11	11
	1	42	1	8	107	185	1	8	136	186								
	2	42	7	51	184	211	7	51	204	216							2	2
	3	42	4	31	141	174	4	31	169	183							2	2
	1	44		4	72	168		4	96	169								
	2	44	5	42	176	204	5	42	192	209								
	3	44	1	26	136	170	1	26	159	178								
2070	1	40	5	23	134	191	5	23	165	192								
(92)	2	40	18	65	180	203	18	65	197	206							10	10
	3	40	6	37	130	156	6	37	153	161							6	6
	1	42	2	16	104	175	2	16	135	176								
	2	42	14	51	173	199	14	51	190	200							2	2
	3	42	5	28	126	154	5	28	148	158							2	2
	1	44		10	75	145		10	94	147								
	2	44	14	36	153	198	14	36	183	198								
	3	44	3	27	124	151	3	27	145	156							1	1
2070	1	40	1	27	134	181	2	28	162	182							1	1
(93)	2	40	19	69	172	205	20	70	198	208	1	1	1	1	1	1	6	6
	3	40	9	47	135	169	10	48	155	170			1	1	1	1	8	8
	1	42		15	103	165		15	126	166								
	2	42	11	58	165	202	12	59	188	204			1	1	1	1	2	2
	3	42	2	42	127	166	3	43	154	166					1	1	1	1
	1	44		5	79	147		5	104	147								
	2	44	8	43	157	191	9	44	176	193					1	1	1	1
	3	44	1	33	124	164	2	34	149	164					1	1	1	1
2070	1	40	3	37	135	182	3	37	151	184								
(94)	2	40	23	73	167	196	23	73	184	198							17	17
	3	40	11	58	141	169	11	58	154	171							16	16
	1	42	1	16	108	165	1	16	122	166								
	2	42	14	65	162	193	14	65	174	195							6	6
	3	42	9	46	139	168	9	46	152	170							10	10
	1	44	1	6	81	144	1	6	88	146								
	2	44	9	53	152	188	9	53	167	190							1	1
	3	44	6	37	135	163	6	37	148	165							3	3
2070	1	40	5	28	122	177	5	28	162	179								
(95)	2	40	13	56	162	197	13	56	194	202							10	10
	3	40	8	43	125	154	8	43	157	164							10	10
	1	42	1	11	88	157	1	11	123	164								
	2	42	10	50	156	196	10	50	183	198							2	2
	3	42	8	37	119	149	8	37	153	160							6	6
	1	44	1	6	63	135	1	6	93	141								
	2	44	7	44	150	188	7	44	176	189								
	3	44	6	31	117	145	6	31	147	155							1	1

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(6)

City	Alice Springs	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	5	34	147	201	5	34	176	201								
(96)	2	40	23	77	193	219	23	77	209	220							14	14
	3	40	15	58	149	184	15	58	175	188							14	14
	1	42	3	18	118	188	3	18	136	189								
	2	42	16	69	188	217	16	69	203	217							3	3
	3	42	14	51	148	181	14	51	169	183							5	5
	1	44		9	85	167		9	95	168								
	2	44	11	53	177	208	11	53	194	208							1	1
	3	44	10	44	143	178	10	44	159	179							2	2
2070	1	40	1	22	134	186	1	22	173	189								
(97)	2	40	12	58	177	205	12	58	197	210							7	7
	3	40	4	41	137	178	4	41	177	188							24	24
	1	42		8	99	172		8	137	176								
	2	42	8	46	171	201	8	46	191	205								
	3	42	3	37	135	175	3	37	173	182							9	9
	1	44		4	76	140		4	112	151								
	2	44	4	33	157	194	4	33	187	198								
	3	44	2	28	131	168	2	28	167	178							1	1
2070	1	40	8	36	158	179	8	36	173	179								
(98)	2	40	21	91	175	195	21	91	191	201							23	23
	3	40	11	67	154	175	11	67	172	178							28	28
	1	42	5	20	129	173	5	20	152	173								
	2	42	18	74	173	189	18	74	183	192							9	9
	3	42	8	54	152	173	8	54	170	176							12	12
	1	44	1	13	100	167	1	13	121	167								
	2	44	15	57	170	184	15	57	179	185							3	3
	3	44	5	45	151	169	5	45	167	171							6	6
2070	1	40	1	25	140	185	1	25	170	187								
(99)	2	40	13	79	175	201	13	79	194	203					1	1	16	16
	3	40	4	56	151	182	4	56	173	183					1	1	25	25
	1	42	1	8	119	173	1	8	135	173								
	2	42	6	63	172	198	6	63	188	199							4	4
	3	42	2	44	148	177	2	44	171	179							10	10
	1	44		2	88	150		2	106	151								
	2	44	4	48	164	195	4	48	184	196							2	2
	3	44	1	36	143	172	1	36	166	174							5	5
2070	1	40		10	127	171		10	167	178								
(00)	2	40	8	43	164	186	8	43	189	194			1	1	1	1	8	8
	3	40	4	33	138	160	4	33	172	177					1	1	21	21
	1	42		6	79	161		6	140	169								
	2	42	6	35	160	181	6	35	187	190							5	5
	3	42	2	24	130	157	2	24	169	172							8	8
	1	44		3	47	138		3	113	150								
	2	44	3	22	148	177	3	22	180	183							1	1
	3	44	1	20	126	153	1	20	164	168							3	3
2070	1	40	2	18	95	137	2	18	134	145								
(01)	2	40	8	44	129	159	8	44	165	172							11	11
	3	40	4	32	104	132	4	32	138	144					1	1	15	15
	1	42	1	6	80	124	1	6	118	133								
	2	42	6	32	122	153	6	32	154	161							4	4
	3	42	3	25	103	126	3	25	133	137							5	5
	1	44	1	3	48	102	1	3	90	112								
	2	44	3	28	110	146	3	28	146	154							1	1
	3	44	3	22	100	122	3	22	130	135							1	1

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(6a)

City	Alice Springs	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	8	67	152	206	8	67	168	165								
(90)	2	40	28	109	187	231	27	109	200	199						1	19	19
	3	40	20	81	144	186	20	81	160	159				1		11	16	16
	1	42	3	36	124	190	3	36	137	128								
	2	42	18	98	179	226	18	98	195	195							7	7
	3	42	14	76	139	180	14	76	153	153						1	10	10
	1	44	1	17	101	177	1	17	110	94								
	2	44	14	85	176	220	14	85	186	185							2	2
	3	44	9	71	136	177	9	71	150	150							7	7
2070	1	40	4	51	171	211	4	51	183	178								
(91)	2	40	21	102	195	232	21	102	210	210							8	8
	3	40	11	75	155	193	10	74	177	177						1	11	11
	1	42	2	30	130	199	2	30	147	129								
	2	42	13	82	187	226	13	82	205	204							2	2
	3	42	7	58	152	188	7	58	170	169							2	2
	1	44	1	12	90	186	1	12	103	87								
	2	44	7	64	184	220	7	64	193	192								
	3	44	4	46	144	184	4	46	160	159								
2070	1	40	11	51	147	199	11	51	168	165								
(92)	2	40	22	102	189	215	22	102	197	197							10	10
	3	40	10	71	134	173	10	71	154	153						2	6	6
	1	42	4	27	122	193	4	27	142	134								
	2	42	18	89	180	212	18	89	191	190							2	2
	3	42	6	59	133	168	6	59	150	148							2	2
	1	44		18	90	180		18	101	81								
	2	44	14	75	173	204	14	75	184	183								
	3	44	5	49	127	163	5	49	145	145							1	1
2070	1	40	5	58	148	202	6	59	163	161							1	1
(93)	2	40	27	99	179	219	28	100	198	198	1	1	1	1	1	1	6	6
	3	40	14	82	146	183	15	83	155	155			1	1	1	1	8	8
	1	42		32	117	184		32	131	125								
	2	42	19	91	173	214	20	92	188	188			1	1	1	1	2	2
	3	42	12	74	143	180	13	75	154	154					1	1	1	1
	1	44		19	93	171		19	107	94								
	2	44	11	78	165	208	12	79	176	176					1	1	1	1
	3	44	5	67	131	177	6	68	149	148					1	1	1	1
2070	1	40	7	65	147	193	7	65	156	149								
(94)	2	40	33	106	181	215	33	106	187	184							17	17
	3	40	15	83	143	183	15	83	154	154						5	16	16
	1	42	2	39	123	184	2	39	132	113								
	2	42	26	92	170	209	26	92	178	174							6	6
	3	42	14	75	142	176	14	75	153	152							10	10
	1	44	1	23	93	167	1	23	99	78								
	2	44	14	80	162	201	14	80	168	167							1	1
	3	44	10	71	139	172	10	71	149	148							3	3
2070	1	40	7	50	137	196	7	50	165	159								
(95)	2	40	23	87	173	217	23	87	194	194							10	10
	3	40	15	70	130	166	15	70	157	157						1	10	10
	1	42	4	33	106	183	4	33	126	120								
	2	42	13	75	164	215	13	75	184	183							2	2
	3	42	9	61	126	163	9	61	153	153							6	6
	1	44	1	13	75	162	1	13	99	85								
	2	44	11	63	156	207	11	63	176	176								
	3	44	8	59	120	162	8	59	148	147							1	1

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(6a)

City	Alice Springs	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	9	69	169	217	9	69	182	176								
(96)	2	40	31	115	200	237	31	115	209	209							14	14
	3	40	21	89	157	194	21	89	175	175						4	14	14
	1	42	3	37	129	203	3	37	141	126								
	2	42	24	102	193	231	24	102	203	203							3	3
	3	42	17	81	151	191	17	81	169	169							5	5
	1	44	1	23	103	192	1	23	107	82								
	2	44	16	84	188	222	16	84	196	193							1	1
	3	44	14	69	148	187	14	69	160	159							2	2
2070	1	40	4	46	147	201	4	46	173	173								
(97)	2	40	19	92	186	219	19	92	197	197							7	7
	3	40	7	72	150	190	7	72	177	177						2	24	24
	1	42	1	28	117	189	1	28	140	137								
	2	42	13	76	178	217	13	76	191	191								
	3	42	6	65	145	188	6	65	173	173							9	9
	1	44		12	84	175		12	114	103								
	2	44	8	67	171	211	8	67	187	187								
	3	44	3	55	136	186	3	55	167	167							1	1
2070	1	40	14	74	168	189	14	74	174	173								
(98)	2	40	32	126	179	213	32	126	191	191						1	23	23
	3	40	16	101	156	183	16	101	172	172						5	28	28
	1	42	7	42	143	180	7	42	158	149								
	2	42	21	111	175	206	21	111	183	183							9	9
	3	42	11	97	156	179	11	97	170	170						1	12	12
	1	44	2	21	114	174	2	21	127	108								
	2	44	18	100	173	200	18	100	179	179							3	3
	3	44	8	89	154	176	8	89	167	167							6	6
2070	1	40	2	63	152	198	2	63	171	170								
(99)	2	40	20	117	182	220	20	117	196	194					1	1	16	16
	3	40	7	98	158	189	7	98	173	173					1	1	25	25
	1	42	1	30	126	191	1	30	138	134								
	2	42	13	105	175	216	13	105	188	188							4	4
	3	42	5	87	154	187	5	87	171	171							10	10
	1	44	1	13	105	175	1	13	113	98								
	2	44	7	88	172	205	7	88	184	184							2	2
	3	44	3	77	149	186	3	77	166	166							5	5
2070	1	40	3	35	142	181	3	35	169	167								
(00)	2	40	10	76	168	197	10	76	189	189			1	1	1	1	8	8
	3	40	5	57	143	173	5	57	172	172					1	1	21	21
	1	42		13	101	174		13	142	140								
	2	42	8	63	163	195	8	63	187	187							5	5
	3	42	4	52	141	168	4	52	169	169							8	8
	1	44		8	64	163		8	117	109								
	2	44	6	47	160	188	6	47	180	180							1	1
	3	44	3	46	135	166	3	46	164	164							3	3
2070	1	40	3	32	102	153	3	32	136	134								
(01)	2	40	14	80	137	178	14	80	165	165							11	11
	3	40	7	56	106	142	7	56	138	138					1	1	15	15
	1	42	1	23	86	139	1	23	118	118								
	2	42	8	60	129	173	8	60	154	154							4	4
	3	42	5	54	106	141	5	54	133	133							5	5
	1	44	1	8	62	128	1	8	92	89								
	2	44	6	48	122	166	6	48	146	146							1	1
	3	44	4	44	102	136	4	44	130	130							1	1

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(7)

City	Alice Springs	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	69	126		4	80	126								
(90)	2	40	2	14	110	174	2	14	124	174								
	3	40		7	80	132		7	107	134								
	1	42		2	36	102		2	42	102								
	2	42	1	12	101	165	1	12	112	165								
	3	42		5	76	132		5	100	133								
	1	44			17	78			17	78								
	2	44		7	88	146		7	104	145								
	3	44		3	71	128		3	92	129								
2070	1	40		2	57	132		2	70	136								
(91)	2	40	1	7	103	184	1	7	132	185								
	3	40		4	77	139		4	106	142								
	1	42		1	33	89		1	37	88								
	2	42	1	5	86	180	1	5	110	180								
	3	42		1	63	135		1	95	138								
	1	44			13	60			13	60								
	2	44		4	70	164		4	94	166								
	3	44		1	53	133		1	82	135								
2070	1	40		4	51	125		4	63	125								
(92)	2	40	2	14	102	174	2	14	133	175								
	3	40		5	70	126		5	102	128								
	1	42			27	95			29	95								
	2	42		14	87	158		14	119	162								
	3	42		3	59	122		3	91	125								
	1	44			17	64			17	64								
	2	44		10	74	144		10	92	146								
	3	44		3	50	120		3	81	123								
2070	1	40			60	119			75	119								
(93)	2	40		12	100	164		12	122	165								
	3	40		2	81	126		2	111	130								
	1	42			33	95			38	95								
	2	42		9	92	161		9	117	161								
	3	42		1	74	120		1	103	124								
	1	44			17	68			17	68								
	2	44		5	79	145		5	103	145								
	3	44			67	115			94	118								
2070	1	40		3	66	124		3	73	124								
(94)	2	40	1	15	104	162	1	15	118	163								
	3	40	1	9	84	138	1	9	99	139								
	1	42		1	38	98		1	44	99								
	2	42	1	9	92	155	1	9	98	156								
	3	42	1	5	76	134	1	5	85	136								
	1	44		1	22	72		1	22	72								
	2	44	1	5	78	143	1	5	87	145								
	3	44	1	2	73	131	1	2	81	133								
2070	1	40		5	50	109		5	63	114								
(95)	2	40	1	11	87	157	1	11	122	164								
	3	40		7	71	118		7	104	124								
	1	42		1	33	79		1	40	82								
	2	42	1	8	75	151	1	8	104	157								
	3	42		6	61	115		6	94	120								
	1	44			13	55			14	55								
	2	44	1	6	63	131	1	6	91	137								
	3	44		5	59	110		5	88	114								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(7)

City	Alice Springs	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	69	131		4	79	132								
(96)	2	40	3	16	115	187	3	16	134	189								
	3	40	2	14	89	147	2	14	112	148								
	1	42		1	37	106		1	41	106								
	2	42	1	14	103	181	1	14	114	183								
	3	42	1	10	81	143	1	10	100	144								
	1	44			22	77			22	77								
	2	44		9	84	163		9	94	164								
	3	44	1	6	72	138	1	6	89	139								
2070	1	40		1	52	119		1	82	126								
(97)	2	40		8	98	171		8	132	174								
	3	40		3	77	133		3	122	141								
	1	42			30	83			39	88								
	2	42		4	82	159		4	120	165								
	3	42		2	68	128		2	113	137								
	1	44			12	58			12	58								
	2	44		4	76	140		4	112	151								
	3	44		1	61	124		1	102	131								
2070	1	40		7	74	146		7	84	147								
(98)	2	40	3	18	126	173	3	18	150	173								
	3	40		7	100	152		7	130	154								
	1	42		2	42	115		2	49	115								
	2	42	2	16	111	171	2	16	130	172								
	3	42		5	95	150		5	123	151								
	1	44		1	21	91		1	21	91								
	2	44	1	13	100	165	1	13	121	165								
	3	44		4	89	148		4	112	149								
2070	1	40		1	63	127		1	83	127								
(99)	2	40	1	7	115	173	1	7	134	173								
	3	40		2	99	148		2	130	150								
	1	42		1	30	108		1	44	109								
	2	42	1	4	105	165	1	4	121	166								
	3	42		1	88	141		1	120	145								
	1	44			13	78			14	78								
	2	44		2	87	148		2	105	149								
	3	44		1	78	136		1	111	142								
2070	1	40			36	106			72	114								
(00)	2	40		6	76	160		6	140	169								
	3	40		2	59	129		2	126	140								
	1	42			14	65			26	73								
	2	42		4	64	148		4	130	160								
	3	42			53	121			120	135								
	1	44			8	43			9	44								
	2	44		1	47	138		1	112	150								
	3	44			48	117			110	131								
2070	1	40		2	33	89		2	68	97								
(01)	2	40	1	6	77	121	1	6	114	131								
	3	40		3	57	102		3	100	112								
	1	42		1	23	67		1	31	69								
	2	42	1	3	59	110	1	3	102	123								
	3	42		3	55	97		3	92	107								
	1	44			8	43			8	43								
	2	44		3	48	100		3	90	111								
	3	44		3	45	96		3	89	104								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(7a)

City	Alice Springs	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		12	79	165		12	88	63								
(90)	2	40	3	34	121	188	3	34	132	121								
	3	40		26	97	146		26	111	105								
	1	42		5	45	128		5	49	25								
	2	42	2	24	111	182	2	24	116	108								
	3	42		21	87	145		21	104	97								
	1	44		2	28	108		2	28	5								
	2	44	1	15	101	177	1	15	110	94								
	3	44		15	79	138		15	95	88								
2070	1	40		5	65	180		5	76	50								
(91)	2	40	2	28	128	199	2	28	145	124								
	3	40		20	89	161		20	115	105								
	1	42		2	45	144		2	48	16								
	2	42	1	20	105	195	1	20	121	104								
	3	42		11	84	156		11	106	93								
	1	44		1	22	100		1	22	2								
	2	44	1	12	86	186	1	12	100	85								
	3	44		7	67	152		7	89	80								
2070	1	40		14	66	158		14	73	44								
(92)	2	40	3	26	120	191	3	26	141	131								
	3	40		17	86	139		17	107	101								
	1	42		5	38	129		5	38	15								
	2	42	2	22	102	187	2	22	126	113								
	3	42		12	76	134		12	95	87								
	1	44		2	22	102		2	22	2								
	2	44		17	87	179		17	98	79								
	3	44		6	66	133		6	89	78								
2070	1	40		9	71	161		9	83	63								
(93)	2	40		30	114	182		30	126	121								
	3	40		16	94	150		16	113	109								
	1	42		1	45	128		1	48	15								
	2	42		26	101	177		26	118	113								
	3	42		14	90	144		14	109	96								
	1	44			28	100			28	1								
	2	44		16	92	170		16	106	92								
	3	44		13	77	142		13	98	86								
2070	1	40	1	9	73	155	1	9	78	50								
(94)	2	40	2	38	123	184	2	38	130	105								
	3	40	1	26	96	147	1	26	106	95								
	1	42		3	53	131		3	57	21								
	2	42	1	32	106	180	1	32	111	87								
	3	42	1	15	89	142	1	15	95	81								
	1	44		1	33	104		1	33	3								
	2	44	1	22	91	167	1	22	98	77								
	3	44	1	14	81	141	1	14	87	73								
2070	1	40		8	58	151		8	68	55								
(95)	2	40	3	32	105	182	3	32	125	120								
	3	40	1	16	85	136	1	16	106	103								
	1	42		5	44	116		5	49	22								
	2	42	1	21	88	171	1	21	110	98								
	3	42		15	74	132		15	95	93								
	1	44		1	22	87		1	23	1								
	2	44	1	13	75	160	1	13	97	83								
	3	44		10	65	126		10	93	85								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(7a)

City	Alice Springs	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		14	77	181		14	83	53								
(96)	2	40	3	37	129	201	3	37	140	125								
	3	40	3	27	102	164	3	27	114	109								
	1	42		4	57	143		4	59	24								
	2	42	3	31	117	197	3	31	124	103								
	3	42	2	21	97	158	2	21	105	94								
	1	44		3	31	114		3	31	2								
	2	44	1	22	103	191	1	22	107	80								
	3	44	2	17	86	151	2	17	95	86								
2070	1	40		5	64	159		5	89	67								
(97)	2	40		24	116	189		24	137	132								
	3	40		10	96	154		10	125	122								
	1	42		1	36	128		1	44	20								
	2	42		17	97	185		17	123	114								
	3	42		7	85	149		7	117	110								
	1	44			19	91			19									
	2	44		12	82	174		12	114	101								
	3	44		7	70	144		7	106	99								
2070	1	40	1	16	94	171	1	16	100	70								
(98)	2	40	6	40	142	180	6	40	156	146								
	3	40	1	26	115	163	1	26	131	130								
	1	42		8	57	154		8	61	32								
	2	42	3	30	126	178	3	30	139	126								
	3	42	1	16	108	158	1	16	126	122								
	1	44		3	32	125		3	32	7								
	2	44	2	21	111	172	2	21	126	107								
	3	44		12	99	156		12	115	108								
2070	1	40		5	80	165		5	90	69								
(99)	2	40	1	29	125	189	1	29	137	133								
	3	40		11	108	165		11	132	129								
	1	42		1	49	135		1	56	28								
	2	42	1	19	117	179	1	19	125	115								
	3	42		9	104	159		9	125	118								
	1	44		1	19	115		1	19	3								
	2	44	1	13	105	175	1	13	113	98								
	3	44		5	92	154		5	116	108								
2070	1	40		4	44	148		4	77	64								
(00)	2	40		12	101	172		12	142	140								
	3	40		9	72	147		9	126	126								
	1	42			24	123			34	22								
	2	42		10	79	166		10	134	130								
	3	42		6	65	142		6	120	120								
	1	44			10	75			11	3								
	2	44		8	62	163		8	115	105								
	3	44		4	56	140		4	112	107								
2070	1	40		3	44	110		3	71	62								
(01)	2	40	1	21	86	139	1	21	114	113								
	3	40		10	69	109		10	100	100								
	1	42		2	28	93		2	36	17								
	2	42	1	13	80	134	1	13	106	101								
	3	42		7	61	106		7	93	91								
	1	44		1	14	77		1	14	2								
	2	44	1	8	59	126	1	8	92	89								
	3	44		5	56	105		5	89	88								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(8)

City	Alice Springs	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		9	95	155		9	110	154								
(90)	2	40	5	29	132	188	5	29	163	188								
	3	40		22	113	146		22	133	147								
	1	42		4	69	126		4	82	126								
	2	42	3	18	123	182	3	18	146	182								
	3	42		16	102	140		16	126	141								
	1	44		2	36	102		2	42	102								
	2	44	2	15	111	175	2	15	128	176								
	3	44		13	92	138		13	119	139								
2070	1	40		5	80	175		5	101	176								
(91)	2	40	3	24	145	196	3	24	176	200								
	3	40		12	109	156		12	143	163								
	1	42		2	57	132		2	73	137								
	2	42	2	17	128	190	2	17	155	191								
	3	42		7	94	153		7	133	160								
	1	44		1	33	89		1	37	88								
	2	44	1	7	107	185	1	7	133	186								
	3	44		6	89	146		6	123	150								
2070	1	40		12	85	152		12	104	155								
(92)	2	40	5	22	129	190	5	22	162	190								
	3	40		13	99	135		13	135	144								
	1	42		4	51	125		4	63	125								
	2	42	4	20	120	180	4	20	147	181								
	3	42		6	93	134		6	125	140								
	1	44			27	95			29	95								
	2	44	2	15	102	174	2	15	133	175								
	3	44		6	82	130		6	115	133								
2070	1	40		6	84	153		6	110	153								
(93)	2	40	1	27	128	179	2	28	162	182							1	1
	3	40		14	100	145		14	127	147								
	1	42			60	119			77	120								
	2	42		21	114	173		21	139	176							1	1
	3	42		13	94	143		13	124	147								
	1	44			33	95			38	95								
	2	44		15	101	165		15	124	166								
	3	44		8	92	134		8	119	140								
2070	1	40	1	7	85	149	1	7	93	151								
(94)	2	40	3	37	132	182	3	37	149	184								
	3	40	1	15	114	143	1	15	135	145								
	1	42		3	66	124		3	73	124								
	2	42	2	28	124	172	2	28	144	174								
	3	42	1	14	99	142	1	14	122	144								
	1	44		1	38	98		1	44	99								
	2	44	1	15	106	164	1	15	120	165								
	3	44	1	11	92	141	1	11	113	142								
2070	1	40	1	7	69	142	1	7	99	148								
(95)	2	40	5	27	117	174	5	27	159	178								
	3	40	3	15	97	132	3	15	126	142								
	1	42		5	50	109		5	64	114								
	2	42	4	16	106	166	4	16	138	171								
	3	42	2	11	89	127	2	11	120	134								
	1	44		1	33	79		1	40	82								
	2	44	1	11	88	157	1	11	123	164								
	3	44	1	8	82	124	1	8	111	130								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(8)

City	Alice Springs	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		10	92	175		10	102	177								
(96)	2	40	4	33	144	200	4	33	172	200								
	3	40	4	21	120	158	4	21	138	158								
	1	42		4	69	131		4	79	132								
	2	42	3	25	129	195	3	25	154	196								
	3	42	3	19	106	152	3	19	130	153								
	1	44		1	37	106		1	41	106								
	2	44	3	17	117	188	3	17	134	189								
	3	44	3	15	99	149	3	15	121	150								
2070	1	40		4	80	151		4	117	160								
(97)	2	40	1	21	131	185	1	21	173	188								
	3	40	1	7	110	151	1	7	143	157								
	1	42		1	52	119		1	85	127								
	2	42	1	15	116	181	1	15	152	183								
	3	42	1	7	100	146	1	7	139	154								
	1	44			30	83			39	88								
	2	44		8	99	171		8	134	174								
	3	44		4	91	136		4	133	144								
2070	1	40	1	15	108	169	1	15	124	170								
(98)	2	40	8	35	155	179	8	35	172	179								
	3	40	2	19	128	158	2	19	155	162								
	1	42		7	74	146		7	87	147								
	2	42	6	22	142	175	6	22	164	177								
	3	42	1	13	119	156	1	13	147	161								
	1	44		2	42	115		2	49	115								
	2	44	5	18	127	173	5	18	151	173								
	3	44	1	10	111	154	1	10	140	157								
2070	1	40		3	94	160		3	112	161								
(99)	2	40	1	24	135	183	1	24	168	185								
	3	40	1	9	116	159	1	9	148	162								
	1	42		1	63	127		1	84	127								
	2	42	1	14	125	176	1	14	151	176								
	3	42		5	110	155		5	143	157								
	1	44		1	30	108		1	44	109								
	2	44	1	7	117	173	1	7	135	173								
	3	44		3	107	151		3	133	152								
2070	1	40		3	58	143		3	120	156								
(00)	2	40		10	124	168		10	165	176								
	3	40		7	97	143		7	142	155								
	1	42			36	106			74	115								
	2	42		10	101	164		10	150	172								
	3	42		4	83	141		4	139	151								
	1	44			14	65			26	73								
	2	44		6	79	160		6	140	169								
	3	44		4	71	138		4	132	147								
2070	1	40	1	3	49	108	1	3	94	117								
(01)	2	40	2	17	93	136	2	17	132	144								
	3	40	1	8	84	107	1	8	114	119								
	1	42		2	33	89		2	68	97								
	2	42	1	9	86	128	1	9	124	137								
	3	42	1	5	73	105	1	5	109	117								
	1	44		1	23	67		1	31	69								
	2	44	1	6	80	123	1	6	115	132								
	3	44		4	67	103		4	108	116								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(8a)

City	Alice Springs	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	18	106	180	2	18	113	101								
(90)	2	40	8	66	152	206	8	66	168	163								
	3	40	3	43	126	161	3	43	134	133								
	1	42		12	79	168		12	88	65								
	2	42	5	43	134	199	5	43	150	145								
	3	42	2	38	121	155	2	38	128	125								
	1	44		5	45	128		5	49	25								
	2	44	3	35	121	188	3	35	134	125								
	3	44		28	110	153		28	122	115								
2070	1	40	1	17	92	190	1	17	107	91								
(91)	2	40	4	50	171	209	4	50	183	176								
	3	40	1	29	128	171	1	29	145	143								
	1	42		5	65	180		5	79	54								
	2	42	3	41	150	204	3	41	165	149								
	3	42		26	117	168		26	136	132								
	1	44		3	45	144		3	48	16								
	2	44	2	29	128	199	2	29	145	125								
	3	44		23	103	164		23	123	119								
2070	1	40	1	20	97	180	1	20	110	95								
(92)	2	40	10	49	147	199	10	49	165	162								
	3	40	2	27	115	154	2	27	136	135								
	1	42		14	68	161		14	75	47								
	2	42	5	35	131	198	5	35	152	143								
	3	42	1	26	108	149	1	26	128	125								
	1	44		5	38	129		5	38	15								
	2	44	4	27	120	192	4	27	141	133								
	3	44		21	98	144		21	116	115								
2070	1	40		21	96	173		21	113	105								
(93)	2	40	5	57	148	201	6	58	163	159							1	1
	3	40		37	111	166		37	129	127								
	1	42		9	71	162		9	85	65								
	2	42	1	43	130	191	1	43	148	137							1	1
	3	42		31	103	156		31	126	124								
	1	44		1	45	128		1	48	15								
	2	44		32	114	184		32	127	123								
	3	44		21	95	155		21	120	119								
2070	1	40	1	28	99	172	1	28	104	84								
(94)	2	40	6	64	147	193	6	64	156	149								
	3	40	1	42	131	167	1	42	135	134								
	1	42	1	9	74	155	1	9	78	51								
	2	42	3	53	133	188	3	53	147	140								
	3	42	1	33	124	159	1	33	131	121								
	1	44		3	53	131		3	57	21								
	2	44	2	38	123	184	2	38	131	109								
	3	44	1	29	103	151	1	29	117	108								
2070	1	40	1	16	82	166	1	16	105	91								
(95)	2	40	6	50	137	195	6	50	163	157								
	3	40	5	34	109	147	5	34	126	125								
	1	42		8	58	151		8	69	57								
	2	42	5	44	118	188	5	44	142	138								
	3	42	4	31	102	143	4	31	121	119								
	1	44		5	44	116		5	49	22								
	2	44	4	32	105	183	4	32	125	120								
	3	44	2	25	93	139	2	25	114	111								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(8a)

City	Alice Springs	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	25	108	195	1	25	112	88								
(96)	2	40	9	69	169	217	9	69	180	172								
	3	40	6	45	134	180	6	45	145	136								
	1	42		14	77	182		14	83	53								
	2	42	5	53	145	207	5	53	161	150								
	3	42	5	38	124	174	5	38	136	129								
	1	44		4	57	143		4	59	24								
	2	44	3	37	129	202	3	37	140	125								
	3	44	3	30	115	170	3	30	126	118								
2070	1	40		15	89	180		15	117	109								
(97)	2	40	4	43	147	201	4	43	173	173								
	3	40	1	33	124	171	1	33	143	143								
	1	42		5	64	161		5	92	72								
	2	42	1	33	130	194	1	33	155	152								
	3	42	1	26	115	165	1	26	141	139								
	1	44		1	36	128		1	44	20								
	2	44	1	25	116	189	1	25	137	134								
	3	44	1	17	107	158	1	17	134	133								
2070	1	40	2	22	118	174	2	22	131	117								
(98)	2	40	13	73	168	189	13	73	174	172								
	3	40	4	50	140	172	4	50	157	155								
	1	42	1	16	96	171	1	16	103	74								
	2	42	8	57	156	184	8	57	168	162								
	3	42	2	41	132	168	2	41	151	147								
	1	44		8	57	154		8	61	32								
	2	44	6	42	142	180	6	42	157	147								
	3	44	1	33	124	165	1	33	142	140								
2070	1	40	1	14	111	176	1	14	121	105								
(99)	2	40	2	62	152	198	2	62	169	168								
	3	40	1	40	132	177	1	40	149	148								
	1	42		5	82	167		5	91	71								
	2	42	1	48	135	195	1	48	152	151								
	3	42	1	32	123	171	1	32	143	143								
	1	44		1	49	135		1	56	28								
	2	44	1	30	125	190	1	30	137	134								
	3	44		25	114	167		25	134	132								
2070	1	40		10	67	164		10	121	115								
(00)	2	40	3	34	142	181	3	34	169	165								
	3	40		23	115	155		23	142	142								
	1	42		4	44	152		4	78	66								
	2	42		22	124	177		22	154	150								
	3	42		15	103	152		15	139	139								
	1	44			24	123			34	22								
	2	44		13	101	173		13	142	140								
	3	44		12	94	149		12	134	132								
2070	1	40	1	9	72	128	1	9	96	93								
(01)	2	40	3	31	102	153	3	31	134	132								
	3	40	1	25	93	125	1	25	115	114								
	1	42		4	45	113		4	72	64								
	2	42	2	28	93	146	2	28	125	124								
	3	42	1	17	87	118	1	17	109	109								
	1	44		2	28	93		2	36	17								
	2	44	1	23	86	139	1	23	115	114								
	3	44	1	13	77	110	1	13	108	108								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(9)

City	Alice Springs	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	10	101	160	1	10	111	160								
(90)	2	40	5	30	137	188	5	30	167	188								
	3	40	1	24	118	146	1	24	135	147								
	1	42		4	73	126		4	86	126								
	2	42	3	20	129	184	3	20	153	184								
	3	42		17	109	141		17	129	143								
	1	44		2	40	107		2	45	107								
	2	44	2	15	113	176	2	15	133	177								
	3	44		13	98	139		13	122	140								
2070	1	40		5	82	176		5	105	177								
(91)	2	40	3	26	152	196	3	26	179	200								
	3	40		18	113	159		18	144	167								
	1	42		2	58	136		2	77	140								
	2	42	2	19	132	192	2	19	162	195								
	3	42		9	101	153		9	136	160								
	1	44		1	36	93		1	41	94								
	2	44	2	8	108	185	2	8	139	186								
	3	44		6	89	148		6	127	154								
2070	1	40		13	85	153		13	109	156								
(92)	2	40	6	23	134	191	6	23	168	192								
	3	40	1	15	107	137	1	15	136	145								
	1	42		4	54	128		4	68	129								
	2	42	4	21	123	183	4	21	153	183								
	3	42		7	95	134		7	128	143								
	1	44		1	30	98		1	32	98								
	2	44	2	17	106	175	2	17	136	176								
	3	44		6	86	131		6	120	136								
2070	1	40		8	85	156		8	113	156								
(93)	2	40	2	28	134	181	3	29	162	182							1	1
	3	40		14	104	148		14	130	149								
	1	42			63	121			83	123								
	2	42		21	118	173		21	146	176							1	1
	3	42		14	95	144		14	125	147								
	1	44			35	98			41	98								
	2	44		16	103	166		16	127	168								
	3	44		9	94	140		9	121	145								
2070	1	40	1	8	88	151	1	8	95	152								
(94)	2	40	3	37	135	182	3	37	152	184								
	3	40	1	19	118	145	1	19	135	147								
	1	42		3	67	127		3	74	127								
	2	42	3	30	126	176	3	30	145	178								
	3	42	1	14	101	143	1	14	128	145								
	1	44		1	43	101		1	48	102								
	2	44	1	16	109	166	1	16	123	167								
	3	44	1	12	96	142	1	12	119	144								
2070	1	40	1	7	72	150	1	7	102	155								
(95)	2	40	6	29	122	177	6	29	164	180								
	3	40	4	16	101	132	4	16	127	142								
	1	42		5	51	111		5	68	116								
	2	42	4	19	110	167	4	19	143	172								
	3	42	2	13	92	127	2	13	123	135								
	1	44		1	36	84		1	42	86								
	2	44	1	12	89	158	1	12	124	164								
	3	44	1	8	85	125	1	8	114	131								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(9)

City	Alice Springs	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		11	99	176		11	108	178								
(96)	2	40	6	36	147	201	6	36	177	201								
	3	40	4	23	122	158	4	23	144	158								
	1	42		4	71	134		4	80	134								
	2	42	3	27	131	196	3	27	157	197								
	3	42	3	20	112	153	3	20	132	154								
	1	44		1	39	108		1	45	108								
	2	44	3	19	119	188	3	19	139	189								
	3	44	3	15	102	150	3	15	124	151								
2070	1	40		4	81	154		4	118	162								
(97)	2	40	2	22	134	186	2	22	174	190								
	3	40	1	8	114	154	1	8	144	160								
	1	42		1	55	122		1	88	128								
	2	42	1	16	121	185	1	16	161	187								
	3	42	1	7	106	148	1	7	142	156								
	1	44			31	87			43	93								
	2	44		9	103	172		9	140	176								
	3	44		4	96	139		4	136	148								
2070	1	40	1	15	110	169	1	15	127	170								
(98)	2	40	9	37	158	179	9	37	173	179								
	3	40	2	24	128	159	2	24	157	162								
	1	42		7	81	150		7	93	151								
	2	42	7	26	146	177	7	26	167	179								
	3	42	1	14	122	156	1	14	151	161								
	1	44		3	43	118		3	53	118								
	2	44	5	20	133	173	5	20	153	173								
	3	44	1	11	115	156	1	11	141	159								
2070	1	40		4	98	164		4	116	165								
(99)	2	40	1	26	140	185	1	26	172	187								
	3	40	1	9	122	163	1	9	150	165								
	1	42		1	68	131		1	88	131								
	2	42	1	16	127	176	1	16	155	176								
	3	42		7	112	155		7	143	157								
	1	44		1	33	112		1	46	113								
	2	44	1	10	120	173	1	10	138	173								
	3	44		4	108	153		4	136	155								
2070	1	40		3	62	147		3	125	160								
(00)	2	40	1	10	127	171	1	10	169	178								
	3	40		7	98	144		7	144	156								
	1	42			39	110			76	120								
	2	42		10	104	164		10	154	172								
	3	42		5	90	143		5	139	153								
	1	44			16	68			31	78								
	2	44		6	80	162		6	141	169								
	3	44		4	73	139		4	134	148								
2070	1	40	1	3	52	109	1	3	96	117								
(01)	2	40	2	19	95	137	2	19	136	145								
	3	40	1	8	85	109	1	8	116	121								
	1	42		2	35	92		2	72	98								
	2	42	2	11	88	130	2	11	125	138								
	3	42	1	6	77	105	1	6	110	117								
	1	44		1	25	74		1	36	76								
	2	44	1	6	80	124	1	6	119	133								
	3	44		5	69	103		5	109	116								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(9a)

City	Alice Springs	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	20	110	182	2	20	116	104								
(90)	2	40	8	68	154	206	8	68	170	167								
	3	40	3	46	129	163	3	46	135	135								
	1	42		13	82	170		13	92	70								
	2	42	5	48	138	200	5	48	154	152								
	3	42	3	41	124	157	3	41	131	129								
	1	44		5	50	133		5	54	25								
	2	44	4	37	127	192	4	37	139	128								
	3	44		31	113	154		31	124	119								
2070	1	40	1	19	98	192	1	19	114	98								
(91)	2	40	4	52	173	211	4	52	184	178								
	3	40	1	30	131	174	1	30	146	144								
	1	42		6	67	184		6	83	62								
	2	42	3	42	156	207	3	42	170	159								
	3	42		26	121	169		26	140	136								
	1	44		3	45	151		3	50	18								
	2	44	2	33	132	200	2	33	148	133								
	3	44		25	106	166		25	129	124								
2070	1	40	2	21	98	183	2	21	114	102								
(92)	2	40	11	54	149	199	11	54	171	168								
	3	40	3	28	117	154	3	28	136	136								
	1	42		14	72	166		14	79	51								
	2	42	6	40	136	198	6	40	157	150								
	3	42	1	27	110	150	1	27	132	128								
	1	44		6	41	134		6	41	17								
	2	44	4	30	123	193	4	30	143	135								
	3	44		23	99	145		23	121	120								
2070	1	40		21	100	173		21	117	108								
(93)	2	40	5	61	150	202	6	62	164	161							1	1
	3	40		41	115	166		41	131	128								
	1	42		9	76	163		9	90	69								
	2	42	3	46	135	192	3	46	150	140							1	1
	3	42		33	104	157		33	127	125								
	1	44		2	50	134		2	52	18								
	2	44		34	118	186		34	133	126								
	3	44		24	96	155		24	121	121								
2070	1	40	1	31	101	176	1	31	106	84								
(94)	2	40	7	66	150	194	7	66	159	150								
	3	40	1	44	133	168	1	44	137	134								
	1	42	1	12	77	159	1	12	80	53								
	2	42	4	53	138	189	4	53	150	142								
	3	42	1	37	127	160	1	37	133	126								
	1	44		3	55	134		3	60	23								
	2	44	3	42	124	185	3	42	134	115								
	3	44	1	31	110	153	1	31	123	116								
2070	1	40	1	19	85	167	1	19	106	93								
(95)	2	40	7	51	141	196	7	51	167	162								
	3	40	5	37	109	149	5	37	127	127								
	1	42		8	61	153		8	74	63								
	2	42	6	45	124	191	6	45	148	142								
	3	42	4	31	105	144	4	31	123	122								
	1	44		6	45	121		6	49	22								
	2	44	5	34	109	183	5	34	127	121								
	3	44	3	26	95	140	3	26	116	114								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(9a)

City	Alice Springs	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	27	113	196	2	27	117	92								
(96)	2	40	10	69	173	218	10	69	182	177								
	3	40	6	49	136	181	6	49	147	144								
	1	42		15	81	185		15	86	55								
	2	42	8	58	150	208	8	58	164	156								
	3	42	5	43	129	175	5	43	139	131								
	1	44		6	62	146		6	64	28								
	2	44	4	38	131	203	4	38	144	128								
	3	44	4	32	118	172	4	32	130	122								
2070	1	40		16	93	184		16	118	111								
(97)	2	40	4	48	150	201	4	48	174	174								
	3	40	1	35	125	175	1	35	144	144								
	1	42		6	69	168		6	96	75								
	2	42	2	34	133	195	2	34	162	161								
	3	42	1	26	119	165	1	26	142	142								
	1	44		2	38	130		2	48	25								
	2	44	1	29	120	192	1	29	143	139								
	3	44	1	21	107	161	1	21	136	136								
2070	1	40	3	26	119	176	3	26	133	120								
(98)	2	40	15	75	170	190	15	75	174	173								
	3	40	4	52	144	173	4	52	159	157								
	1	42	1	17	99	171	1	17	106	77								
	2	42	10	58	160	185	10	58	170	163								
	3	42	2	43	137	168	2	43	151	151								
	1	44		9	59	157		9	65	38								
	2	44	7	43	146	180	7	43	159	149								
	3	44	1	37	128	167	1	37	144	141								
2070	1	40	1	16	112	176	1	16	122	107								
(99)	2	40	2	65	159	198	2	65	174	172								
	3	40	1	42	133	177	1	42	151	150								
	1	42		5	87	170		5	97	76								
	2	42	1	51	141	197	1	51	156	155								
	3	42	1	35	125	172	1	35	144	143								
	1	44		1	52	140		1	61	34								
	2	44	1	32	127	191	1	32	140	136								
	3	44	1	25	115	170	1	25	137	136								
2070	1	40		10	70	164		10	127	124								
(00)	2	40	3	35	143	181	3	35	170	169								
	3	40		23	118	157		23	144	144								
	1	42		4	47	156		4	81	69								
	2	42	1	24	128	177	1	24	158	152								
	3	42		18	110	152		18	140	139								
	1	44		1	29	126		1	42	26								
	2	44		14	103	174		14	145	141								
	3	44		12	97	151		12	135	134								
2070	1	40	1	11	75	130	1	11	99	95								
(01)	2	40	3	34	107	154	3	34	138	136								
	3	40	2	25	96	125	2	25	117	116								
	1	42		4	47	116		4	75	70								
	2	42	2	28	95	147	2	28	125	125								
	3	42	1	22	88	120	1	22	110	110								
	1	44		2	28	95		2	39	23								
	2	44	2	23	88	140	2	23	121	119								
	3	44	1	14	82	114	1	14	109	109								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(10)

City	Alice Springs	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	14	67	176	206	14	67	195	209							7	7
(90)	2	40	43	109	198	231	44	109	222	232	1	1	3	3	15	15	77	77
	3	40	32	82	156	184	34	81	181	190	1	1	5	5	14	15	68	69
	1	42	7	36	144	191	7	36	171	191								
	2	42	34	99	189	226	35	99	217	228			1	1	6	6	49	49
	3	42	26	76	148	182	27	76	173	185			1	1	9	9	54	54
	1	44	2	17	116	177	2	17	139	179								
	2	44	22	86	184	220	21	85	207	224					2	2	27	27
	3	44	22	71	148	178	22	71	166	182					5	5	41	41
2070	1	40	7	51	184	211	7	51	204	216							2	2
(91)	2	40	42	104	203	233	42	104	224	236	3	3	6	6	15	15	65	65
	3	40	26	77	166	193	33	79	189	199	5	5	8	8	21	21	70	71
	1	42	3	30	162	199	3	30	185	204								
	2	42	30	83	200	227	29	82	216	229	1	1	2	2	5	5	43	43
	3	42	21	62	161	188	23	60	184	195			4	4	10	10	48	48
	1	44	2	12	119	186	2	12	149	187								
	2	44	21	65	193	220	20	64	213	225			1	1	1	1	16	16
	3	44	13	49	157	184	12	47	181	190					5	5	32	32
2070	1	40	14	51	174	199	14	51	191	200							2	2
(92)	2	40	33	102	197	215	32	102	210	216			1	1	10	10	53	53
	3	40	23	71	145	173	23	71	170	180			1	1	5	6	47	50
	1	42	9	27	141	193	9	27	175	194								
	2	42	24	89	191	212	24	89	206	213					2	2	32	32
	3	42	18	60	139	168	18	59	167	175					2	2	36	36
	1	44	3	18	115	180	3	18	141	181								
	2	44	21	75	186	204	21	75	198	207							18	18
	3	44	13	50	137	166	13	49	159	169							22	22
2070	1	40	11	58	165	202	12	59	188	204			1	1	1	1	2	2
(93)	2	40	39	100	191	219	39	100	212	221	2	2	2	2	8	8	72	72
	3	40	21	82	157	182	23	84	181	188	1	1	2	2	11	11	75	76
	1	42	4	32	144	184	5	33	165	185							1	1
	2	42	30	92	183	214	30	92	210	216	1	1	1	1	2	2	53	53
	3	42	17	74	152	180	18	75	172	186	1	1	1	1	2	2	52	52
	1	44		19	108	171		19	134	173								
	2	44	22	78	175	208	23	79	202	211	1	1	1	1	1	1	17	17
	3	44	14	67	148	178	15	68	169	183	1	1	1	1	1	1	38	38
2070	1	40	14	65	162	194	14	65	174	195							6	6
(94)	2	40	50	107	187	215	50	106	197	216	1	1	2	2	18	18	57	57
	3	40	30	83	152	183	34	83	174	186	3	3	5	5	19	19	56	58
	1	42	5	39	144	184	5	39	158	186								
	2	42	37	92	183	209	37	92	194	210			1	1	4	4	43	43
	3	42	26	75	147	176	27	75	168	179			2	2	12	12	50	51
	1	44	1	23	118	167	1	23	138	169								
	2	44	31	80	179	201	31	80	189	203					1	1	23	23
	3	44	15	71	144	173	15	71	165	177					3	3	34	34
2070	1	40	11	50	157	196	11	50	183	198							2	2
(95)	2	40	41	87	185	217	41	87	216	222	1	1	3	3	18	18	70	70
	3	40	25	70	140	165	30	72	173	176	7	7	9	9	21	21	67	68
	1	42	6	33	131	183	6	33	169	184								
	2	42	32	75	180	215	33	75	206	217			1	1	3	3	47	47
	3	42	18	61	136	163	21	61	167	171			2	2	11	11	53	53
	1	44	2	13	100	162	2	13	131	168								
	2	44	21	63	168	207	21	63	197	210					1	1	22	22
	3	44	15	59	132	162	15	59	163	169					4	4	44	44

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(Predicted dangerous days for projected 2070 conditions)

Table - 4(10)

City	Alice Springs	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	16	69	188	218	16	69	203	218							3	3
(96)	2	40	48	115	207	237	50	115	230	241	1	1	3	3	12	12	60	60
	3	40	31	89	170	193	31	89	191	198			3	3	14	14	58	59
	1	42	8	37	161	204	8	37	184	204								
	2	42	37	102	201	231	37	102	220	234					3	3	44	44
	3	42	27	81	164	191	27	81	187	195					4	4	50	50
	1	44	3	23	126	192	3	23	147	193								
	2	44	29	84	197	222	29	84	213	224							29	29
	3	44	21	69	158	189	21	69	186	192					2	2	31	31
2070	1	40	8	46	171	201	8	46	191	205								
(97)	2	40	37	96	193	219	36	96	214	223	7	7	8	8	21	21	82	82
	3	40	17	74	163	189	31	82	195	197	15	15	17	17	34	34	91	92
	1	42	4	28	140	189	4	28	178	192								
	2	42	26	79	188	217	23	76	207	220	1	1	3	3	6	6	45	45
	3	42	13	68	156	188	22	71	189	194	10	10	11	11	19	19	66	66
	1	44		12	113	176		12	147	178								
	2	44	17	68	186	211	16	67	203	215							24	24
	3	44	7	56	152	187	8	55	189	193	4	4	5	5	10	10	49	49
2070	1	40	18	74	173	190	18	74	183	192							9	9
(98)	2	40	55	127	182	213	54	126	215	220	1	1	6	6	24	24	83	83
	3	40	36	101	167	181	41	102	186	188	3	3	10	10	30	30	84	84
	1	42	12	42	164	180	12	42	176	180								
	2	42	39	112	179	206	38	111	207	215			1	1	10	10	56	56
	3	42	27	97	164	179	28	97	182	184			3	3	17	17	61	61
	1	44	5	21	138	175	5	21	158	175								
	2	44	27	101	178	200	26	100	198	207					1	1	35	35
	3	44	19	89	159	176	20	89	181	182					7	7	50	50
2070	1	40	7	63	173	198	7	63	188	199							4	4
(99)	2	40	41	117	195	220	43	117	210	222	3	3	9	9	21	21	78	78
	3	40	25	98	167	188	38	102	192	198	10	10	17	17	27	27	82	82
	1	42	2	30	148	191	2	30	179	191							1	1
	2	42	28	105	186	216	28	105	203	219	2	2	2	2	8	8	54	54
	3	42	13	87	165	187	19	90	185	192	4	4	8	8	20	20	64	64
	1	44	1	13	123	175	1	13	146	175								
	2	44	16	88	176	205	16	88	198	207					2	2	31	31
	3	44	9	77	161	186	11	77	181	190	1	1	1	1	8	8	52	52
2070	1	40	6	35	160	181	6	35	187	190							5	5
(00)	2	40	17	76	176	197	22	79	204	206	8	8	11	11	17	17	76	76
	3	40	13	58	151	173	27	69	186	190	16	16	20	20	32	32	96	96
	1	42	1	13	136	174	1	13	172	182								
	2	42	10	63	172	195	11	64	201	202	2	2	6	6	11	11	46	46
	3	42	9	53	147	168	16	58	183	186	8	8	11	11	20	20	73	73
	1	44		8	90	163		8	147	170								
	2	44	10	47	165	188	11	48	192	198	1	1	1	1	2	2	23	23
	3	44	7	46	145	166	11	49	177	181	3	3	4	4	11	11	44	44
2070	1	40	6	32	122	154	6	32	154	162							4	4
(01)	2	40	27	81	144	178	29	80	182	190	1	1	8	8	21	21	77	77
	3	40	14	57	114	142	19	60	160	164	8	8	14	14	30	30	86	86
	1	42	3	23	99	139	3	23	139	146								
	2	42	22	61	139	173	21	60	175	184					5	5	49	49
	3	42	10	54	110	141	11	55	154	158	4	4	8	8	16	16	68	68
	1	44	1	8	84	128	1	8	122	136								
	2	44	11	48	132	166	11	48	170	179					1	1	19	19
	3	44	8	44	109	138	8	44	149	152			1	1	5	5	47	47

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(Predicted dangerous days for projected 2070 conditions)

Table - 4(10a)

City	Alice Springs	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	18	98	179	226	18	98	195	195							7	7
(90)	2	40	58	138	205	242	58	138	222	222	1	30	3	51	15	74	77	77
	3	40	43	124	160	203	43	123	181	181	1	54	5	70	14	89	68	68
	1	42	11	75	164	213	11	75	173	171								
	2	42	43	127	198	239	44	127	218	217		7	1	16	6	34	49	49
	3	42	34	112	156	198	35	112	173	173		29	1	36	9	68	54	54
	1	44	4	42	130	198	4	42	144	136								
	2	44	34	114	189	233	33	114	208	207				1	2	9	27	27
	3	44	27	101	151	197	27	101	167	166		12		18	5	36	41	41
2070	1	40	14	84	187	226	14	84	205	204							2	2
(91)	2	40	50	159	209	249	49	160	224	224	3	14	6	29	15	65	65	65
	3	40	29	120	171	209	35	121	189	189	5	34	8	54	21	89	70	70
	1	42	5	56	179	215	5	56	187	185								
	2	42	41	135	203	245	40	134	216	216	1	2	2	5	5	17	43	43
	3	42	26	109	167	204	28	107	184	184		10	4	20	10	54	48	48
	1	44	2	38	142	202	2	38	155	142								
	2	44	29	116	199	237	28	115	213	213			1	1	1	3	16	16
	3	44	23	93	164	200	22	91	181	181		2		3	5	21	32	32
2070	1	40	19	90	180	212	19	90	191	190							2	2
(92)	2	40	47	141	199	225	46	141	210	210		16	1	27	10	54	53	53
	3	40	27	110	151	189	27	110	170	170		33	1	43	5	76	47	47
	1	42	14	58	154	201	14	58	177	175								
	2	42	32	128	197	222	32	128	207	206		2		6	2	20	32	32
	3	42	23	99	148	182	23	99	167	167		12		24	2	43	36	36
	1	44	4	32	128	197	4	32	147	137								
	2	44	24	115	191	218	24	115	198	198						3	18	18
	3	44	19	92	140	180	19	92	159	158		2		6		24	22	22
2070	1	40	20	91	173	214	21	92	188	188			1	1	1	1	2	2
(93)	2	40	56	142	197	223	56	142	212	212	2	14	2	30	8	68	72	72
	3	40	34	104	164	202	35	105	181	181	1	44	2	57	11	96	75	75
	1	42	9	64	159	205	10	65	167	165							1	1
	2	42	41	124	191	222	41	124	210	210	1	1	1	1	2	20	53	53
	3	42	28	97	157	198	29	98	172	172	1	11	1	21	2	55	52	52
	1	44	1	38	124	191	1	38	141	133								
	2	44	30	106	183	220	31	107	202	202	1	1	1	1	1	1	17	17
	3	44	20	94	154	195	21	95	169	169	1	1	1	5	1	21	38	38
2070	1	40	26	92	170	209	26	92	178	174							6	6
(94)	2	40	61	142	193	222	61	141	198	197	1	26	2	36	18	69	57	57
	3	40	38	125	163	193	41	125	174	174	3	49	5	65	19	89	56	56
	1	42	9	71	155	194	9	71	164	154								
	2	42	50	127	187	220	50	127	194	194		5	1	12	4	31	43	43
	3	42	32	111	158	190	32	111	169	168		23	2	32	12	63	50	50
	1	44	3	49	129	187	3	49	144	132								
	2	44	37	118	183	219	37	118	190	189					1	7	23	23
	3	44	28	98	150	188	28	98	165	165		6		16	3	31	34	34
2070	1	40	13	75	164	215	13	75	184	183							2	2
(95)	2	40	49	127	193	228	49	127	216	216	1	14	3	36	18	64	70	70
	3	40	31	103	145	187	34	105	173	173	7	45	9	58	21	87	67	67
	1	42	8	55	150	196	8	55	171	168								
	2	42	44	111	186	226	44	111	206	206			1	3	3	23	47	47
	3	42	28	96	142	181	31	96	167	167		18	2	32	11	56	53	53
	1	44	5	41	114	185	5	41	134	130								
	2	44	32	100	180	222	32	100	197	197					1	1	22	22
	3	44	19	85	138	175	20	85	163	163		2		8	4	32	44	44

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(Predicted dangerous days for projected 2070 conditions)

Table - 4(10a)

City	Alice Springs	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	24	102	193	231	24	102	203	203							3	3
(96)	2	40	67	156	216	248	69	156	230	230	1	25	3	34	12	75	60	60
	3	40	45	126	178	211	45	126	191	191		46	3	62	14	93	58	58
	1	42	11	76	179	218	11	76	187	184								
	2	42	48	135	208	245	48	135	220	220		3		15	3	29	44	44
	3	42	33	118	173	206	33	118	187	187		22		29	4	60	50	50
	1	44	4	48	137	206	4	48	150	138								
	2	44	37	124	201	238	37	124	213	213						5	29	29
	3	44	28	105	169	203	28	105	186	186		12		18	2	29	31	31
2070	1	40	14	78	178	217	14	78	191	191								
(97)	2	40	48	134	200	232	47	135	215	214	7	18	8	26	21	66	82	82
	3	40	30	117	170	207	43	122	195	195	15	49	17	69	34	101	91	91
	1	42	4	56	159	203	4	56	178	178								
	2	42	35	125	193	229	32	124	207	207	1	2	3	4	6	19	45	45
	3	42	23	107	166	202	31	109	189	189	10	24	11	37	19	68	66	66
	1	44	1	31	127	193	1	31	150	147								
	2	44	25	106	188	224	24	105	203	203						1	24	24
	3	44	16	100	159	197	17	98	189	189	4	7	5	11	10	36	49	49
2070	1	40	21	111	175	206	21	111	183	183							9	9
(98)	2	40	69	162	188	229	68	161	215	215	1	24	6	41	24	80	83	83
	3	40	46	133	169	195	50	134	186	186	3	53	10	75	30	111	84	84
	1	42	15	84	171	194	15	84	176	176								
	2	42	58	151	182	224	57	150	207	207		7	1	8	10	32	56	56
	3	42	38	128	168	193	38	128	182	182		24	3	37	17	72	61	61
	1	44	7	54	151	182	7	54	163	156								
	2	44	39	136	179	217	38	135	198	198				1	1	7	35	35
	3	44	30	118	164	188	31	118	181	181		6		12	7	37	50	50
2070	1	40	13	105	175	216	13	105	188	188							4	4
(99)	2	40	57	145	198	233	59	145	210	210	3	13	9	33	21	71	78	78
	3	40	37	125	172	209	48	126	192	192	10	51	17	66	27	108	82	82
	1	42	4	75	164	200	4	75	179	178							1	1
	2	42	42	132	195	227	42	132	203	203	2	2	2	2	8	19	54	54
	3	42	28	115	171	201	32	116	185	185	4	14	8	31	20	67	64	64
	1	44	1	41	132	195	1	41	148	146								
	2	44	28	123	186	221	28	123	199	198					2	2	31	31
	3	44	19	109	167	198	20	109	181	181	1	2	1	6	8	32	52	52
2070	1	40	8	64	163	195	8	64	187	187							5	5
(00)	2	40	32	134	180	211	37	136	204	204	8	17	11	23	17	46	76	76
	3	40	22	105	153	182	34	112	186	186	16	39	20	52	32	84	96	96
	1	42	3	40	148	185	3	40	172	172								
	2	42	20	113	176	205	21	113	201	201	2	3	6	8	11	18	46	46
	3	42	14	96	151	180	21	102	183	183	8	17	11	22	20	51	73	73
	1	44		17	115	176		17	150	146								
	2	44	11	86	172	198	12	86	193	192	1	1	1	1	2	3	23	23
	3	44	11	80	149	178	15	83	177	177	3	3	4	7	11	20	44	44
2070	1	40	8	60	129	173	8	60	154	154							4	4
(01)	2	40	32	98	153	198	33	97	182	182	1	7	8	18	21	46	77	77
	3	40	23	88	123	160	29	90	160	160	8	34	14	48	30	80	86	86
	1	42	3	43	110	159	3	43	139	139								
	2	42	29	93	143	190	28	92	175	175		2		3	5	11	49	49
	3	42	16	83	117	150	17	83	154	154	4	9	8	22	16	48	68	68
	1	44	2	26	93	143	2	26	123	122								
	2	44	21	84	139	183	21	84	170	170					1	3	19	19
	3	44	12	73	111	150	12	73	149	149		1	1	3	5	19	47	47

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(11)

City	Alice Springs	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	77	129		2	88	128								
(90)	2	40	1	12	114	176	1	12	135	177								
	3	40		4	87	134		4	114	137								
	1	42			41	108			48	108								
	2	42		8	106	172		8	117	172								
	3	42		3	79	132		3	104	134								
	1	44			20	82			21	82								
	2	44		5	93	152		5	109	150								
	3	44		3	75	129		3	97	129								
2070	1	40		2	61	142		2	79	145								
(91)	2	40	1	5	111	185	1	5	144	186								
	3	40		1	84	144		1	117	146								
	1	42			36	100			43	101								
	2	42		4	92	184		4	121	184								
	3	42		1	69	137		1	102	139								
	1	44			19	62			19	62								
	2	44		3	79	173		3	101	174								
	3	44			63	134			91	136								
2070	1	40		3	57	128		3	71	129								
(92)	2	40		14	111	176		14	138	177								
	3	40		3	76	127		3	111	129								
	1	42			31	101			34	101								
	2	42		10	97	171		10	128	173								
	3	42		3	67	124		3	96	126								
	1	44			20	72			20	72								
	2	44		5	82	149		5	104	153								
	3	44		1	56	122		1	88	125								
2070	1	40			65	127			85	129								
(93)	2	40		9	104	167		9	127	169								
	3	40		1	90	129		1	119	137								
	1	42			38	100			47	100								
	2	42		5	96	163		5	117	163								
	3	42			77	124			106	127								
	1	44			22	76			22	76								
	2	44		1	83	150		1	110	150								
	3	44			72	117			100	121								
2070	1	40		1	69	130		1	75	130								
(94)	2	40	1	9	110	166	1	9	126	167								
	3	40	1	5	89	139	1	5	110	140								
	1	42		1	44	103		1	49	104								
	2	42	1	5	99	160	1	5	108	160								
	3	42	1	1	81	134	1	1	96	136								
	1	44			29	77			29	77								
	2	44	1	3	85	149	1	3	93	151								
	3	44	1	1	75	133	1	1	83	134								
2070	1	40		1	54	114		1	70	119								
(95)	2	40	1	8	92	158	1	8	125	164								
	3	40		5	75	119		5	108	125								
	1	42		1	38	86		1	45	89								
	2	42	1	6	82	155	1	6	113	159								
	3	42		5	69	118		5	100	123								
	1	44			17	61			19	61								
	2	44		5	66	141		5	98	147								
	3	44		4	61	113		4	93	118								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(11)

City	Alice Springs	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		3	75	140		3	81	140								
(96)	2	40	1	14	122	189	1	14	140	190								
	3	40	1	9	97	148	1	9	118	149								
	1	42			43	113			49	113								
	2	42		9	108	185		9	125	187								
	3	42		6	86	143		6	107	144								
	1	44			25	80			26	81								
	2	44		4	87	172		4	99	174								
	3	44		5	79	140		5	97	142								
2070	1	40			61	127			92	133								
(97)	2	40		5	106	173		5	141	177								
	3	40		1	85	135		1	128	141								
	1	42			33	90			45	98								
	2	42		4	89	168		4	127	173								
	3	42		1	71	129		1	118	139								
	1	44			15	63			16	64								
	2	44		1	80	148		1	117	157								
	3	44		1	67	127		1	109	134								
2070	1	40		5	81	152		5	95	153								
(98)	2	40	2	16	133	173	2	16	154	173								
	3	40		4	108	154		4	134	155								
	1	42		1	46	124		1	58	126								
	2	42	1	13	118	171	1	13	138	172								
	3	42		4	99	151		4	128	152								
	1	44			24	99			24	99								
	2	44	1	8	106	169	1	8	121	169								
	3	44		2	95	150		2	122	151								
2070	1	40		1	72	132		1	91	132								
(99)	2	40	1	5	121	173	1	5	140	173								
	3	40		1	104	149		1	132	151								
	1	42			37	114			48	115								
	2	42		2	111	170		2	127	171								
	3	42		1	93	143		1	129	146								
	1	44			14	87			16	87								
	2	44		1	93	159		1	112	160								
	3	44		1	85	139		1	116	143								
2070	1	40			39	121			79	128								
(00)	2	40		4	83	162		4	141	169								
	3	40			66	133			127	142								
	1	42			18	72			35	83								
	2	42		2	67	156		2	136	166								
	3	42			57	127			123	138								
	1	44			10	47			12	48								
	2	44			55	142			120	155								
	3	44			53	121			114	133								
2070	1	40		1	40	93		1	73	99								
(01)	2	40	1	3	80	124	1	3	120	133								
	3	40		3	61	102		3	103	112								
	1	42		1	26	76		1	43	81								
	2	42	1	3	72	119	1	3	106	129								
	3	42		2	57	100		2	100	111								
	1	44			10	47			10	47								
	2	44		2	49	107		2	94	116								
	3	44		1	55	96		1	90	105								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(11a)

City	Alice Springs	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		8	85	172		8	93	74								
(90)	2	40	2	26	128	189	2	26	140	132								
	3	40		19	105	148		19	119	110								
	1	42		3	55	135		3	60	30								
	2	42	1	16	115	187	1	16	121	114								
	3	42		14	93	146		14	109	102								
	1	44		1	30	112		1	31	7								
	2	44		14	106	178		14	113	101								
	3	44		8	83	141		8	100	92								
2070	1	40		4	68	184		4	84	63								
(91)	2	40	1	21	135	199	1	21	153	136								
	3	40		9	95	162		9	119	113								
	1	42		2	48	159		2	55	21								
	2	42	1	12	113	196	1	12	134	116								
	3	42		7	89	157		7	113	101								
	1	44		1	25	108		1	25	2								
	2	44		7	92	189		7	107	91								
	3	44		4	80	153		4	99	86								
2070	1	40		10	74	171		10	83	55								
(92)	2	40	2	22	126	193	2	22	145	135								
	3	40		8	94	140		8	114	110								
	1	42		4	44	139		4	44	21								
	2	42		17	112	190		17	134	124								
	3	42		6	85	137		6	103	95								
	1	44			23	111			23	2								
	2	44		14	97	180		14	110	95								
	3	44		5	73	134		5	92	84								
2070	1	40		5	78	163		5	91	73								
(93)	2	40		26	120	184		26	134	127								
	3	40		14	95	151		14	120	119								
	1	42			53	140			55	26								
	2	42		19	104	179		19	118	114								
	3	42		11	92	147		11	110	105								
	1	44			28	104			28	2								
	2	44		10	96	172		10	113	105								
	3	44		2	84	144		2	105	92								
2070	1	40		6	78	160		6	81	55								
(94)	2	40	1	33	125	184	1	33	137	119								
	3	40	1	15	99	149	1	15	113	105								
	1	42		2	60	139		2	64	24								
	2	42	1	23	115	182	1	23	120	96								
	3	42	1	14	92	143	1	14	102	90								
	1	44		1	37	110		1	37	4								
	2	44	1	12	99	171	1	12	104	84								
	3	44	1	9	85	142	1	9	91	75								
2070	1	40		6	62	155		6	75	64								
(95)	2	40	1	21	110	183	1	21	128	122								
	3	40		14	91	138		14	110	108								
	1	42		4	48	123		4	52	25								
	2	42	1	13	94	174	1	13	115	108								
	3	42		9	84	132		9	103	99								
	1	44		1	28	92		1	30	3								
	2	44	1	10	82	164	1	10	105	91								
	3	44		8	72	127		8	94	91								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(11a)

City	Alice Springs	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		9	83	185		9	87	58								
(96)	2	40	3	31	132	203	3	31	144	129								
	3	40	2	20	110	167	2	20	123	115								
	1	42		3	65	155		3	68	34								
	2	42	1	22	123	199	1	22	134	116								
	3	42	1	17	101	158	1	17	110	101								
	1	44		1	34	121		1	35	4								
	2	44		16	108	194		16	112	88								
	3	44	1	14	92	153	1	14	103	92								
2070	1	40		4	72	168		4	99	77								
(97)	2	40		19	122	189		19	144	141								
	3	40		7	103	157		7	129	128								
	1	42		1	41	131		1	52	28								
	2	42		12	105	185		12	133	124								
	3	42		5	93	150		5	124	118								
	1	44			22	99			23	1								
	2	44		6	89	178		6	117	109								
	3	44		3	78	146		3	110	106								
2070	1	40		13	99	171		13	108	81								
(98)	2	40	5	31	151	180	5	31	161	150								
	3	40		15	121	163		15	135	134								
	1	42		6	65	160		6	72	42								
	2	42	2	21	132	178	2	21	146	134								
	3	42		11	111	158		11	128	127								
	1	44		2	36	132		2	36	9								
	2	44	1	17	118	174	1	17	130	116								
	3	44		8	102	156		8	126	121								
2070	1	40		2	87	170		2	99	78								
(99)	2	40	1	19	129	191	1	19	142	138								
	3	40		7	111	167		7	133	131								
	1	42		1	54	142		1	62	36								
	2	42	1	13	122	182	1	13	132	125								
	3	42		5	108	161		5	131	127								
	1	44		1	25	121		1	26	6								
	2	44		5	111	176		5	121	105								
	3	44		2	99	155		2	119	112								
2070	1	40		3	47	156		3	84	72								
(00)	2	40		10	108	174		10	146	141								
	3	40		5	87	148		5	128	127								
	1	42			30	131			45	29								
	2	42		8	84	168		8	137	136								
	3	42		4	69	143		4	123	123								
	1	44			10	82			12	5								
	2	44		5	67	164		5	121	115								
	3	44		3	59	142		3	114	114								
2070	1	40		3	47	119		3	75	71								
(01)	2	40	1	13	91	139	1	13	122	120								
	3	40		7	76	109		7	103	103								
	1	42		1	29	96		1	45	31								
	2	42	1	8	81	136	1	8	108	106								
	3	42		5	67	108		5	100	100								
	1	44		1	18	80		1	18	3								
	2	44	1	6	72	128	1	6	96	93								
	3	44		4	57	105		4	90	89								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(12)

City	Alice Springs	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	15	113	176	2	15	130	177								
(90)	2	40	10	43	160	199	10	43	185	201							2	2
	3	40	3	33	130	154	3	33	146	156							3	3
	1	42		8	88	148		8	104	147								
	2	42	6	35	143	189	6	35	171	189								
	3	42	3	27	125	148	3	27	143	152								
	1	44		3	58	117		3	71	117								
	2	44	4	26	130	184	4	26	157	184								
	3	44	1	24	120	146	1	24	135	147								
2070	1	40	1	7	107	185	1	7	133	186								
(91)	2	40	5	40	176	202	5	40	191	207								
	3	40	1	25	134	166	1	25	157	173								
	1	42		4	72	168		4	96	169								
	2	42	3	29	160	199	3	29	184	204								
	3	42	1	21	123	163	1	21	148	172								
	1	44		2	51	121		2	66	126								
	2	44	2	21	138	195	2	21	170	198								
	3	44		18	115	159		18	144	167								
2070	1	40	2	15	104	175	2	15	134	176								
(92)	2	40	13	33	152	197	13	33	182	197								
	3	40	3	23	120	146	3	23	140	153								
	1	42		10	75	145		10	94	147								
	2	42	9	27	141	192	9	27	174	193								
	3	42	2	18	114	140	2	18	138	147								
	1	44		3	45	117		3	53	117								
	2	44	4	22	128	187	4	22	157	187								
	3	44	1	15	107	137	1	15	136	145								
2070	1	40		15	103	165		15	124	166								
(93)	2	40	8	42	154	191	9	43	174	192					1	1	1	1
	3	40	1	25	117	157	1	25	139	156							1	1
	1	42		5	79	147		5	104	147								
	2	42	4	31	143	184	5	32	165	185							1	1
	3	42		20	110	153		20	134	153							1	1
	1	44			53	113			68	113								
	2	44		26	121	177		26	154	180							1	1
	3	44		14	105	148		14	130	149								
2070	1	40	1	15	108	165	1	15	120	166								
(94)	2	40	8	52	150	187	8	52	165	189							1	1
	3	40	2	32	133	155	2	32	144	156							1	1
	1	42	1	5	81	144	1	5	88	146								
	2	42	5	38	143	184	5	38	157	186								
	3	42	1	27	128	150	1	27	137	151								
	1	44		2	60	120		2	66	120								
	2	44	3	33	129	180	3	33	147	182								
	3	44	1	19	120	145	1	19	135	147								
2070	1	40	1	11	88	157	1	11	123	164								
(95)	2	40	7	44	145	186	7	44	176	187								
	3	40	5	27	111	141	5	27	137	149								
	1	42	1	6	63	135	1	6	93	141								
	2	42	6	32	129	183	6	32	168	184								
	3	42	5	19	109	138	5	19	132	147								
	1	44		3	48	103		3	61	108								
	2	44	5	21	112	171	5	21	151	176								
	3	44	4	16	102	133	4	16	127	142								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(12)

City	Alice Springs	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	17	118	188	3	17	135	189								
(96)	2	40	11	50	176	208	11	50	194	208								
	3	40	6	33	138	172	6	33	153	172								
	1	42		9	85	167		9	95	168								
	2	42	8	37	159	203	8	37	183	203								
	3	42	5	28	132	167	5	28	150	167								
	1	44		3	65	126		3	73	127								
	2	44	4	31	134	197	4	31	163	197								
	3	44	4	23	123	160	4	23	144	160								
2070	1	40		8	99	172		8	134	175								
(97)	2	40	4	32	156	193	4	32	185	196								
	3	40	1	21	126	162	1	21	159	172								
	1	42		4	76	140		4	112	151								
	2	42	4	25	138	189	4	25	177	192								
	3	42	1	16	123	158	1	16	152	168								
	1	44			47	111			68	119								
	2	44	1	19	124	185	1	19	167	188								
	3	44	1	8	115	154	1	8	144	160								
2070	1	40	5	18	129	173	5	18	152	173								
(98)	2	40	15	57	170	182	15	57	179	183							1	1
	3	40	4	37	148	167	4	37	166	171							2	2
	1	42	1	13	100	167	1	13	121	167								
	2	42	12	42	162	180	12	42	176	180								
	3	42	4	29	139	163	4	29	163	168								
	1	44		6	68	140		6	75	140								
	2	44	7	31	151	179	7	31	170	179								
	3	44	2	24	128	160	2	24	157	163								
2070	1	40	1	7	119	173	1	7	135	173								
(99)	2	40	4	47	163	195	4	47	184	196							2	2
	3	40	1	28	136	171	1	28	158	172							1	1
	1	42		2	88	150		2	106	151								
	2	42	2	30	147	190	2	30	178	190							1	1
	3	42	1	16	129	167	1	16	154	167								
	1	44		1	55	123		1	73	123								
	2	44	1	19	131	179	1	19	160	179								
	3	44	1	9	122	163	1	9	150	165								
2070	1	40		6	79	161		6	140	169								
(00)	2	40	3	21	147	176	3	21	180	182								
	3	40		13	118	151		13	161	165								
	1	42		2	47	138		2	113	150								
	2	42	1	13	135	173	1	13	171	181								
	3	42		11	114	149		11	156	163								
	1	44			31	95			63	105								
	2	44		10	111	166		10	160	172								
	3	44		7	100	144		7	144	156								
2070	1	40	1	6	80	124	1	6	115	133								
(01)	2	40	3	28	110	145	3	28	146	153							1	1
	3	40	3	14	96	114	3	14	127	127							1	1
	1	42	1	3	48	102	1	3	90	112								
	2	42	3	23	97	139	3	23	139	146								
	3	42	1	12	91	109	1	12	123	124							1	1
	1	44		1	31	85		1	65	93								
	2	44	2	13	92	134	2	13	129	141								
	3	44	1	8	85	109	1	8	116	121								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(12a)

City	Alice Springs	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	35	121	188	3	35	134	125								
(90)	2	40	14	83	176	220	14	83	186	185							2	2
	3	40	5	59	134	171	5	59	146	146							3	3
	1	42	1	16	101	177	1	16	110	94								
	2	42	11	75	162	210	11	75	173	171								
	3	42	4	55	131	165	4	55	143	143								
	1	44		10	76	157		10	82	53								
	2	44	7	55	143	202	7	55	159	157								
	3	44	3	46	129	162	3	46	135	135								
2070	1	40	2	29	128	199	2	29	145	125								
(91)	2	40	7	63	184	220	7	63	192	191								
	3	40	2	41	139	179	2	41	158	157								
	1	42	1	12	90	186	1	12	103	87								
	2	42	5	56	176	214	5	56	186	183								
	3	42	1	35	135	176	1	35	149	148								
	1	44		5	61	176		5	73	47								
	2	44	3	46	160	208	3	46	174	169								
	3	44	1	30	131	173	1	30	146	144								
2070	1	40	4	27	120	192	4	27	141	133								
(92)	2	40	14	74	173	204	14	74	184	182								
	3	40	4	41	126	160	4	41	141	140								
	1	42		17	90	180		17	101	81								
	2	42	14	57	153	201	14	57	175	174								
	3	42	3	37	122	156	3	37	138	138								
	1	44		13	58	152		13	62	38								
	2	44	9	44	141	199	9	44	157	154								
	3	44	3	28	117	154	3	28	136	136								
2070	1	40		32	114	184		32	127	123								
(93)	2	40	10	77	164	207	11	78	174	174					1	1	1	1
	3	40	2	58	126	173	2	58	140	139							1	1
	1	42		16	93	171		16	107	94								
	2	42	8	64	156	204	9	65	166	165							1	1
	3	42	1	47	119	169	1	47	136	133							1	1
	1	44		8	65	154		8	77	59								
	2	44	4	52	143	195	4	52	158	148							1	1
	3	44		41	115	166		41	131	128								
2070	1	40	2	38	123	184	2	38	131	109								
(94)	2	40	12	78	162	200	12	78	168	165							1	1
	3	40	6	64	137	169	6	64	144	144							1	1
	1	42	1	22	93	167	1	22	99	78								
	2	42	9	70	152	194	9	70	161	154								
	3	42	5	57	134	169	5	57	139	137								
	1	44	1	8	71	149	1	8	75	46								
	2	44	5	60	143	191	5	60	153	147								
	3	44	1	44	133	168	1	44	137	134								
2070	1	40	4	32	105	183	4	32	125	120								
(95)	2	40	10	62	156	205	10	62	176	176								
	3	40	6	53	118	156	6	53	137	137								
	1	42	1	13	75	162	1	13	99	85								
	2	42	7	55	150	196	7	55	171	167								
	3	42	5	42	114	152	5	42	133	132								
	1	44		7	55	145		7	66	50								
	2	44	6	48	129	192	6	48	156	150								
	3	44	5	37	109	149	5	37	127	127								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(12a)

City	Alice Springs	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	37	129	202	3	37	140	125								
(96)	2	40	16	83	188	222	16	83	196	193								
	3	40	12	61	144	185	12	61	153	153								
	1	42	1	22	103	192	1	22	107	82								
	2	42	11	75	177	218	11	75	187	183								
	3	42	9	57	141	184	9	57	150	150								
	1	44		11	76	175		11	81	47								
	2	44	8	65	158	212	8	65	170	163								
	3	44	6	49	136	181	6	49	147	144								
2070	1	40	1	25	116	189	1	25	137	134								
(97)	2	40	6	67	171	210	6	67	185	185								
	3	40	2	47	132	182	2	47	159	159								
	1	42		12	84	175		12	114	103								
	2	42	4	55	156	202	4	55	178	177								
	3	42	1	41	129	177	1	41	152	152								
	1	44		4	61	153		4	78	52								
	2	44	4	39	137	199	4	39	167	167								
	3	44	1	35	125	174	1	35	144	144								
2070	1	40	6	42	142	180	6	42	157	147								
(98)	2	40	17	99	173	200	17	99	179	179							1	1
	3	40	6	83	152	175	6	83	166	166							2	2
	1	42	2	21	114	174	2	21	127	108								
	2	42	15	82	170	194	15	82	176	176								
	3	42	4	66	150	175	4	66	163	163								
	1	44	1	15	84	169	1	15	89	61								
	2	44	12	66	162	188	12	66	172	170								
	3	44	4	52	144	173	4	52	159	157								
2070	1	40	1	30	125	190	1	30	137	134								
(99)	2	40	5	87	172	204	5	87	184	184							2	2
	3	40	1	63	144	184	1	63	159	158							1	1
	1	42	1	13	105	175	1	13	113	98								
	2	42	4	73	164	198	4	73	178	177							1	1
	3	42	1	54	139	181	1	54	154	153								
	1	44		4	75	163		4	83	59								
	2	44	2	55	147	198	2	55	161	160								
	3	44	1	42	133	177	1	42	151	150								
2070	1	40		13	101	173		13	142	140								
(00)	2	40	5	47	160	187	5	47	180	180								
	3	40	1	38	128	163	1	38	161	161								
	1	42		8	64	163		8	117	109								
	2	42	3	39	148	184	3	39	171	171								
	3	42		33	122	159		33	156	156								
	1	44		3	40	146		3	70	54								
	2	44	1	29	135	179	1	29	162	160								
	3	44		23	118	156		23	144	144								
2070	1	40	1	23	86	139	1	23	115	114								
(01)	2	40	6	47	122	164	6	47	146	146							1	1
	3	40	3	36	101	133	3	36	127	127							1	1
	1	42	1	8	62	128	1	8	92	89								
	2	42	3	41	109	158	3	41	139	139								
	3	42	3	31	96	131	3	31	123	123							1	1
	1	44		3	43	109		3	69	58								
	2	44	3	30	97	151	3	30	129	129								
	3	44	2	25	96	125	2	25	117	116								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(13)

City	Alice Springs	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		5	79	131		5	89	130								
(90)	2	40	2	15	116	177	2	15	137	179								
	3	40		11	89	138		11	118	139								
	1	42		2	44	109		2	53	109								
	2	42	2	14	110	174	2	14	121	174								
	3	42		6	80	132		6	107	134								
	1	44			21	86			22	86								
	2	44		10	98	158		10	111	157								
	3	44		4	78	132		4	100	133								
2070	1	40		2	66	149		2	83	153								
(91)	2	40	2	10	117	186	2	10	147	187								
	3	40		6	86	145		6	122	149								
	1	42		1	43	105		1	50	107								
	2	42	1	6	100	184	1	6	128	184								
	3	42		3	77	139		3	106	142								
	1	44			21	64			21	64								
	2	44		5	80	176		5	105	177								
	3	44		1	63	135		1	95	138								
2070	1	40		5	62	131		5	79	132								
(92)	2	40	3	17	113	179	3	17	140	180								
	3	40		6	80	129		6	115	132								
	1	42		2	32	102		2	36	102								
	2	42	1	14	98	173	1	14	133	174								
	3	42		4	70	126		4	102	128								
	1	44			21	74			21	74								
	2	44		12	85	152		12	109	156								
	3	44		3	62	123		3	93	125								
2070	1	40		1	67	130		1	90	132								
(93)	2	40		16	105	170		16	129	171								
	3	40		7	91	132		7	119	139								
	1	42			39	101			52	102								
	2	42		10	100	163		10	120	164								
	3	42		2	81	126		2	111	130								
	1	44			22	79			22	79								
	2	44		7	85	154		7	113	154								
	3	44		1	74	122		1	103	126								
2070	1	40		3	72	132		3	78	133								
(94)	2	40	1	21	118	167	1	21	136	169								
	3	40	1	11	92	140	1	11	113	141								
	1	42		1	50	106		1	55	107								
	2	42	1	12	101	161	1	12	113	161								
	3	42	1	8	84	138	1	8	99	139								
	1	44		1	31	78		1	31	78								
	2	44	1	7	86	149	1	7	94	151								
	3	44	1	5	77	134	1	5	86	136								
2070	1	40		5	55	117		5	72	121								
(95)	2	40	1	13	98	160	1	13	128	166								
	3	40	1	8	78	123	1	8	111	130								
	1	42		1	42	88		1	51	93								
	2	42	1	9	85	156	1	9	119	162								
	3	42		6	71	118		6	104	124								
	1	44		1	20	63		1	22	63								
	2	44	1	7	70	145	1	7	101	150								
	3	44		6	61	115		6	94	120								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(13)

City	Alice Springs	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	77	145		4	82	145								
(96)	2	40	3	20	125	191	3	20	144	192								
	3	40	3	14	99	149	3	14	121	150								
	1	42		3	48	116		3	53	116								
	2	42	1	15	113	187	1	15	129	189								
	3	42	2	13	89	147	2	13	112	148								
	1	44			28	83			29	84								
	2	44		11	97	175		11	107	177								
	3	44	1	10	82	143	1	10	101	144								
2070	1	40		1	65	129		1	100	139								
(97)	2	40		12	111	175		12	146	177								
	3	40		3	89	136		3	133	144								
	1	42			34	93			47	102								
	2	42		6	93	170		6	131	174								
	3	42		3	77	133		3	122	141								
	1	44			17	68			18	68								
	2	44		4	80	153		4	118	161								
	3	44		1	70	129		1	113	138								
2070	1	40		8	87	155		8	103	156								
(98)	2	40	5	20	135	173	5	20	155	173								
	3	40	1	10	110	154	1	10	140	157								
	1	42		3	57	126		3	65	127								
	2	42	3	17	120	173	3	17	143	173								
	3	42		7	100	152		7	130	154								
	1	44		1	26	100		1	27	100								
	2	44	1	15	108	169	1	15	125	170								
	3	44		5	97	150		5	123	151								
2070	1	40		1	77	135		1	94	135								
(99)	2	40	1	13	123	175	1	13	144	175								
	3	40		3	106	150		3	133	151								
	1	42		1	41	117		1	56	117								
	2	42	1	5	112	172	1	5	131	173								
	3	42		2	99	148		2	130	150								
	1	44			16	87			18	87								
	2	44		3	96	163		3	115	164								
	3	44		1	90	143		1	121	146								
2070	1	40			42	124			87	133								
(00)	2	40		7	85	163		7	147	170								
	3	40		3	71	138		3	132	147								
	1	42			21	78			39	87								
	2	42		5	70	158		5	138	167								
	3	42		2	59	129		2	126	140								
	1	44			10	47			12	48								
	2	44		3	60	146		3	125	159								
	3	44			53	123			120	137								
2070	1	40		2	43	93		2	80	102								
(01)	2	40	1	7	82	126	1	7	122	135								
	3	40		4	63	102		4	108	115								
	1	42		1	26	80		1	46	85								
	2	42	1	5	75	120	1	5	111	130								
	3	42		3	57	102		3	100	112								
	1	44			11	48			13	48								
	2	44	1	3	50	109	1	3	96	117								
	3	44		3	56	98		3	92	108								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(13a)

City	Alice Springs	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		14	87	174		14	95	77								
(90)	2	40	4	39	130	196	4	39	142	134								
	3	40		27	110	154		27	122	115								
	1	42		6	61	139		6	65	35								
	2	42	2	29	116	188	2	29	125	117								
	3	42		25	99	146		25	112	105								
	1	44		2	34	114		2	35	8								
	2	44	2	20	110	182	2	20	116	104								
	3	44		20	86	145		20	104	97								
2070	1	40		6	72	184		6	89	68								
(91)	2	40	2	33	142	202	2	33	155	140								
	3	40		23	103	165		23	123	119								
	1	42		3	53	160		3	59	23								
	2	42	2	25	119	198	2	25	140	120								
	3	42		20	92	160		20	116	105								
	1	44		2	29	114		2	29	3								
	2	44	1	19	98	192	1	19	114	98								
	3	44		10	82	156		10	104	93								
2070	1	40		14	75	173		14	86	60								
(92)	2	40	4	31	128	196	4	31	147	136								
	3	40		20	98	145		20	116	115								
	1	42		8	46	141		8	47	23								
	2	42	3	23	115	191	3	23	138	130								
	3	42		16	89	139		16	108	101								
	1	44		3	24	113		3	24	4								
	2	44	1	21	98	183	1	21	114	102								
	3	44		10	76	134		10	95	87								
2070	1	40		10	79	163		10	95	77								
(93)	2	40		36	124	189		36	137	129								
	3	40		20	95	155		20	120	119								
	1	42		4	56	143		4	61	31								
	2	42		27	108	181		27	122	116								
	3	42		15	94	150		15	113	109								
	1	44			30	105			30	3								
	2	44		21	100	173		21	117	108								
	3	44		14	89	144		14	108	96								
2070	1	40	1	12	80	161	1	12	84	58								
(94)	2	40	3	43	129	187	3	43	143	127								
	3	40	1	28	103	152	1	28	117	108								
	1	42		4	62	142		4	65	26								
	2	42	1	37	118	182	1	37	124	101								
	3	42	1	22	96	145	1	22	106	95								
	1	44		1	37	118		1	37	7								
	2	44	1	29	101	176	1	29	106	84								
	3	44	1	15	88	142	1	15	95	81								
2070	1	40	1	9	63	156	1	9	77	68								
(95)	2	40	5	38	114	185	5	38	132	126								
	3	40	2	23	93	140	2	23	114	111								
	1	42		6	50	128		6	57	31								
	2	42	1	29	100	178	1	29	122	115								
	3	42	1	16	85	134	1	16	106	103								
	1	44		1	32	98		1	34	4								
	2	44	1	17	85	167	1	17	106	93								
	3	44		15	74	131		15	95	93								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(13a)

City	Alice Springs	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		15	85	187		15	89	61								
(96)	2	40	4	43	137	206	4	43	148	136								
	3	40	3	28	115	170	3	28	126	118								
	1	42		8	67	158		8	70	34								
	2	42	3	35	126	200	3	35	137	120								
	3	42	3	24	104	162	3	24	115	109								
	1	44		3	37	124		3	38	4								
	2	44	1	26	113	196	1	26	117	92								
	3	44	2	21	96	157	2	21	105	94								
2070	1	40		6	75	170		6	106	86								
(97)	2	40	1	31	127	192	1	31	150	145								
	3	40	1	17	107	158	1	17	134	133								
	1	42		4	44	135		4	56	32								
	2	42		22	111	187		22	137	130								
	3	42		10	98	153		10	125	122								
	1	44			24	105			25	2								
	2	44		15	93	184		15	118	111								
	3	44		7	82	149		7	116	110								
2070	1	40	1	17	100	172	1	17	111	87								
(98)	2	40	7	46	151	182	7	46	161	153								
	3	40	1	31	124	166	1	31	142	140								
	1	42		10	71	161		10	76	44								
	2	42	5	37	138	179	5	37	148	139								
	3	42	1	24	116	162	1	24	132	130								
	1	44		5	38	134		5	39	12								
	2	44	3	25	119	176	3	25	133	120								
	3	44		16	107	157		16	126	122								
2070	1	40		5	88	172		5	100	82								
(99)	2	40	1	36	132	192	1	36	147	144								
	3	40		23	114	167		23	134	132								
	1	42		2	58	147		2	69	41								
	2	42	1	25	123	186	1	25	134	130								
	3	42		10	108	165		10	132	129								
	1	44		1	28	123		1	29	8								
	2	44	1	14	112	176	1	14	122	107								
	3	44		7	102	158		7	124	118								
2070	1	40		5	47	158		5	89	79								
(00)	2	40		17	115	175		17	150	146								
	3	40		12	94	151		12	134	132								
	1	42		1	34	134		1	50	31								
	2	42		10	90	171		10	141	138								
	3	42		9	78	145		9	128	126								
	1	44			10	84			12	5								
	2	44		10	70	164		10	127	124								
	3	44		5	63	142		5	120	120								
2070	1	40		5	48	120		5	80	76								
(01)	2	40	2	25	93	141	2	25	123	122								
	3	40	1	13	77	111	1	13	108	108								
	1	42		2	31	97		2	49	36								
	2	42	1	18	84	138	1	18	111	109								
	3	42		10	70	109		10	100	100								
	1	44		1	21	82		1	23	6								
	2	44	1	10	75	130	1	10	99	95								
	3	44		7	60	106		7	93	91								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(14)

City	Alice Springs	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	14	109	174	2	14	118	174								
(90)	2	40	8	39	150	194	8	39	173	195							1	1
	3	40	3	27	127	149	3	27	143	153								
	1	42		6	81	137		6	94	135								
	2	42	5	29	134	188	5	29	165	188								
	3	42	2	24	120	146	2	24	139	148								
	1	44		2	46	112		2	57	112								
	2	44	3	18	123	182	3	18	146	182								
	3	44		19	112	144		19	129	145								
2070	1	40	1	6	94	184	1	6	122	184								
(91)	2	40	4	33	168	201	4	33	185	206								
	3	40	1	22	129	164	1	22	150	173								
	1	42		3	67	159		3	87	161								
	2	42	3	24	150	196	3	24	179	200								
	3	42		18	115	159		18	145	167								
	1	44		2	47	109		2	57	112								
	2	44	2	17	128	190	2	17	155	191								
	3	44		9	106	155		9	138	162								
2070	1	40	1	14	98	173	1	14	128	174								
(92)	2	40	10	30	145	194	10	30	176	195								
	3	40	2	19	115	140	2	19	138	147								
	1	42		7	69	139		7	86	141								
	2	42	5	23	131	190	5	23	165	191								
	3	42	1	16	107	137	1	16	137	145								
	1	44		3	38	111		3	43	111								
	2	44	4	20	120	180	4	20	147	181								
	3	44		8	99	134		8	130	143								
2070	1	40		9	98	163		9	117	163								
(93)	2	40	5	34	147	187	6	35	170	188					1	1	1	1
	3	40		20	111	154		20	135	154							1	1
	1	42		3	71	140		3	97	141								
	2	42	1	27	130	179	2	28	162	182							1	1
	3	42		14	105	148		14	131	149							1	1
	1	44			45	104			57	105								
	2	44		21	114	173		21	139	176							1	1
	3	44		14	96	144		14	125	147								
2070	1	40	1	12	101	161	1	12	110	161								
(94)	2	40	6	43	145	187	6	43	161	189								
	3	40	1	28	131	150	1	28	142	151								
	1	42	1	4	74	139	1	4	79	140								
	2	42	3	37	133	182	3	37	150	184								
	3	42	1	19	120	145	1	19	135	147								
	1	44		1	53	110		1	59	110								
	2	44	2	28	124	172	2	28	144	174								
	3	44	1	15	107	143	1	15	130	145								
2070	1	40	1	9	84	156	1	9	114	161								
(95)	2	40	6	37	135	184	6	37	171	185								
	3	40	5	19	110	138	5	19	132	147								
	1	42		6	58	123		6	80	129								
	2	42	5	28	118	175	5	28	161	178								
	3	42	4	16	102	133	4	16	127	142								
	1	44		1	44	92		1	54	96								
	2	44	4	16	106	166	4	16	138	171								
	3	44	2	14	94	130	2	14	123	137								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(14)

City	Alice Springs	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	15	109	187	1	15	126	189								
(96)	2	40	9	40	168	206	9	40	186	205								
	3	40	6	28	134	169	6	28	152	169								
	1	42		8	78	155		8	85	155								
	2	42	5	34	146	201	5	34	176	201								
	3	42	5	23	123	160	5	23	145	161								
	1	44		3	57	121		3	62	122								
	2	44	3	25	129	195	3	25	154	196								
	3	44	3	20	117	157	3	20	134	157								
2070	1	40		6	91	170		6	127	174								
(97)	2	40	4	30	144	192	4	30	180	194								
	3	40	1	16	124	158	1	16	153	168								
	1	42		2	67	132		2	103	143								
	2	42	1	22	132	185	1	22	173	188								
	3	42	1	8	115	154	1	8	146	162								
	1	44			38	101			51	110								
	2	44	1	15	116	181	1	15	152	183								
	3	44	1	7	108	149	1	7	142	156								
2070	1	40	2	17	119	173	2	17	138	173								
(98)	2	40	13	44	168	181	13	44	177	181							1	1
	3	40	4	30	140	163	4	30	165	169								
	1	42	1	10	96	160	1	10	114	161								
	2	42	8	36	156	179	8	36	173	179								
	3	42	2	24	128	160	2	24	159	165								
	1	44		5	57	132		5	66	133								
	2	44	6	22	142	175	6	22	164	177								
	3	44	1	15	127	156	1	15	152	161								
2070	1	40	1	5	112	170	1	5	128	171								
(99)	2	40	2	33	150	191	2	33	180	192							1	1
	3	40	1	19	132	167	1	19	154	167								
	1	42		2	82	142		2	99	142								
	2	42	1	25	135	184	1	25	170	186								
	3	42	1	10	122	163	1	10	150	165								
	1	44		1	49	121		1	65	121								
	2	44	1	14	125	176	1	14	151	176								
	3	44		7	114	158		7	143	160								
2070	1	40		5	69	156		5	136	166								
(00)	2	40	3	15	139	174	3	15	173	182								
	3	40		11	115	149		11	157	164								
	1	42		1	44	131		1	98	143								
	2	42		10	125	170		10	167	177								
	3	42		7	100	144		7	147	157								
	1	44			24	82			45	90								
	2	44		10	101	164		10	150	172								
	3	44		5	95	143		5	139	153								
2070	1	40	1	5	74	120	1	5	108	130								
(01)	2	40	3	25	103	140	3	25	140	147								
	3	40	1	12	93	110	1	12	123	124							1	1
	1	42		2	45	96		2	86	106								
	2	42	2	18	93	136	2	18	134	144								
	3	42	1	8	85	109	1	8	118	122								
	1	44		1	28	80		1	52	87								
	2	44	1	9	86	128	1	9	124	137								
	3	44	1	7	78	105	1	7	110	117								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(14a)

City	Alice Springs	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	29	115	187	2	29	121	114								
(90)	2	40	12	78	170	216	12	78	177	173							1	1
	3	40	4	55	131	166	4	55	143	143								
	1	42		15	95	176		15	102	86								
	2	42	8	67	152	206	8	67	168	165								
	3	42	3	48	129	163	3	48	139	139								
	1	44		8	69	146		8	73	41								
	2	44	5	43	134	199	5	43	150	145								
	3	44	3	43	124	157	3	43	131	129								
2070	1	40	2	24	113	196	2	24	134	116								
(91)	2	40	5	59	183	216	5	59	189	185								
	3	40	1	36	135	176	1	36	151	150								
	1	42		8	80	185		8	94	79								
	2	42	4	51	171	211	4	51	183	178								
	3	42	1	31	133	174	1	31	147	145								
	1	44		4	57	168		4	65	32								
	2	44	3	42	150	204	3	42	165	149								
	3	44		26	121	170		26	140	137								
2070	1	40	3	23	112	190	3	23	134	124								
(92)	2	40	14	65	163	203	14	65	178	176								
	3	40	3	37	122	157	3	37	138	138								
	1	42		16	85	175		16	95	73								
	2	42	11	51	147	199	11	51	168	165								
	3	42	3	28	118	154	3	28	137	137								
	1	44		10	51	145		10	55	26								
	2	44	5	36	131	198	5	36	152	143								
	3	44	1	27	110	150	1	27	133	129								
2070	1	40		27	104	179		27	118	114								
(93)	2	40	9	69	163	205	10	70	172	170					1	1	1	1
	3	40	1	47	119	171	1	47	136	134							1	1
	1	42		15	84	165		15	101	87								
	2	42	5	58	148	202	6	59	163	161							1	1
	3	42		42	117	166		42	134	129							1	1
	1	44		5	60	147		5	67	41								
	2	44	1	43	130	191	1	43	148	137							1	1
	3	44		33	104	160		33	127	125								
2070	1	40	1	37	115	182	1	37	120	96								
(94)	2	40	9	73	157	196	9	73	165	160								
	3	40	5	58	134	169	5	58	142	142								
	1	42	1	16	84	165	1	16	88	66								
	2	42	7	65	147	193	7	65	156	149								
	3	42	1	46	133	168	1	46	137	135								
	1	44		6	66	144		6	70	35								
	2	44	3	53	133	188	3	53	147	140								
	3	44	1	37	127	160	1	37	133	128								
2070	1	40	1	28	94	175	1	28	116	109								
(95)	2	40	8	56	152	197	8	56	172	171								
	3	40	6	43	114	154	6	43	133	132								
	1	42	1	11	69	157	1	11	87	75								
	2	42	6	50	137	196	6	50	165	159								
	3	42	5	37	109	149	5	37	127	127								
	1	44		6	50	135		6	58	41								
	2	44	5	44	118	188	5	44	142	138								
	3	44	5	31	105	144	5	31	123	122								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(14a)

City	Alice Springs	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	34	123	200	3	34	134	116								
(96)	2	40	14	77	186	219	14	77	190	185								
	3	40	10	58	141	184	10	58	152	152								
	1	42		18	92	188		18	94	69								
	2	42	9	69	169	217	9	69	182	176								
	3	42	6	51	138	181	6	51	149	145								
	1	44		9	69	167		9	72	39								
	2	44	5	53	145	207	5	53	161	150								
	3	44	5	44	129	176	5	44	140	133								
2070	1	40		22	105	185		22	133	124								
(97)	2	40	5	58	169	205	5	58	184	180								
	3	40	1	41	129	178	1	41	153	153								
	1	42		8	80	171		8	110	95								
	2	42	4	46	147	201	4	46	173	173								
	3	42	1	37	126	175	1	37	146	146								
	1	44		4	50	140		4	62	37								
	2	44	1	33	130	194	1	33	155	152								
	3	44	1	28	119	167	1	28	142	142								
2070	1	40	5	36	133	179	5	36	146	134								
(98)	2	40	16	91	172	195	16	91	177	177							1	1
	3	40	5	67	150	175	5	67	165	165								
	1	42	1	20	108	172	1	20	120	98								
	2	42	14	74	168	189	14	74	174	173								
	3	42	4	54	146	173	4	54	161	159								
	1	44		13	74	167		13	79	48								
	2	44	8	57	156	184	8	57	168	162								
	3	44	3	45	137	169	3	45	152	152								
2070	1	40	1	25	122	184	1	25	132	125								
(99)	2	40	5	79	169	201	5	79	180	180							1	1
	3	40	1	56	139	183	1	56	154	154								
	1	42		8	94	173		8	105	93								
	2	42	2	63	152	198	2	63	171	170								
	3	42	1	44	136	177	1	44	151	150								
	1	44		2	63	150		2	73	49								
	2	44	1	48	135	195	1	48	152	151								
	3	44	1	36	125	172	1	36	144	143								
2070	1	40		10	84	170		10	137	136								
(00)	2	40	4	43	155	186	4	43	176	173								
	3	40		33	122	160		33	157	157								
	1	42		6	56	161		6	102	91								
	2	42	3	35	142	181	3	35	169	167								
	3	42		24	118	157		24	147	147								
	1	44		3	36	138		3	54	37								
	2	44		22	124	177		22	154	150								
	3	44		20	110	152		20	140	139								
2070	1	40	1	18	81	136	1	18	109	107								
(01)	2	40	4	44	116	159	4	44	140	140								
	3	40	3	32	96	131	3	32	123	123							1	1
	1	42	1	6	49	124	1	6	86	84								
	2	42	3	32	102	153	3	32	136	134								
	3	42	2	25	96	125	2	25	119	118								
	1	44		3	33	102		3	53	43								
	2	44	2	28	93	146	2	28	125	124								
	3	44	1	22	88	121	1	22	110	110								

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(Predicted dangerous days for projected 2070 conditions)

Table - 4(15)

City	Alice Springs	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	14	110	174	2	14	124	174								
(90)	2	40	9	42	154	198	9	42	179	199							1	1
	3	40	3	31	129	154	3	31	145	155								
	1	42		7	86	142		7	101	141								
	2	42	6	33	139	189	6	33	168	189								
	3	42	3	26	125	146	3	26	142	149								
	1	44		2	55	114		2	67	114								
	2	44	4	21	130	184	4	21	154	184								
	3	44		22	115	146		22	133	147								
2070	1	40	1	7	103	184	1	7	130	184								
(91)	2	40	5	38	173	202	5	38	187	207								
	3	40	1	25	133	165	1	25	156	173								
	1	42		3	69	162		3	93	164								
	2	42	3	28	159	199	3	28	181	203								
	3	42		20	122	161		20	147	170								
	1	44		2	49	117		2	64	122								
	2	44	2	20	134	193	2	20	164	196								
	3	44		12	110	157		12	143	164								
2070	1	40	2	14	102	174	2	14	133	175								
(92)	2	40	12	32	149	197	12	32	180	197								
	3	40	3	23	118	145	3	23	140	152								
	1	42		9	74	141		9	91	143								
	2	42	7	24	139	191	7	24	171	192								
	3	42	1	18	110	139	1	18	137	145								
	1	44		3	44	115		3	50	115								
	2	44	4	21	125	186	4	21	156	186								
	3	44		13	102	137		13	135	145								
2070	1	40		11	100	164		11	121	165								
(93)	2	40	6	38	150	191	7	39	173	192					1	1	1	1
	3	40		21	116	157		21	139	156							1	1
	1	42		4	78	144		4	100	144								
	2	42	3	29	140	182	4	30	162	183							1	1
	3	42		17	106	152		17	133	152							1	1
	1	44			52	108			65	108								
	2	44		22	119	174		22	151	177							1	1
	3	44		14	100	147		14	127	149								
2070	1	40	1	14	104	162	1	14	117	163								
(94)	2	40	7	49	150	187	7	49	164	189							1	1
	3	40	1	30	133	152	1	30	143	153							1	1
	1	42	1	5	78	143	1	5	87	145								
	2	42	4	37	140	183	4	37	156	185								
	3	42	1	26	127	147	1	26	135	148								
	1	44		1	59	118		1	66	118								
	2	44	3	31	126	179	3	31	146	181								
	3	44	1	15	116	144	1	15	135	146								
2070	1	40	1	11	87	157	1	11	120	163								
(95)	2	40	7	41	141	185	7	41	175	186								
	3	40	5	25	110	140	5	25	135	149								
	1	42	1	6	62	130	1	6	88	136								
	2	42	6	32	124	180	6	32	166	181								
	3	42	5	18	106	136	5	18	129	145								
	1	44		2	48	100		2	58	104								
	2	44	5	21	110	168	5	21	144	172								
	3	44	3	15	99	132	3	15	126	142								

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(Predicted dangerous days for projected 2070 conditions)

Table - 4(15)

City	Alice Springs	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	16	115	187	3	16	132	189								
(96)	2	40	10	48	173	207	10	48	190	206								
	3	40	6	31	138	170	6	31	153	170								
	1	42		8	83	160		8	91	160								
	2	42	8	37	156	201	8	37	178	201								
	3	42	5	27	129	164	5	27	150	165								
	1	44		3	64	125		3	70	126								
	2	44	4	29	131	196	4	29	160	197								
	3	44	4	21	122	158	4	21	139	158								
2070	1	40		8	97	171		8	132	174								
(97)	2	40	4	31	151	193	4	31	183	196								
	3	40	1	17	126	161	1	17	157	171								
	1	42		4	75	136		4	110	149								
	2	42	2	23	135	187	2	23	174	190								
	3	42	1	13	120	155	1	13	150	164								
	1	44			43	108			61	118								
	2	44	1	16	122	185	1	16	166	188								
	3	44	1	7	110	151	1	7	143	157								
2070	1	40	3	18	126	173	3	18	147	173								
(98)	2	40	15	54	170	182	15	54	179	183							1	1
	3	40	4	36	145	167	4	36	166	171							1	1
	1	42	1	12	99	163	1	12	119	163								
	2	42	10	38	161	179	10	38	174	179								
	3	42	3	27	137	163	3	27	161	167								
	1	44		5	64	137		5	73	137								
	2	44	7	26	147	178	7	26	168	179								
	3	44	2	19	128	158	2	19	155	162								
2070	1	40	1	7	115	173	1	7	132	173								
(99)	2	40	3	41	159	195	3	41	183	196							1	1
	3	40	1	25	134	167	1	25	157	167							1	1
	1	42		2	87	148		2	104	149								
	2	42	2	28	142	186	2	28	175	187								
	3	42	1	13	125	165	1	13	154	166								
	1	44		1	53	123		1	71	123								
	2	44	1	16	127	176	1	16	156	176								
	3	44	1	9	119	161	1	9	148	163								
2070	1	40		6	76	160		6	140	169								
(00)	2	40	3	17	143	176	3	17	174	182								
	3	40		12	118	151		12	160	165								
	1	42		1	47	135		1	109	147								
	2	42	1	10	132	172	1	10	170	179								
	3	42		9	110	147		9	151	160								
	1	44			30	89			57	98								
	2	44		10	107	165		10	156	172								
	3	44		7	98	144		7	142	155								
2070	1	40	1	6	77	121	1	6	114	131								
(01)	2	40	3	26	108	143	3	26	144	149								
	3	40	2	14	96	113	2	14	125	127							1	1
	1	42		3	47	99		3	89	110								
	2	42	2	21	96	139	2	21	137	146								
	3	42	1	10	88	109	1	10	121	123								
	1	44		1	28	84		1	60	92								
	2	44	2	11	89	131	2	11	129	140								
	3	44	1	8	84	108	1	8	114	120								

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(Predicted dangerous days for projected 2070 conditions)

Table - 4(15a)

City	Alice Springs	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	33	119	188	2	33	130	121								
(90)	2	40	14	81	176	219	14	81	181	179							1	1
	3	40	5	59	134	170	5	59	145	145								
	1	42	1	15	101	177	1	15	109	93								
	2	42	10	72	157	208	10	72	171	168								
	3	42	3	52	130	164	3	52	142	142								
	1	44		9	73	150		9	78	47								
	2	44	6	49	139	201	6	49	155	153								
	3	44	3	43	126	160	3	43	134	133								
2070	1	40	2	28	121	199	2	28	140	121								
(91)	2	40	6	61	184	218	6	61	190	187								
	3	40	1	38	136	178	1	38	156	155								
	1	42		10	85	186		10	99	84								
	2	42	5	53	175	212	5	53	185	178								
	3	42	1	33	135	175	1	33	148	147								
	1	44		5	58	173		5	70	43								
	2	44	3	42	159	208	3	42	172	161								
	3	44	1	29	128	171	1	29	145	143								
2070	1	40	3	24	115	191	3	24	138	131								
(92)	2	40	14	72	173	204	14	72	183	180								
	3	40	3	39	124	159	3	39	140	140								
	1	42		17	86	178		17	97	78								
	2	42	12	54	152	199	12	54	175	171								
	3	42	3	31	121	154	3	31	137	137								
	1	44		12	56	149		12	60	32								
	2	44	7	41	139	198	7	41	157	153								
	3	44	2	27	115	154	2	27	136	135								
2070	1	40		30	111	182		30	124	119								
(93)	2	40	9	74	163	207	10	75	174	173					1	1	1	1
	3	40	2	54	124	173	2	54	140	139							1	1
	1	42		16	89	170		16	104	88								
	2	42	6	63	153	204	7	64	164	162							1	1
	3	42	1	46	119	168	1	46	136	132							1	1
	1	44		6	64	150		6	74	52								
	2	44	3	49	140	192	3	49	155	145							1	1
	3	44		37	111	166		37	129	127								
2070	1	40	1	37	120	183	1	37	127	103								
(94)	2	40	12	77	161	199	12	77	168	163							1	1
	3	40	6	63	135	169	6	63	143	143							1	1
	1	42	1	21	88	167	1	21	95	75								
	2	42	7	67	150	194	7	67	160	152								
	3	42	3	54	134	168	3	54	138	135								
	1	44		7	69	149		7	74	40								
	2	44	4	57	140	191	4	57	152	143								
	3	44	1	42	131	165	1	42	135	134								
2070	1	40	2	32	102	180	2	32	123	117								
(95)	2	40	9	61	156	203	9	61	175	175								
	3	40	6	46	117	156	6	46	135	135								
	1	42	1	12	73	159	1	12	95	80								
	2	42	7	51	142	196	7	51	167	166								
	3	42	5	38	114	151	5	38	130	129								
	1	44		7	52	141		7	61	46								
	2	44	6	46	124	191	6	46	149	143								
	3	44	5	34	109	145	5	34	126	125								

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(Predicted dangerous days for projected 2070 conditions)

Table - 4(15a)

City	Alice Springs	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	37	127	200	3	37	139	122								
(96)	2	40	15	80	188	222	15	80	194	190								
	3	40	11	59	143	184	11	59	153	153								
	1	42	1	20	100	191	1	20	103	78								
	2	42	11	70	176	218	11	70	184	177								
	3	42	6	55	139	182	6	55	150	150								
	1	44		10	72	172		10	77	43								
	2	44	8	63	155	211	8	63	168	159								
	3	44	6	45	134	180	6	45	145	136								
2070	1	40		24	113	187		24	137	132								
(97)	2	40	6	63	171	207	6	63	185	183								
	3	40	2	47	131	182	2	47	158	157								
	1	42		11	82	174		11	113	100								
	2	42	4	51	153	202	4	51	174	174								
	3	42	1	39	127	176	1	39	150	150								
	1	44		4	57	148		4	72	45								
	2	44	2	38	134	196	2	38	166	166								
	3	44	1	33	124	171	1	33	143	143								
2070	1	40	5	38	140	179	5	38	152	142								
(98)	2	40	17	99	173	198	17	99	179	179							1	1
	3	40	5	77	151	175	5	77	166	166							1	1
	1	42	1	20	110	172	1	20	124	105								
	2	42	15	81	170	192	15	81	174	174								
	3	42	4	61	149	175	4	61	161	161								
	1	44		15	81	169		15	87	56								
	2	44	10	59	161	186	10	59	171	167								
	3	44	4	50	140	172	4	50	157	155								
2070	1	40	1	28	123	186	1	28	134	131								
(99)	2	40	5	87	170	203	5	87	183	183							1	1
	3	40	1	60	143	183	1	60	157	157							1	1
	1	42	1	13	104	174	1	13	112	97								
	2	42	3	68	160	198	3	68	177	175								
	3	42	1	48	138	180	1	48	154	153								
	1	44		3	70	159		3	80	57								
	2	44	2	52	142	197	2	52	158	156								
	3	44	1	40	132	176	1	40	149	148								
2070	1	40		11	95	172		11	142	140								
(00)	2	40	5	47	156	186	5	47	176	174								
	3	40	1	34	126	162	1	34	160	160								
	1	42		7	61	163		7	112	102								
	2	42	3	38	144	183	3	38	170	169								
	3	42		31	122	158		31	151	151								
	1	44		3	39	142		3	65	47								
	2	44	1	28	132	178	1	28	160	156								
	3	44		23	115	154		23	142	142								
2070	1	40	1	21	84	139	1	21	114	113								
(01)	2	40	5	47	121	163	5	47	144	144								
	3	40	3	35	100	133	3	35	125	125							1	1
	1	42	1	7	56	126	1	7	91	87								
	2	42	3	35	108	156	3	35	138	137								
	3	42	3	27	96	129	3	27	121	121								
	1	44		3	38	107		3	63	54								
	2	44	2	28	96	147	2	28	129	129								
	3	44	1	25	93	124	1	25	115	114								

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(Predicted dangerous days for projected 2070 conditions)

Table - 4(16)

City	Alice Springs	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	30	97	188	226	29	96	213	228					4	4	40	40
(90)	2	40	81	134	216	242	85	133	237	243	22	30	35	41	59	80	117	128
	3	40	55	119	169	200	65	118	200	207	23	46	39	62	63	90	111	144
	1	42	16	73	178	208	15	72	196	210							10	10
	2	42	70	126	208	239	71	125	231	239	7	7	18	19	44	45	104	107
	3	42	48	110	166	198	56	110	197	203	13	22	21	37	48	64	97	120
	1	44	8	39	150	194	8	39	173	195							1	1
	2	44	44	111	200	231	45	111	225	234	2	2	5	5	22	22	83	83
	3	44	44	97	160	195	48	98	189	198	7	7	12	15	34	41	87	95
2070	1	40	26	79	196	224	25	78	216	227	1	1	1	1	1	1	33	33
(91)	2	40	68	153	218	250	77	157	242	252	25	26	31	35	61	73	121	141
	3	40	41	115	177	208	62	119	206	215	31	40	40	56	60	90	114	159
	1	42	8	53	185	212	8	53	206	217							3	3
	2	42	60	132	212	240	61	133	241	247	9	9	18	18	38	39	99	102
	3	42	35	102	175	203	51	106	199	210	21	23	28	33	43	57	99	121
	1	44	4	33	168	201	4	33	185	206								
	2	44	48	108	205	235	47	108	228	240	5	5	8	8	18	18	78	78
	3	44	30	90	171	200	43	97	196	206	14	14	18	19	32	36	84	96
2070	1	40	23	85	191	209	23	85	203	210					2	2	27	27
(92)	2	40	67	136	203	223	67	135	219	226	15	18	26	29	50	55	125	136
	3	40	38	107	156	186	49	110	191	195	19	36	28	43	51	75	107	142
	1	42	16	54	175	199	16	54	193	201							7	7
	2	42	53	125	199	221	51	124	216	224	2	2	13	13	27	28	93	95
	3	42	29	96	154	182	33	97	184	189	4	8	13	18	35	45	93	113
	1	44	10	30	145	194	10	30	176	195								
	2	44	38	107	198	217	37	106	210	218			2	2	13	13	64	64
	3	44	27	86	151	179	27	86	176	187	2	2	3	4	17	20	71	78
2070	1	40	27	84	182	212	28	85	207	214	1	1	1	1	1	1	42	42
(93)	2	40	70	135	205	223	79	136	222	225	17	19	35	40	71	75	118	125
	3	40	47	102	169	199	69	110	204	208	30	44	44	64	69	99	119	145
	1	42	15	63	166	204	16	64	191	206			1	1	1	1	3	3
	2	42	59	118	202	221	61	118	216	223	7	7	11	11	39	39	103	105
	3	42	42	95	166	196	57	101	194	203	12	16	25	32	51	65	100	118
	1	44	5	34	147	187	6	35	170	188					1	1	1	1
	2	44	44	103	191	219	44	103	215	221	2	2	3	3	14	14	84	84
	3	44	33	93	164	195	42	98	189	200	6	6	10	10	34	39	88	98
2070	1	40	37	85	182	208	37	85	193	209					2	2	34	34
(94)	2	40	76	137	196	222	77	137	215	224	25	30	27	37	52	64	100	123
	3	40	58	119	169	193	66	121	184	196	22	40	27	55	50	80	100	148
	1	42	16	67	165	194	16	67	178	195							10	10
	2	42	67	125	193	220	68	124	209	221	7	7	21	21	34	38	86	88
	3	42	46	102	168	188	52	102	179	190	17	26	22	33	43	57	79	107
	1	44	6	43	145	187	6	43	161	189								
	2	44	54	110	188	217	55	109	198	218	1	1	5	5	20	20	65	65
	3	44	37	95	163	188	43	95	176	190	8	9	17	18	26	34	73	84
2070	1	40	28	70	177	215	29	70	205	217					2	2	41	41
(95)	2	40	56	122	197	226	68	128	232	232	29	35	37	41	61	70	112	120
	3	40	43	102	154	184	60	111	191	196	31	52	42	62	63	83	110	138
	1	42	11	51	157	196	11	51	188	199							3	3
	2	42	50	109	196	226	56	112	225	229	12	12	21	21	41	43	93	96
	3	42	38	92	149	177	53	100	185	190	22	28	29	44	53	62	102	110
	1	44	6	37	135	184	6	37	171	185								
	2	44	44	89	188	220	46	89	216	224	4	4	7	7	22	22	76	76
	3	44	31	84	145	173	44	92	179	184	13	13	20	21	39	47	90	97

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(16)

City	Alice Springs	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	34	96	201	228	34	96	218	232					3	3	38	38
(96)	2	40	78	149	219	247	80	148	239	248	18	30	32	37	52	65	118	136
	3	40	58	123	184	209	66	124	207	214	20	38	24	53	51	88	109	154
	1	42	18	70	189	218	18	70	203	218							7	7
	2	42	69	131	217	244	71	131	235	245	3	3	11	11	38	38	88	92
	3	42	51	115	181	206	55	114	206	212	11	24	20	31	39	57	94	118
	1	44	9	40	168	206	9	40	186	205								
	2	44	53	118	208	238	55	118	232	242	1	1	3	3	16	16	69	69
	3	44	44	101	178	201	45	101	196	206	3	4	9	17	25	32	80	90
2070	1	40	24	75	187	216	22	73	207	219	1	1	1	1	3	3	34	34
(97)	2	40	67	131	205	231	82	141	228	234	32	35	46	49	79	85	132	140
	3	40	41	113	179	204	79	128	205	210	48	61	58	74	84	104	130	153
	1	42	8	51	172	202	8	51	195	207							1	1
	2	42	54	119	201	228	61	123	224	232	18	18	25	25	46	46	113	115
	3	42	37	107	175	199	62	119	201	205	32	36	41	45	67	78	115	130
	1	44	4	30	144	192	4	30	180	194								
	2	44	41	100	194	222	42	102	215	225	10	10	14	14	26	26	92	92
	3	44	28	93	170	197	48	101	198	203	21	21	29	29	51	53	105	110
2070	1	40	37	109	179	203	36	108	206	213					8	8	50	50
(98)	2	40	92	160	195	227	98	161	228	236	33	35	44	47	76	84	139	151
	3	40	67	128	175	195	80	132	201	206	42	54	53	67	79	109	144	171
	1	42	20	81	173	192	20	81	184	195							13	13
	2	42	75	146	189	223	80	146	224	230	13	13	27	27	51	51	120	120
	3	42	54	124	173	191	67	127	197	201	28	31	39	44	63	74	127	140
	1	44	13	44	168	181	13	44	177	181							1	1
	2	44	58	133	184	215	59	133	217	221	5	5	9	9	29	29	95	95
	3	44	45	113	169	187	55	115	193	196	15	16	25	25	48	50	108	113
2070	1	40	25	96	185	213	25	96	201	215			2	2	4	4	48	48
(99)	2	40	79	140	201	230	86	140	227	235	29	30	41	42	69	76	128	133
	3	40	56	122	182	204	75	124	205	210	38	51	51	65	76	101	133	159
	1	42	8	68	173	198	8	68	192	200							8	8
	2	42	63	127	198	227	69	127	220	231	19	19	24	24	48	48	103	104
	3	42	44	113	177	200	63	115	204	209	25	28	36	38	61	69	117	131
	1	44	2	33	150	191	2	33	180	192							1	1
	2	44	48	121	195	221	52	121	211	223	6	6	12	12	27	27	86	86
	3	44	36	108	172	194	52	110	200	205	19	19	24	24	45	45	102	109
2070	1	40	10	60	171	195	11	61	200	202	1	1	2	2	7	7	35	35
(00)	2	40	44	128	186	210	76	142	214	220	39	39	53	54	86	86	150	154
	3	40	34	98	160	180	82	124	199	199	61	65	71	79	100	114	152	173
	1	42	6	38	162	183	6	38	187	192							5	5
	2	42	37	105	181	204	58	116	209	213	22	22	28	28	50	50	123	123
	3	42	25	90	157	178	55	109	195	195	39	39	52	54	79	84	139	147
	1	44	3	15	139	174	3	15	173	182								
	2	44	23	79	177	197	30	85	204	206	11	11	15	15	30	30	88	88
	3	44	21	70	153	177	45	87	190	192	23	23	28	28	56	56	118	123
2070	1	40	18	50	138	171	18	50	174	183					3	3	40	40
(01)	2	40	48	98	159	196	72	108	202	209	43	44	53	54	83	86	119	123
	3	40	33	86	132	154	71	103	172	176	48	56	64	73	91	100	122	135
	1	42	6	35	125	156	6	35	156	164							4	4
	2	42	35	90	154	188	50	96	194	201	24	24	31	31	58	58	106	106
	3	42	26	78	127	150	57	92	168	170	32	34	45	47	75	80	108	114
	1	44	3	25	103	140	3	25	140	147								
	2	44	29	81	147	180	33	81	183	193	6	6	14	14	30	30	85	85
	3	44	23	70	123	150	43	83	163	166	21	21	29	29	56	57	104	105

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(16a)

City	Alice Springs	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	40	125	196	239	39	125	214	213		2		7	4	27	40	40
(90)	2	40	90	181	224	256	92	181	237	237	22	133	35	149	59	187	117	117
	3	40	68	154	178	219	73	153	201	200	23	145	39	166	63	204	111	111
	1	42	20	102	183	228	19	101	197	196							10	10
	2	42	81	166	217	250	81	166	231	231	7	99	18	111	44	135	104	104
	3	42	59	141	173	215	64	140	197	197	13	123	21	132	48	167	97	97
	1	44	12	78	170	216	12	78	177	173							1	1
	2	44	68	144	207	244	68	144	225	225	2	51	5	64	22	96	83	83
	3	44	52	133	166	211	56	132	189	189	7	85	12	107	34	132	87	87
2070	1	40	35	129	202	239	34	128	216	216	1	1	1	2	1	8	33	33
(91)	2	40	81	186	225	267	89	188	242	242	25	145	31	172	61	205	121	121
	3	40	50	158	184	225	68	163	206	206	31	170	40	184	60	217	114	114
	1	42	19	87	190	226	19	87	207	206							3	3
	2	42	68	180	218	256	70	182	241	241	9	80	18	98	38	155	99	99
	3	42	44	148	179	223	57	151	199	199	21	123	28	145	43	185	99	99
	1	44	5	59	180	216	5	59	188	185								
	2	44	57	166	212	249	55	167	228	228	5	28	8	48	18	82	78	78
	3	44	37	135	176	219	50	137	196	196	14	86	18	102	32	149	84	84
2070	1	40	31	124	196	221	31	124	205	203				3	2	14	27	27
(92)	2	40	82	178	206	239	82	177	219	219	15	130	26	144	50	191	125	125
	3	40	47	137	161	199	56	138	191	191	19	143	28	158	51	191	107	107
	1	42	20	95	181	214	20	95	193	193							7	7
	2	42	69	161	203	233	67	160	216	216	2	79	13	95	27	131	93	93
	3	42	40	129	159	197	42	130	184	184	4	112	13	127	35	161	93	93
	1	44	14	65	161	203	14	65	178	176								
	2	44	53	146	199	226	51	145	210	210		27	2	36	13	78	64	64
	3	44	32	122	154	194	31	122	176	176	2	72	3	97	17	128	71	71
2070	1	40	36	117	189	221	37	118	207	207	1	1	1	1	1	8	42	42
(93)	2	40	81	170	209	233	86	170	222	222	17	125	35	147	71	181	118	118
	3	40	63	147	175	214	78	149	204	204	30	153	44	166	69	207	119	119
	1	42	21	95	174	216	22	96	191	191			1	1	1	1	3	3
	2	42	71	162	205	229	73	162	216	216	7	83	11	96	39	132	103	103
	3	42	54	134	173	212	64	136	194	194	12	108	25	128	51	170	100	100
	1	44	9	69	162	205	10	70	172	170					1	1	1	1
	2	44	59	145	202	223	59	145	215	215	2	30	3	47	14	82	84	84
	3	44	46	119	168	207	53	121	190	189	6	91	10	102	34	129	88	88
2070	1	40	43	124	187	220	43	124	193	193				5	2	21	34	34
(94)	2	40	86	170	203	236	86	171	215	215	25	133	27	148	52	185	100	100
	3	40	69	144	172	205	74	146	184	184	22	149	27	168	50	197	100	100
	1	42	29	98	174	209	29	98	182	178							10	10
	2	42	76	156	197	229	76	155	210	209	7	79	21	97	34	135	86	86
	3	42	63	140	169	203	67	141	179	179	17	127	22	140	43	169	79	79
	1	44	9	73	156	196	9	73	165	160								
	2	44	66	144	193	223	66	143	199	198	1	36	5	52	20	79	65	65
	3	44	54	134	168	197	57	133	176	176	8	87	17	101	26	141	73	73
2070	1	40	38	109	185	226	39	109	205	205					2	14	41	41
(95)	2	40	66	161	212	239	78	165	232	232	29	120	37	142	61	179	112	112
	3	40	57	133	161	205	71	140	191	191	31	144	42	159	63	194	110	110
	1	42	17	79	167	215	17	79	188	188							3	3
	2	42	58	151	199	235	64	153	225	225	12	78	21	93	41	126	93	93
	3	42	46	125	156	199	60	131	185	185	22	111	29	128	53	161	102	102
	1	44	8	56	151	197	8	56	172	171								
	2	44	50	132	196	228	51	132	216	216	4	37	7	49	22	74	76	76
	3	44	38	116	151	192	50	121	179	179	13	80	20	96	39	129	90	90

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(16a)

City	Alice Springs	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	43	131	207	244	43	131	218	218		1		3	3	22	38	38
(96)	2	40	86	193	225	257	86	192	239	239	18	138	32	168	52	201	118	118
	3	40	66	162	186	223	73	162	207	207	20	165	24	183	51	214	109	109
	1	42	25	106	196	232	25	106	203	203							7	7
	2	42	77	181	220	253	78	181	235	235	3	91	11	106	38	143	88	88
	3	42	59	148	184	218	63	148	206	206	11	126	20	146	39	182	94	94
	1	44	14	77	183	219	14	77	190	185								
	2	44	69	165	217	250	70	165	232	232	1	34	3	58	16	90	69	69
	3	44	55	140	182	216	56	140	196	196	3	92	9	106	25	146	80	80
2070	1	40	33	117	192	228	31	116	207	207	1	1	1	2	3	11	34	34
(97)	2	40	79	176	214	236	92	181	228	228	32	140	46	155	79	191	132	132
	3	40	54	157	185	219	85	165	205	205	48	164	58	181	84	211	130	130
	1	42	15	82	184	217	15	82	195	195							1	1
	2	42	66	159	205	235	72	162	224	224	18	86	25	105	46	141	113	113
	3	42	50	140	182	215	71	148	201	201	32	132	41	146	67	185	115	115
	1	44	5	58	163	205	5	58	181	180								
	2	44	54	140	201	232	55	141	215	215	10	28	14	49	26	86	92	92
	3	44	39	128	176	210	58	135	198	198	21	96	29	115	51	145	105	105
2070	1	40	47	146	182	223	46	145	206	206		2		7	8	23	50	50
(98)	2	40	107	176	202	249	111	177	228	228	33	153	44	170	76	180	139	139
	3	40	85	165	176	207	96	167	201	201	42	164	53	177	79	201	144	144
	1	42	24	115	176	210	24	115	184	184							13	13
	2	42	96	172	196	244	100	172	224	224	13	102	27	121	51	159	120	120
	3	42	77	155	175	204	85	158	197	197	28	135	39	155	63	179	127	127
	1	44	16	91	172	195	16	91	177	177							1	1
	2	44	75	167	189	231	75	167	217	217	5	41	9	60	29	101	95	95
	3	44	61	150	175	197	67	152	193	193	15	107	25	123	48	157	108	108
2070	1	40	36	127	192	227	36	127	201	201			2	2	4	9	48	48
(99)	2	40	93	175	209	249	97	175	228	227	29	135	41	153	69	186	128	128
	3	40	72	162	186	223	85	162	206	205	38	165	51	177	76	213	133	133
	1	42	14	108	176	217	14	108	192	192							8	8
	2	42	80	165	201	244	83	165	220	220	19	88	24	112	48	137	103	103
	3	42	60	151	183	218	74	151	204	204	25	126	36	145	61	181	117	117
	1	44	5	79	167	201	5	79	180	180							1	1
	2	44	63	149	198	236	66	149	211	211	6	32	12	52	27	87	86	86
	3	44	48	139	180	213	60	139	201	200	19	105	24	115	45	148	102	102
2070	1	40	17	104	175	204	18	104	200	200	1	1	2	3	7	10	35	35
(00)	2	40	53	165	192	224	82	173	214	214	39	137	53	156	86	183	150	150
	3	40	43	147	167	196	88	162	199	199	61	161	71	175	100	195	152	152
	1	42	10	65	165	195	10	65	187	187							5	5
	2	42	45	150	186	217	67	160	209	209	22	69	28	84	50	137	123	123
	3	42	35	138	162	192	64	150	195	195	39	126	52	149	79	175	139	139
	1	44	4	43	153	186	4	43	176	173								
	2	44	36	138	181	212	43	142	204	204	11	23	15	32	30	69	88	88
	3	44	32	121	158	188	54	130	190	190	23	80	28	102	56	149	118	118
2070	1	40	25	88	141	188	25	88	174	174				2	3	5	40	40
(01)	2	40	53	129	170	213	73	134	202	202	43	110	53	122	83	150	119	119
	3	40	40	111	136	173	75	127	172	172	48	127	64	143	91	165	122	122
	1	42	10	67	131	177	10	67	156	156							4	4
	2	42	48	112	161	207	59	116	194	194	24	66	31	83	58	109	106	106
	3	42	36	105	134	166	61	118	168	168	32	100	45	118	75	144	108	108
	1	44	4	44	114	159	4	44	140	140								
	2	44	33	101	154	198	36	101	183	183	6	18	14	38	30	65	85	85
	3	44	28	100	130	162	46	109	163	163	21	74	29	90	56	120	104	104

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(17)

City	Alice Springs	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	79	134		2	90	133								
(90)	2	40	2	14	116	177	2	14	139	179								
	3	40		5	91	137		5	120	139								
	1	42		1	44	111		1	54	111								
	2	42		10	110	174		10	124	174								
	3	42		3	83	132		3	108	134								
	1	44			22	86			23	86								
	2	44		6	101	160		6	112	160								
	3	44		3	78	132		3	100	133								
2070	1	40		2	65	151		2	84	155								
(91)	2	40	1	6	119	186	1	6	149	187								
	3	40		1	89	145		1	123	149								
	1	42			43	105			52	107								
	2	42		5	101	184		5	130	184								
	3	42		1	80	139		1	109	141								
	1	44			21	67			22	67								
	2	44		3	82	176		3	106	177								
	3	44		1	67	135		1	96	138								
2070	1	40		3	64	134		3	80	134								
(92)	2	40	1	14	115	179	1	14	141	180								
	3	40		3	82	128		3	115	131								
	1	42			33	104			39	104								
	2	42		12	101	173		12	133	174								
	3	42		3	73	126		3	103	127								
	1	44			21	75			21	75								
	2	44		7	85	153		7	112	156								
	3	44		2	64	124		2	93	125								
2070	1	40			68	134			93	136								
(93)	2	40		9	108	170		9	133	171								
	3	40		2	92	132		2	120	139								
	1	42			42	103			55	104								
	2	42		6	100	164		6	121	165								
	3	42		1	84	126		1	111	130								
	1	44			25	79			25	79								
	2	44		3	85	156		3	115	156								
	3	44			74	122			103	125								
2070	1	40		1	72	134		1	78	135								
(94)	2	40	1	12	118	167	1	12	137	168								
	3	40	1	6	92	140	1	6	113	141								
	1	42		1	52	108		1	57	108								
	2	42	1	7	103	162	1	7	115	162								
	3	42	1	3	85	137	1	3	101	139								
	1	44			31	80			31	80								
	2	44	1	4	88	151	1	4	95	152								
	3	44	1	1	81	134	1	1	91	136								
2070	1	40		2	55	121		2	74	125								
(95)	2	40	1	9	100	161	1	9	131	167								
	3	40		6	82	122		6	112	129								
	1	42		1	44	88		1	53	93								
	2	42	1	7	86	156	1	7	120	163								
	3	42		5	73	118		5	104	124								
	1	44			21	63			23	63								
	2	44		6	72	150		6	102	155								
	3	44		5	62	116		5	94	121								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(17)

City	Alice Springs	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		3	78	146		3	83	146								
(96)	2	40	1	15	126	191	1	15	147	192								
	3	40	1	11	99	149	1	11	122	150								
	1	42		1	49	117		1	55	118								
	2	42		11	114	187		11	132	189								
	3	42	1	6	92	147	1	6	115	148								
	1	44			30	84			31	85								
	2	44		8	99	176		8	109	178								
	3	44		6	84	143		6	103	144								
2070	1	40			65	131			100	141								
(97)	2	40		6	113	176		6	147	178								
	3	40		2	91	136		2	133	143								
	1	42			34	93			48	103								
	2	42		4	94	170		4	132	174								
	3	42		1	80	133		1	121	140								
	1	44			18	69			18	68								
	2	44		2	81	154		2	119	162								
	3	44		1	70	129		1	112	137								
2070	1	40		5	91	157		5	106	157								
(98)	2	40	2	17	138	174	2	17	157	174								
	3	40		5	111	154		5	140	157								
	1	42		1	57	128		1	65	129								
	2	42	1	15	124	172	1	15	147	173								
	3	42		4	102	152		4	130	153								
	1	44			27	100			28	100								
	2	44	1	10	110	169	1	10	127	170								
	3	44		4	98	150		4	125	151								
2070	1	40		1	78	140		1	95	140								
(99)	2	40	1	5	123	175	1	5	146	175								
	3	40		1	107	150		1	133	151								
	1	42		1	43	119		1	60	119								
	2	42		3	114	172		3	132	173								
	3	42		1	99	148		1	130	150								
	1	44			16	88			19	88								
	2	44		2	98	164		2	117	165								
	3	44		1	91	143		1	122	146								
2070	1	40			43	126			89	135								
(00)	2	40		5	90	163		5	147	170								
	3	40		1	71	138		1	134	147								
	1	42			21	78			41	87								
	2	42		3	73	160		3	140	169								
	3	42			60	129			126	139								
	1	44			10	47			13	49								
	2	44		1	62	147		1	125	160								
	3	44			54	123			119	136								
2070	1	40		1	43	95		1	82	104								
(01)	2	40	1	5	84	127	1	5	122	136								
	3	40		3	67	102		3	106	113								
	1	42		1	28	80		1	48	85								
	2	42	1	3	76	121	1	3	113	130								
	3	42		3	57	102		3	103	112								
	1	44			11	48			13	48								
	2	44		2	52	109		2	97	118								
	3	44		1	56	99		1	92	108								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(17a)

City	Alice Springs	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		10	89	174		10	97	78								
(90)	2	40	2	29	130	196	2	29	144	136								
	3	40		24	111	153		24	123	117								
	1	42		4	66	140		4	69	37								
	2	42	2	20	119	187	2	20	130	121								
	3	42		16	101	146		16	114	105								
	1	44		2	35	114		2	36	9								
	2	44		15	110	182		15	116	106								
	3	44		13	87	145		13	104	97								
2070	1	40		5	72	184		5	90	73								
(91)	2	40	2	24	144	202	2	24	157	142								
	3	40		15	105	164		15	124	120								
	1	42		2	53	162		2	60	27								
	2	42	1	19	120	198	1	19	140	121								
	3	42		9	93	160		9	115	105								
	1	44		1	29	116		1	30	4								
	2	44		8	100	192		8	116	99								
	3	44		6	84	155		6	107	94								
2070	1	40		12	80	173		12	89	61								
(92)	2	40	3	23	128	196	3	23	147	137								
	3	40		13	99	144		13	116	115								
	1	42		4	49	141		4	52	25								
	2	42	1	20	115	191	1	20	138	131								
	3	42		6	90	139		6	109	102								
	1	44		1	26	115		1	26	5								
	2	44		16	101	184		16	119	105								
	3	44		6	76	134		6	95	87								
2070	1	40		7	79	164		7	97	81								
(93)	2	40		27	127	189		27	142	132								
	3	40		14	96	155		14	121	120								
	1	42			57	144			63	33								
	2	42		21	111	181		21	124	119								
	3	42		14	94	149		14	113	109								
	1	44			31	108			31	3								
	2	44		16	100	173		16	118	111								
	3	44		9	90	144		9	108	96								
2070	1	40		7	82	162		7	86	58								
(94)	2	40	1	37	130	187	1	37	143	131								
	3	40	1	17	107	151	1	17	120	111								
	1	42		3	62	143		3	65	30								
	2	42	1	29	120	182	1	29	126	102								
	3	42	1	14	96	144	1	14	108	96								
	1	44		1	38	118		1	38	9								
	2	44	1	16	103	176	1	16	108	85								
	3	44	1	11	89	142	1	11	97	84								
2070	1	40		7	63	156		7	79	70								
(95)	2	40	1	28	114	185	1	28	134	130								
	3	40	1	16	94	139	1	16	114	112								
	1	42		5	50	130		5	57	35								
	2	42	1	17	102	178	1	17	123	117								
	3	42		12	86	134		12	106	104								
	1	44		1	32	100		1	34	4								
	2	44	1	11	86	167	1	11	107	94								
	3	44		8	74	130		8	95	93								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(17a)

City	Alice Springs	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		11	85	187		11	89	62								
(96)	2	40	3	34	140	206	3	34	150	138								
	3	40	3	22	117	170	3	22	129	120								
	1	42		4	68	160		4	71	37								
	2	42	1	26	127	200	1	26	139	122								
	3	42	2	20	106	161	2	20	120	111								
	1	44		1	37	125		1	38	5								
	2	44		18	114	196		18	119	95								
	3	44	1	15	97	157	1	15	106	95								
2070	1	40		4	76	170		4	108	87								
(97)	2	40		22	128	192		22	150	147								
	3	40		8	107	158		8	134	133								
	1	42		1	45	136		1	58	34								
	2	42		15	112	187		15	137	132								
	3	42		7	99	153		7	124	121								
	1	44			26	107			26	3								
	2	44		8	94	184		8	120	112								
	3	44		4	85	149		4	116	110								
2070	1	40		15	102	172		15	112	91								
(98)	2	40	5	36	153	182	5	36	163	155								
	3	40	1	22	127	165	1	22	143	140								
	1	42		7	73	163		7	78	45								
	2	42	3	25	139	178	3	25	152	142								
	3	42		14	118	160		14	133	130								
	1	44		2	39	137		2	40	13								
	2	44	1	20	124	176	1	20	136	123								
	3	44		11	108	157		11	127	124								
2070	1	40		3	89	172		3	101	83								
(99)	2	40	1	25	132	192	1	25	148	146								
	3	40		9	114	167		9	134	133								
	1	42		1	61	148		1	71	46								
	2	42	1	14	123	186	1	14	134	131								
	3	42		6	109	164		6	132	129								
	1	44		1	29	123		1	31	9								
	2	44		8	114	176		8	123	109								
	3	44		4	104	158		4	126	120								
2070	1	40		3	48	160		3	92	81								
(00)	2	40		10	121	175		10	151	146								
	3	40		7	95	149		7	135	134								
	1	42			35	135			51	33								
	2	42		10	95	171		10	142	140								
	3	42		5	79	144		5	127	126								
	1	44			12	89			15	6								
	2	44		6	73	164		6	128	124								
	3	44		4	65	142		4	119	119								
2070	1	40		3	48	121		3	82	80								
(01)	2	40	1	18	93	141	1	18	123	122								
	3	40		8	78	110		8	106	106								
	1	42		2	31	99		2	49	37								
	2	42	1	10	84	138	1	10	113	112								
	3	42		6	72	109		6	103	103								
	1	44		1	21	84		1	23	6								
	2	44	1	6	76	130	1	6	100	96								
	3	44		4	61	105		4	93	91								

APPENDIX - 4
(Predicted dangerous days for projected 2070 conditions)

Table - 4(18)

City	Alice Springs	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	4	21	130	184	4	21	154	184								
(90)	2	40	16	73	177	208	15	72	195	210							9	9
	3	40	7	48	134	163	7	48	153	165							10	10
	1	42	2	14	106	172	2	14	117	172								
	2	42	12	49	170	201	12	49	191	205							3	3
	3	42	5	43	134	157	5	43	150	160							7	7
	1	44		5	81	136		5	94	134								
	2	44	8	39	150	194	8	39	173	195							1	1
	3	44	3	33	130	154	3	33	146	156							3	3
2070	1	40	2	20	135	193	2	20	164	196								
(91)	2	40	7	52	185	212	7	52	206	217							3	3
	3	40	4	31	141	174	4	31	169	183							2	2
	1	42	1	6	92	184	1	6	121	184								
	2	42	5	42	180	208	5	42	196	214								
	3	42	1	26	136	170	1	26	159	178								
	1	44		3	67	156		3	86	160								
	2	44	4	33	168	201	4	33	185	206								
	3	44	1	25	135	167	1	25	157	174								
2070	1	40	4	21	126	187	4	21	156	187								
(92)	2	40	15	54	174	199	15	54	192	201							6	6
	3	40	5	28	126	154	5	28	148	158							2	2
	1	42		14	97	171		14	128	173								
	2	42	14	41	161	198	14	41	188	199							1	1
	3	42	3	27	123	150	3	27	145	156							1	1
	1	44		7	66	136		7	84	138								
	2	44	10	30	145	194	10	30	176	195								
	3	44	3	23	120	147	3	23	140	154								
2070	1	40		22	120	176		22	152	179							1	1
(93)	2	40	15	62	166	204	16	63	190	206			1	1	1	1	2	2
	3	40	2	42	127	166	3	43	154	166					1	1	1	1
	1	42		9	96	163		9	117	163								
	2	42	9	49	163	192	10	50	182	196					1	1	1	1
	3	42	1	33	124	161	2	34	149	161					1	1	1	1
	1	44		3	71	135		3	96	137								
	2	44	5	34	147	187	6	35	170	188					1	1	1	1
	3	44	1	25	118	157	1	25	139	156							1	1
2070	1	40	3	31	127	180	3	31	147	182								
(94)	2	40	15	67	164	194	15	67	177	195							10	10
	3	40	9	46	139	168	9	46	152	170							10	10
	1	42	1	12	99	160	1	12	108	160								
	2	42	9	57	156	191	9	57	171	193							1	1
	3	42	6	37	135	160	6	37	148	162							3	3
	1	44	1	4	73	137	1	4	79	138								
	2	44	6	43	145	187	6	43	161	189								
	3	44	2	32	133	156	2	32	144	157							1	1
2070	1	40	5	21	111	171	5	21	144	175								
(95)	2	40	11	51	157	196	11	51	184	198							3	3
	3	40	8	37	119	149	8	37	153	160							6	6
	1	42	1	9	82	155	1	9	114	160								
	2	42	8	46	151	191	8	46	179	194							1	1
	3	42	6	31	115	144	6	31	147	154							1	1
	1	44		6	58	123		6	78	129								
	2	44	6	37	135	184	6	37	171	185								
	3	44	5	27	112	142	5	27	137	150								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(18)

City	Alice Springs	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	4	29	132	197	4	29	160	197								
(96)	2	40	17	70	189	218	17	70	203	218							7	7
	3	40	14	51	148	181	14	51	169	183							5	5
	1	42	1	15	108	185	1	15	125	187								
	2	42	14	63	183	212	14	63	200	213							2	2
	3	42	10	44	143	176	10	44	159	177							2	2
	1	44		8	78	150		8	85	150								
	2	44	9	40	168	206	9	40	186	205								
	3	44	6	33	138	173	6	33	153	173								
2070	1	40	1	16	123	185	1	16	166	188								
(97)	2	40	8	49	171	202	8	49	193	207							1	1
	3	40	3	37	135	175	3	37	173	182							9	9
	1	42		6	89	168		6	127	173								
	2	42	5	38	163	196	5	38	188	200								
	3	42	2	28	131	168	2	28	167	178							1	1
	1	44		2	67	131		2	102	142								
	2	44	4	30	144	192	4	30	180	194								
	3	44	1	21	127	164	1	21	159	174								
2070	1	40	7	26	151	178	7	26	169	179								
(98)	2	40	18	80	173	192	18	80	184	195							13	13
	3	40	8	54	152	173	8	54	170	176							12	12
	1	42	2	17	119	172	2	17	138	172								
	2	42	16	59	172	186	16	59	182	188							6	6
	3	42	5	45	150	169	5	45	167	171							6	6
	1	44	1	10	94	159	1	10	112	160								
	2	44	13	44	168	181	13	44	177	181							1	1
	3	44	4	37	149	168	4	37	166	171							2	2
2070	1	40	1	16	129	177	1	16	156	177								
(99)	2	40	7	68	173	198	7	68	191	200							7	7
	3	40	2	44	148	177	2	44	171	179							10	10
	1	42	1	5	111	170	1	5	127	171								
	2	42	5	52	167	197	5	52	185	198							2	2
	3	42	1	36	143	172	1	36	166	174							5	5
	1	44		1	80	141		1	98	141								
	2	44	2	33	150	191	2	33	180	192							1	1
	3	44	1	28	137	171	1	28	158	172							1	1
2070	1	40		10	109	165		10	156	172								
(00)	2	40	6	38	161	182	6	38	187	191							5	5
	3	40	2	24	130	157	2	24	169	172							8	8
	1	42		4	67	156		4	136	166								
	2	42	4	28	153	178	4	28	180	183							3	3
	3	42	1	20	124	152	1	20	164	167							3	3
	1	44		1	44	127		1	97	138								
	2	44	3	15	139	174	3	15	173	182								
	3	44		13	120	151		13	161	165								
2070	1	40	2	11	91	133	2	11	129	140								
(01)	2	40	6	35	124	156	6	35	155	164							4	4
	3	40	3	25	103	126	3	25	133	137							5	5
	1	42	1	5	72	119	1	5	107	130								
	2	42	4	28	114	147	4	28	146	154							1	1
	3	42	3	22	98	121	3	22	130	134							1	1
	1	44		2	44	95		2	86	105								
	2	44	3	25	103	140	3	25	140	147								
	3	44	3	14	96	116	3	14	127	128							1	1

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(18a)

City	Alice Springs	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	6	49	139	201	6	49	155	153								
(90)	2	40	19	101	183	226	18	100	196	195							9	9
	3	40	14	76	139	181	14	76	153	153						1	10	10
	1	42	2	29	115	187	2	29	121	114								
	2	42	15	87	178	221	15	87	191	191							3	3
	3	42	9	71	138	177	9	71	150	150							7	7
	1	44		15	93	175		15	101	84								
	2	44	12	78	170	216	12	78	177	173							1	1
	3	44	5	59	134	170	5	59	146	146							3	3
2070	1	40	3	42	159	208	3	42	172	161								
(91)	2	40	17	87	190	226	17	87	207	206							3	3
	3	40	7	58	152	189	7	58	170	169							2	2
	1	42	2	24	113	196	2	24	134	116								
	2	42	8	72	185	223	8	72	197	195								
	3	42	4	46	145	184	4	46	160	159								
	1	44		7	79	185		7	93	77								
	2	44	5	59	180	216	5	59	188	185								
	3	44	2	41	139	178	2	41	158	157								
2070	1	40	7	41	139	198	7	41	157	153								
(92)	2	40	20	95	181	212	20	95	192	192							6	6
	3	40	6	59	131	168	6	59	150	148							2	2
	1	42	3	22	112	190	3	22	134	124								
	2	42	16	81	175	206	16	81	189	188							1	1
	3	42	5	49	127	163	5	49	145	145							1	1
	1	44		15	82	174		15	93	70								
	2	44	14	65	161	203	14	65	178	176								
	3	44	4	41	126	159	4	41	141	140								
2070	1	40	3	49	140	192	3	49	155	145							1	1
(93)	2	40	21	94	174	214	22	95	190	190			1	1	1	1	2	2
	3	40	12	74	142	180	13	75	154	154					1	1	1	1
	1	42		27	104	179		27	118	114								
	2	42	15	80	166	209	16	81	182	182					1	1	1	1
	3	42	5	67	132	177	6	68	149	148					1	1	1	1
	1	44		15	83	165		15	100	86								
	2	44	9	69	162	205	10	70	172	170					1	1	1	1
	3	44	2	58	126	173	2	58	140	139							1	1
2070	1	40	4	57	140	191	4	57	152	143								
(94)	2	40	28	98	174	209	28	98	181	177							10	10
	3	40	14	75	142	177	14	75	153	152							10	10
	1	42	1	37	115	182	1	37	120	96								
	2	42	16	83	165	203	16	83	171	170							1	1
	3	42	10	71	139	172	10	71	149	148							3	3
	1	44	1	15	84	164	1	15	88	61								
	2	44	9	73	156	196	9	73	165	160								
	3	44	6	64	137	169	6	64	144	144							1	1
2070	1	40	6	46	124	191	6	46	149	143								
(95)	2	40	16	79	167	215	16	79	185	184							3	3
	3	40	9	61	126	164	9	61	153	153							6	6
	1	42	1	28	94	175	1	28	116	109								
	2	42	11	66	157	210	11	66	179	179							1	1
	3	42	8	59	120	162	8	59	148	147							1	1
	1	44	1	11	66	157	1	11	83	73								
	2	44	8	56	151	197	8	56	172	171								
	3	44	6	53	118	156	6	53	137	137								

APPENDIX - 4

(Predicted dangerous days for projected 2070 conditions)

Table - 4(18a)

City	Alice Springs	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	8	63	155	211	8	63	168	159								
(96)	2	40	25	106	196	231	25	106	203	203							7	7
	3	40	17	81	151	192	17	81	169	169							5	5
	1	42	3	34	123	200	3	34	134	116								
	2	42	18	85	189	223	18	85	200	200							2	2
	3	42	14	69	148	187	14	69	160	159							2	2
	1	44		17	87	188		17	90	69								
	2	44	14	77	183	219	14	77	190	185								
	3	44	12	61	144	184	12	61	153	153								
2070	1	40	2	38	134	196	2	38	166	166								
(97)	2	40	15	81	184	217	15	81	193	193							1	1
	3	40	6	65	143	188	6	65	173	173							9	9
	1	42		22	105	185		22	133	124								
	2	42	8	70	172	212	8	70	188	188								
	3	42	3	55	137	186	3	55	167	167							1	1
	1	44		8	80	170		8	109	94								
	2	44	5	58	163	205	5	58	181	180								
	3	44	2	47	132	182	2	47	159	159								
2070	1	40	10	59	161	186	10	59	171	167								
(98)	2	40	22	115	176	209	22	115	184	184							13	13
	3	40	11	97	156	180	11	97	170	170						1	12	12
	1	42	5	35	133	179	5	35	146	134								
	2	42	20	103	173	201	20	103	182	182							6	6
	3	42	8	89	154	176	8	89	167	167							6	6
	1	44	1	18	106	172	1	18	118	95								
	2	44	16	91	172	195	16	91	177	177							1	1
	3	44	6	83	152	175	6	83	166	166							2	2
2070	1	40	2	52	142	197	2	52	158	156								
(99)	2	40	14	107	176	216	14	107	191	191							7	7
	3	40	5	87	153	187	5	87	171	171							10	10
	1	42	1	25	122	184	1	25	132	125								
	2	42	8	93	173	206	8	93	185	185							2	2
	3	42	3	77	149	186	3	77	166	166							5	5
	1	44		7	93	173		7	104	91								
	2	44	5	79	167	201	5	79	180	180							1	1
	3	44	1	63	144	183	1	63	159	158							1	1
2070	1	40	1	28	132	178	1	28	160	156								
(00)	2	40	10	65	165	195	10	65	187	187							5	5
	3	40	4	52	140	169	4	52	169	169							8	8
	1	42		10	84	170		10	137	136								
	2	42	6	51	161	190	6	51	180	180							3	3
	3	42	3	46	137	166	3	46	165	164							3	3
	1	44		6	53	160		6	100	90								
	2	44	4	43	153	186	4	43	176	173								
	3	44	1	38	128	162	1	38	161	161								
2070	1	40	2	28	96	147	2	28	129	129								
(01)	2	40	9	65	131	174	9	65	155	155							4	4
	3	40	5	54	104	142	5	54	133	133							5	5
	1	42	1	17	81	136	1	17	109	107								
	2	42	6	49	125	169	6	49	147	146							1	1
	3	42	4	44	102	136	4	44	130	130							1	1
	1	44	1	6	49	123	1	6	86	84								
	2	44	4	44	114	159	4	44	140	140								
	3	44	3	36	101	133	3	36	127	127							1	1

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(1)

City	Liverpool	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	5	18		1	29	29								
(90)	2	40	1	2	17	33	1	2	51	52								
	3	40																
	1	42		1	4	12		1	16	17								
	2	42	1	2	11	32	1	2	44	47								
	3	42																
	1	44			3	6			5	7								
	2	44		2	7	25		2	40	42								
	3	44																
2070	1	40			10	31			33	43								
(91)	2	40		2	24	49		2	62	65								
	3	40																
	1	42			4	18			22	26								
	2	42		1	19	46		1	59	62								
	3	42																
	1	44			2	9			9	12								
	2	44			12	41			53	56								
	3	44																
2070	1	40			4	7			12	12								
(92)	2	40			9	18			27	28								
	3	40																
	1	42			3	6			10	11								
	2	42			7	16			24	25								
	3	42																
	1	44			1	3			5	5								
	2	44			7	14			18	20								
	3	44																
2070	1	40			9	24			30	34								
(93)	2	40		1	18	38		1	51	52								
	3	40																
	1	42			4	13			22	25								
	2	42			18	35			44	46								
	3	42																
	1	44			2	9			11	15								
	2	44			16	31			39	40								
	3	44																
2070	1	40			6	25			29	33								
(94)	2	40		3	20	36		3	51	52								
	3	40																
	1	42			5	14			20	23								
	2	42		2	16	30		2	46	46								
	3	42																
	1	44			5	6			11	12								
	2	44		1	10	26		1	36	37								
	3	44																
2070	1	40			5	13			9	12								
(95)	2	40			8	21			23	25								
	3	40																
	1	42			3	8			3	7								
	2	42			8	19			20	22								
	3	42																
	1	44			1	3			1	3								
	2	44			6	16			16	18								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(1)

City	Liverpool	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	13			13	15								
(96)	2	40			12	26			24	27								
	3	40																
	1	42			1	7			7	9								
	2	42			9	24			24	26								
	3	42																
	1	44			1	4			2	5								
	2	44			6	20			20	23								
	3	44																
2070	1	40			12	27			33	36								
(97)	2	40			22	46			59	62								
	3	40																
	1	42			5	18			13	21								
	2	42			18	43			47	51								
	3	42																
	1	44				12			6	13								
	2	44			16	40			40	46								
	3	44																
2070	1	40			10	43			43	53								
(98)	2	40		3	29	57		3	68	69								
	3	40																
	1	42			7	27			24	34								
	2	42		1	24	52		1	63	64								
	3	42																
	1	44			4	11			9	13								
	2	44			20	50			56	61								
	3	44																
2070	1	40			2	22			26	31								
(99)	2	40			16	37			43	44								
	3	40																
	1	42			1	11			14	15								
	2	42			13	32			39	41								
	3	42																
	1	44				1			1	2								
	2	44			7	30			34	36								
	3	44																
2070	1	40			12	28			27	31								
(00)	2	40		3	25	40		3	50	50								
	3	40																
	1	42			6	19			12	20								
	2	42		1	20	38		1	46	47								
	3	42																
	1	44			4	14			7	15								
	2	44		1	16	35		1	41	43								
	3	44																
2070	1	40		1	9	16		1	22	22								
(01)	2	40		2	20	30		2	31	32								
	3	40																
	1	42			7	13			14	15								
	2	42		1	17	26		1	28	29								
	3	42																
	1	44			7	10			10	12								
	2	44		1	15	23		1	24	26								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(1a)

City	Liverpool	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	6	32		2	29	29								
(90)	2	40	1	3	19	45	1	3	51	51								
	3	40																
	1	42		1	4	20		1	16	16								
	2	42	1	3	15	40	1	3	44	44								
	3	42																
	1	44		1	3	14		1	5	5								
	2	44	1	2	9	36	1	2	40	40								
	3	44																
2070	1	40		1	10	46		1	33	33								
(91)	2	40		3	30	66		3	62	62								
	3	40				1												
	1	42			5	35			22	22								
	2	42		3	23	61		3	59	59								
	3	42				1												
	1	44			3	22			9	8								
	2	44		2	18	51		2	53	53								
	3	44																
2070	1	40			5	15			12	12								
(92)	2	40			10	25			27	27								
	3	40																
	1	42			3	10			10	10								
	2	42			8	23			24	24								
	3	42																
	1	44			1	5			5	5								
	2	44			7	20			18	18								
	3	44																
2070	1	40			13	34			31	30								
(93)	2	40		1	25	51		1	51	51								
	3	40																
	1	42			4	25			22	22								
	2	42		1	19	48		1	44	44								
	3	42																
	1	44			2	13			11	10								
	2	44		1	17	45		1	39	39								
	3	44																
2070	1	40		2	6	30		2	29	29								
(94)	2	40		5	23	48		5	51	51								
	3	40				1												
	1	42		1	6	25		1	21	19								
	2	42		5	19	45		5	46	46								
	3	42																
	1	44			5	19			11	7								
	2	44		4	16	40		4	36	36								
	3	44																
2070	1	40			5	19			9	9								
(95)	2	40		1	11	25		1	23	23								
	3	40																
	1	42			5	13			5	2								
	2	42		1	8	23		1	20	20								
	3	42																
	1	44			1	6			1									
	2	44		1	8	21		1	16	16								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(1a)

City	Liverpool	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			4	22			13	12								
(96)	2	40		1	15	35		1	24	24								
	3	40																
	1	42			3	14			8	7								
	2	42		1	13	31		1	24	24								
	3	42																
	1	44			1	10			2	2								
	2	44			8	27			20	20								
	3	44																
2070	1	40			13	43			33	33								
(97)	2	40		2	27	63		2	59	59								
	3	40																
	1	42			9	30			15	12								
	2	42		2	22	59		2	48	47								
	3	42																
	1	44			2	22			6	6								
	2	44			18	50			40	40								
	3	44																
2070	1	40		1	14	52		1	43	43								
(98)	2	40		4	40	68		4	68	68								
	3	40																
	1	42			7	45			24	22								
	2	42		3	30	65		3	64	63								
	3	42																
	1	44			4	29			9	8								
	2	44		3	24	62		3	57	56								
	3	44																
2070	1	40			2	32			26	26								
(99)	2	40			24	44			44	43								
	3	40																
	1	42			1	24			14	14								
	2	42			19	41			39	39								
	3	42																
	1	44				12			1	1								
	2	44			12	39			34	34								
	3	44																
2070	1	40		1	14	38		1	28	26								
(00)	2	40		5	27	50		5	50	50								
	3	40																
	1	42			7	28			13	12								
	2	42		4	25	47		4	46	46								
	3	42																
	1	44			4	25			7	5								
	2	44		3	19	41		3	41	41								
	3	44																
2070	1	40		1	11	21		1	22	22								
(01)	2	40	1	4	22	35	1	4	31	31								
	3	40																
	1	42		1	8	16		1	14	14								
	2	42		4	19	33		4	28	28								
	3	42																
	1	44			7	13			10	10								
	2	44		3	16	30		3	24	24								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(2)

City	Liverpool	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	2	12	32	1	2	45	48								
(90)	2	40	2	3	28	46	2	3	67	68								
	3	40			1	1												
	1	42		1	6	20		1	33	34								
	2	42	1	3	24	41	1	3	59	62								
	3	42			1	1												
	1	44		1	4	14		1	21	23								
	2	44	1	3	20	37	1	3	53	55								
	3	44			1	1												
2070	1	40		1	20	46		1	59	62								
(91)	2	40		3	42	66		3	80	83							1	1
	3	40				1			1	1								
	1	42			11	35			40	48								
	2	42		3	36	62		3	72	75								
	3	42				1				1								
	1	44			4	22			25	32								
	2	44		2	28	51		2	67	70								
	3	44																
2070	1	40			7	16			24	25								
(92)	2	40			15	25	1	1	41	42	1	1	1	1	1	1	1	1
	3	40																
	1	42			5	11			16	18								
	2	42			11	23			33	34			1	1	1	1	1	1
	3	42																
	1	44			3	6			11	11								
	2	44			9	20			27	28							1	1
	3	44																
2070	1	40			18	35			44	46								
(93)	2	40		1	30	51		1	65	65							2	2
	3	40																
	1	42			15	27			35	37								
	2	42		1	27	48		1	60	60							1	1
	3	42																
	1	44			5	13			23	26								
	2	44		1	25	46		1	52	55								
	3	44																
2070	1	40		2	16	31		2	46	46								
(94)	2	40	1	5	27	48	1	5	61	63							1	1
	3	40			1	1				1								
	1	42		1	7	25		1	34	36								
	2	42		5	26	46		5	57	58							1	1
	3	42			1	1												
	1	44			5	19			21	26								
	2	44		4	23	41		4	55	56								
	3	44			1	1												
2070	1	40			8	20			20	23								
(95)	2	40		1	15	26		1	32	34								
	3	40																
	1	42			5	13			14	15								
	2	42		1	14	24		1	27	28								
	3	42																
	1	44			4	8			4	7								
	2	44		1	9	21		1	24	25								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(2)

City	Liverpool	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			9	24			24	26								
(96)	2	40		1	19	35		1	38	40								
	3	40																
	1	42			4	14			16	19								
	2	42		1	16	31		1	34	36								
	3	42																
	1	44			2	10			9	10								
	2	44			13	28			28	30								
	3	44																
2070	1	40			18	44			47	51								
(97)	2	40		2	35	65		2	81	84								
	3	40																
	1	42			13	30			38	41								
	2	42		2	27	59		2	74	77								
	3	42																
	1	44			8	22			21	28								
	2	44			24	51			67	69								
	3	44																
2070	1	40		1	25	53		1	64	64								
(98)	2	40		4	51	70		4	80	82	1	1	1	1	1	1	1	1
	3	40																
	1	42			11	45			49	56								
	2	42		3	44	66		3	78	79							1	1
	3	42																
	1	44			7	29			29	40								
	2	44		3	38	63		3	72	73								
	3	44																
2070	1	40			13	33			39	41								
(99)	2	40			32	44			55	56								
	3	40																
	1	42			3	25			30	32								
	2	42			27	41			50	52								
	3	42																
	1	44			1	13			19	19								
	2	44			21	39			48	50								
	3	44																
2070	1	40		1	20	38		1	46	47								
(00)	2	40	1	5	32	50	1	5	62	63							1	1
	3	40																
	1	42		1	14	28		1	33	35								
	2	42		4	28	47		4	60	60								
	3	42																
	1	44			6	25			16	26								
	2	44		4	27	42		4	54	54								
	3	44																
2070	1	40		2	18	26		2	28	29								
(01)	2	40	1	4	25	36	1	4	40	42							2	2
	3	40																
	1	42		1	12	19		1	23	23								
	2	42	1	4	24	35	1	4	35	38							1	1
	3	42																
	1	44			8	13			15	16								
	2	44	1	3	23	33	1	3	32	35								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(2a)

City	Liverpool	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	3	15	40	1	3	45	45								
(90)	2	40	2	5	32	58	2	5	67	67								
	3	40			1	1												
	1	42		2	7	32		2	33	33								
	2	42	2	4	27	53	2	4	59	59								
	3	42			1	1												
	1	44		2	4	25		2	21	21								
	2	44	1	4	22	48	1	4	53	53								
	3	44			1	1												
2070	1	40		3	23	61		3	59	59								
(91)	2	40	1	7	48	79	1	7	80	80							1	1
	3	40				1			1	1								
	1	42		1	11	47		1	40	40								
	2	42		4	42	74		4	72	72								
	3	42				1												
	1	44			6	39			25	25								
	2	44		3	35	70		3	67	67								
	3	44				1												
2070	1	40			8	23			24	24								
(92)	2	40		1	16	35	1	2	41	41	1	1	1	1	1	1	1	1
	3	40																
	1	42			6	17			16	16								
	2	42			14	33			33	33			1	1	1	1	1	1
	3	42																
	1	44			3	13			11	11								
	2	44			11	28			27	27							1	1
	3	44																
2070	1	40		1	19	48		1	44	44								
(93)	2	40		3	35	59		3	65	65							2	2
	3	40				1												
	1	42			15	38			35	34								
	2	42		2	30	57		2	60	60							1	1
	3	42																
	1	44			5	27			23	23								
	2	44		1	27	55		1	52	52								
	3	44																
2070	1	40		5	19	45		5	46	46								
(94)	2	40	2	6	30	64	2	6	61	61							1	1
	3	40			1	1												
	1	42		3	10	34		3	34	34								
	2	42	1	5	26	59	1	5	57	57							1	1
	3	42			1	1												
	1	44		1	6	25		1	22	21								
	2	44		5	26	52		5	55	55								
	3	44			1	1												
2070	1	40		1	8	23		1	20	20								
(95)	2	40		3	20	33		3	32	32								
	3	40				1												
	1	42			6	21			14	14								
	2	42		2	17	32		2	27	27								
	3	42				1												
	1	44			5	14			5	2								
	2	44		1	13	27		1	24	24								
	3	44				1												

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(2a)

City	Liverpool	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	13	31		1	24	24								
(96)	2	40		3	23	41		3	38	38								
	3	40																
	1	42			5	24			16	15								
	2	42		3	20	40		3	34	34								
	3	42																
	1	44			3	17			9	8								
	2	44		1	16	37		1	28	28								
	3	44																
2070	1	40		2	22	59		2	48	47								
(97)	2	40		10	43	76		10	81	81								
	3	40																
	1	42			16	46			38	38								
	2	42		9	35	70		9	74	74								
	3	42																
	1	44			10	34			22	19								
	2	44		4	27	67		4	67	67								
	3	44																
2070	1	40		3	30	65		3	64	63								
(98)	2	40	1	9	53	81	1	9	80	80	1	1	1	1	1	1	1	1
	3	40				2												
	1	42		3	20	57		3	50	49								
	2	42		6	51	78		6	78	78							1	1
	3	42				2												
	1	44			9	50			29	28								
	2	44		6	44	74		6	72	72								
	3	44																
2070	1	40			19	41			39	39								
(99)	2	40		1	35	57		1	55	55								
	3	40																
	1	42			6	35			30	30								
	2	42			31	53			50	50								
	3	42																
	1	44			2	29			19	19								
	2	44			25	48			48	48								
	3	44																
2070	1	40		4	25	47		4	46	46								
(00)	2	40	1	12	36	56	1	12	62	62							1	1
	3	40																
	1	42		2	16	39		2	34	32								
	2	42	1	7	34	54	1	7	60	60								
	3	42																
	1	44		1	10	32		1	18	16								
	2	44		5	28	54		5	54	54								
	3	44																
2070	1	40		4	19	33		4	28	28								
(01)	2	40	1	5	27	43	1	5	40	40							2	2
	3	40																
	1	42		2	14	26		2	23	23								
	2	42	1	5	25	41	1	5	35	35							1	1
	3	42																
	1	44		1	8	18		1	15	15								
	2	44	1	4	24	37	1	4	32	32								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(3)

City	Liverpool	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	2	13	32	1	2	49	50								
(90)	2	40	2	3	29	49	2	3	68	69								
	3	40			1	1												
	1	42		1	6	24		1	35	37								
	2	42	1	3	26	43	1	3	61	64								
	3	42			1	1												
	1	44		1	4	14		1	25	27								
	2	44	1	3	20	37	1	3	57	58								
	3	44			1	1												
2070	1	40		1	21	47		1	60	63								
(91)	2	40		3	44	67		3	81	85							1	1
	3	40				1			1	1								
	1	42			12	38			46	54								
	2	42		3	37	63		3	74	76								
	3	42				1				1								
	1	44			5	24			26	34								
	2	44		2	29	56		2	68	73								
	3	44				1				1								
2070	1	40			8	17			25	25								
(92)	2	40			15	27	1	1	42	44	1	1	1	1	1	1	2	2
	3	40																
	1	42			7	13			17	19								
	2	42			12	23	1	1	36	37			1	1	1	1	1	1
	3	42																
	1	44			3	6			11	11								
	2	44			10	21			30	30							1	1
	3	44																
2070	1	40			18	38			45	47								
(93)	2	40		1	32	52		1	66	66							3	3
	3	40																
	1	42			15	28			35	37								
	2	42		1	28	49		1	61	62							1	1
	3	42																
	1	44			5	19			24	31								
	2	44		1	25	46		1	54	56								
	3	44																
2070	1	40		3	16	32		3	46	46								
(94)	2	40	1	5	28	50	1	5	63	66							1	1
	3	40			1	1				1								
	1	42		1	8	25		1	34	36								
	2	42	1	5	26	46	1	5	57	58							1	1
	3	42			1	1												
	1	44			5	21			22	27								
	2	44		4	23	42		4	56	57								
	3	44			1	1												
2070	1	40			8	21			23	25								
(95)	2	40		1	17	26		1	35	35								
	3	40				1			1	1								
	1	42			5	13			16	17								
	2	42		1	14	24		1	28	29								
	3	42																
	1	44			4	8			4	7								
	2	44		1	9	21		1	25	25								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(3)

City	Liverpool	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			9	25			24	27								
(96)	2	40		1	21	35		1	40	42								
	3	40																
	1	42			5	17			17	21								
	2	42		1	16	33		1	35	37								
	3	42																
	1	44			3	11			11	13								
	2	44			15	29			29	32								
	3	44																
2070	1	40			19	45			51	53								
(97)	2	40		3	41	67		3	84	87								
	3	40																
	1	42			13	34			39	43								
	2	42		2	30	61		2	76	80								
	3	42																
	1	44			10	22			23	29								
	2	44			27	54			70	72								
	3	44																
2070	1	40		2	28	55		2	66	67								
(98)	2	40		5	51	72		5	82	84	1	1	1	1	1	1	1	1
	3	40																
	1	42			14	48			51	58								
	2	42		3	46	66		3	78	79							1	1
	3	42																
	1	44			7	34			33	44								
	2	44		3	41	63		3	75	75								
	3	44																
2070	1	40			14	33			40	41								
(99)	2	40			33	45			56	57								
	3	40																
	1	42			4	27			31	33								
	2	42			28	42			51	53								
	3	42																
	1	44			1	18			21	22								
	2	44			24	39			49	51								
	3	44																
2070	1	40		1	20	39		1	47	48								
(00)	2	40	1	5	35	51	1	5	63	64							1	1
	3	40																
	1	42		1	14	31		1	35	38								
	2	42		4	28	48		4	60	60								
	3	42																
	1	44			7	25			20	27								
	2	44		4	27	44		4	54	55								
	3	44																
2070	1	40		2	20	27		2	29	30								
(01)	2	40	1	4	26	37	1	4	43	45							2	2
	3	40																
	1	42		1	13	20		1	23	25								
	2	42	1	4	24	36	1	4	37	39							1	1
	3	42																
	1	44			8	14			17	17								
	2	44	1	3	23	33	1	3	32	35								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(3a)

City	Liverpool	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	3	15	41	1	3	49	49								
(90)	2	40	2	5	35	60	2	5	68	68								
	3	40			1	1												
	1	42		2	7	32		2	35	35								
	2	42	2	4	29	56	2	4	61	61								
	3	42			1	1												
	1	44		2	5	25		2	25	25								
	2	44	1	4	22	51	1	4	57	57								
	3	44			1	1												
2070	1	40		3	26	62		3	60	60								
(91)	2	40	1	9	48	80	1	9	81	81							1	1
	3	40				1			1	1								
	1	42		2	15	49		2	47	46								
	2	42		5	44	76		5	74	74								
	3	42				1												
	1	44			9	41			26	26								
	2	44		3	36	73		3	68	68								
	3	44				1												
2070	1	40			8	23			25	25								
(92)	2	40		1	17	35	1	2	42	42	1	1	1	1	1	1	2	2
	3	40																
	1	42			7	19			17	17								
	2	42			14	33	1	1	36	36			1	1	1	1	1	1
	3	42																
	1	44			4	13			11	11								
	2	44			12	28			30	30							1	1
	3	44																
2070	1	40		1	23	49		1	45	45								
(93)	2	40		4	36	61		4	66	66							3	3
	3	40				1												
	1	42		1	15	39		1	35	35								
	2	42		2	34	57		2	61	61							1	1
	3	42																
	1	44			6	29			24	24								
	2	44		1	28	57		1	54	54								
	3	44																
2070	1	40		5	21	45		5	46	46								
(94)	2	40	2	6	32	68	2	6	63	63							1	1
	3	40			1	1												
	1	42		4	15	36		4	34	34								
	2	42	1	6	28	60	1	6	57	57							1	1
	3	42			1	1												
	1	44		1	6	26		1	23	22								
	2	44	1	5	26	52	1	5	56	56								
	3	44			1	1												
2070	1	40		1	9	23		1	23	23								
(95)	2	40		3	21	33		3	35	35								
	3	40				1			1	1								
	1	42			7	21			16	16								
	2	42		3	18	32		3	28	28								
	3	42				1												
	1	44			5	16			5	2								
	2	44		2	13	29		2	25	25								
	3	44				1												

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(Predicted dangerous days for projected 2070 conditions)

Table - 5(3a)

City	Liverpool	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	13	33		1	24	24								
(96)	2	40		3	24	42		3	40	40								
	3	40																
	1	42			8	25			17	16								
	2	42		3	22	41		3	35	35								
	3	42																
	1	44			3	19			11	10								
	2	44		2	16	37		2	29	29								
	3	44																
2070	1	40		2	23	61		2	51	51								
(97)	2	40		11	45	79		11	84	84								
	3	40																
	1	42			16	47			39	39								
	2	42		10	40	72		10	76	76								
	3	42																
	1	44			12	40			24	22								
	2	44		5	30	68		5	70	70								
	3	44																
2070	1	40		3	34	65		3	66	65								
(98)	2	40	1	9	54	82	1	9	82	82	1	1	1	1	1	1	1	1
	3	40				2												
	1	42		3	21	58		3	51	51								
	2	42		6	51	78		6	78	78							1	1
	3	42				2												
	1	44			10	50			33	32								
	2	44		6	46	76		6	75	75								
	3	44				1												
2070	1	40			20	42			40	40								
(99)	2	40		1	35	57		1	56	56								
	3	40																
	1	42			8	37			31	31								
	2	42			33	55			51	51								
	3	42																
	1	44			2	30			21	21								
	2	44			26	49			49	49								
	3	44																
2070	1	40		4	25	48		4	47	47								
(00)	2	40	1	12	38	56	1	12	63	63							1	1
	3	40																
	1	42		3	19	40		3	36	34								
	2	42	1	7	35	54	1	7	60	60								
	3	42																
	1	44		1	12	35		1	22	19								
	2	44		6	28	54		6	54	54								
	3	44																
2070	1	40		4	21	35		4	29	29								
(01)	2	40	1	5	28	43	1	5	43	43							2	2
	3	40																
	1	42		2	14	27		2	23	23								
	2	42	1	5	27	43	1	5	37	37							1	1
	3	42																
	1	44		1	8	19		1	17	17								
	2	44	1	4	24	38	1	4	32	32								
	3	44																

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(Predicted dangerous days for projected 2070 conditions)

Table - 5(4)

City	Liverpool	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	5	9	46	69	6	9	105	106	2	2	3	3	9	9	29	29
(90)	2	40	14	28	62	88	45	49	134	135	56	56	68	68	82	82	124	127
	3	40		1	1	1	7	7	6	6	10	10	15	15	23	23	38	38
	1	42	2	5	39	59	2	5	89	89							6	6
	2	42	13	24	60	82	26	30	129	129	33	33	45	45	58	58	87	87
	3	42		1	1	1	5	5	5	5	5	5	9	9	15	15	28	28
	1	44	2	4	31	50	2	4	71	71								
	2	44	13	23	54	77	13	19	120	120	13	13	20	20	33	33	65	65
	3	44			1	1	3	3	5	5	3	3	4	4	10	10	19	19
2070	1	40	3	11	64	89	8	14	106	109	6	6	6	6	9	9	25	25
(91)	2	40	10	35	81	107	42	58	131	134	45	45	51	51	65	66	101	104
	3	40			3	4	4	4	9	9	8	8	8	9	12	13	22	24
	1	42	2	7	53	79	3	8	94	95	1	1	2	2	2	2	10	10
	2	42	5	28	77	99	29	41	123	123	28	28	37	37	49	49	82	82
	3	42			2	4	2	2	9	9	4	4	6	6	8	9	15	16
	1	44		3	47	68		3	82	86							2	2
	2	44	3	21	74	93	16	25	116	118	14	14	20	20	29	29	58	58
	3	44			1	4			9	9	2	2	3	3	4	4	11	11
2070	1	40	1	3	26	47	8	8	77	77	5	5	8	8	12	12	19	19
(92)	2	40	5	10	42	66	28	29	103	103	35	35	45	45	58	58	100	100
	3	40					3	5	10	10	9	9	13	13	18	20	31	31
	1	42		1	20	35	3	4	61	61	2	2	2	2	5	5	8	8
	2	42	3	7	39	60	22	23	95	95	21	21	27	27	35	35	63	63
	3	42							7	7	4	4	7	7	12	12	23	23
	1	44			15	28	1	1	46	48	1	1	1	1	1	1	3	3
	2	44	2	6	34	49	14	15	87	87	12	12	18	18	21	21	38	38
	3	44							7	7	1	1	4	4	5	5	17	18
2070	1	40	2	10	50	67	11	16	91	92	10	10	11	11	14	14	27	27
(93)	2	40	12	27	64	88	42	49	125	125	47	47	56	56	65	67	98	99
	3	40			1	1	1	1	3	3	1	1	6	6	11	11	21	22
	1	42	1	2	42	59	4	4	81	81	1	1	2	2	5	5	13	13
	2	42	4	20	62	81	27	34	112	113	31	31	39	39	46	46	75	75
	3	42				1			3	3			1	1	7	7	14	14
	1	44		1	35	55		1	67	67					1	1	3	3
	2	44	2	13	59	73	19	24	104	104	19	19	23	23	32	32	53	53
	3	44				1			3	3					3	3	6	6
2070	1	40	5	10	49	80	6	10	93	97	2	2	7	7	10	10	25	25
(94)	2	40	8	27	76	95	35	40	111	113	37	38	44	44	59	61	87	87
	3	40	1	2	1	1	2	2	5	5	2	2	2	2	8	8	21	22
	1	42	4	6	40	65	4	6	82	85					1	1	8	8
	2	42	7	23	66	94	27	31	107	108	23	23	27	27	39	39	68	68
	3	42	1	2	1	1			4	4			1	1	7	7	12	12
	1	44	1	5	29	51	1	5	64	67							1	1
	2	44	6	19	61	89	17	24	101	102	11	11	17	17	27	27	47	47
	3	44			1	1			3	3					1	1	8	8
2070	1	40	2	6	27	41	1	5	55	56							3	3
(95)	2	40	19	27	39	59	10	16	77	77	11	11	17	18	24	24	49	51
	3	40	2	2	1	2	2	2	5	5	4	4	5	5	5	5	6	6
	1	42		3	24	35		3	46	46								
	2	42	14	18	39	55	7	10	75	75	6	6	9	9	13	13	36	36
	3	42	2	2	1	2	1	1	5	5	3	3	3	3	3	3	5	5
	1	44		1	19	27		1	37	37								
	2	44	9	13	37	50	3	6	66	67	1	1	4	4	5	5	18	18
	3	44			1	2	1	1	4	4	2	2	2	2	2	2	4	4

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(Predicted dangerous days for projected 2070 conditions)

Table - 5(4)

City	Liverpool	Dress	Fully Clothed					Activity		Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick							
		Gender	Male					Met. Rate		1492 K. joules / hr.							
Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.																	
Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	8	35	50	2	7	72	72	1	1	1	1	2	2	8	8
(96)	2	40	11	21	43	63	16	20	84	84	17	17	20	20	27	28	60	62
	3	40													1	1	5	5
	1	42		3	29	41		3	58	59							2	2
	2	42	6	15	41	59	9	13	79	79	8	8	10	10	18	18	37	37
	3	42															3	3
	1	44		1	23	36		1	43	44								
	2	44	3	11	38	55	5	10	77	77	3	3	5	5	9	9	20	20
	3	44																
2070	1	40	3	16	65	91	5	16	112	113	2	2	3	3	6	6	19	19
(97)	2	40	26	40	85	113	34	42	139	141	34	35	38	40	59	60	100	103
	3	40	5	6					2	2							6	6
	1	42		10	50	77		10	99	99							6	6
	2	42	19	36	76	102	21	33	130	130	16	16	24	24	38	40	79	79
	3	42	2	3					1	1								
	1	44		4	42	67		4	86	87							1	1
	2	44	9	23	71	96	11	22	124	124	11	11	12	12	19	19	52	52
	3	44	1	2					1	1								
2070	1	40	4	21	69	90	6	21	106	107	2	2	2	2	7	7	29	29
(98)	2	40	15	49	83	110	38	52	135	135	42	42	47	48	65	66	107	107
	3	40	1	2	2	3			8	8	1	1	3	4	6	7	12	13
	1	42	4	10	61	81	4	10	99	100	1	1	1	1	1	1	8	8
	2	42	12	43	80	110	27	46	127	129	21	21	27	27	40	40	79	80
	3	42	1	2	2	3			8	8			1	1	2	3	8	8
	1	44	1	6	51	74	2	7	88	90	1	1	1	1	1	1	1	1
	2	44	8	30	77	106	14	33	120	122	13	13	15	15	26	26	57	57
	3	44	1	1	2	2			5	5							4	5
2070	1	40		5	49	72		5	96	97					2	2	19	19
(99)	2	40	12	34	69	93	29	36	121	122	37	37	43	43	60	60	99	101
	3	40	2	2					2	2					1	1	8	9
	1	42		1	39	59		1	80	82							1	1
	2	42	7	27	63	85	17	26	111	113	18	18	26	26	35	35	73	73
	3	42	1	1					2	2							5	5
	1	44			34	48			59	60								
	2	44	3	15	56	81	7	15	106	109	4	4	7	7	19	19	42	42
	3	44	1	1					2	2							1	1
2070	1	40	4	16	52	69	5	16	93	95	1	1	1	1	6	6	18	18
(00)	2	40	15	29	63	89	32	38	116	117	34	34	39	39	57	60	98	98
	3	40					1	1					1	1	5	5	13	13
	1	42	3	12	42	57	4	12	76	76					1	1	5	5
	2	42	9	27	58	80	16	29	110	111	17	17	23	23	34	34	71	72
	3	42													2	2	8	8
	1	44	1	5	35	54	1	5	65	66							1	1
	2	44	6	23	56	74	12	24	104	104	11	11	13	13	18	18	45	45
	3	44															3	3
2070	1	40	9	13	40	48	7	9	65	66	6	6	8	8	10	10	20	20
(01)	2	40	26	33	48	56	29	30	82	83	34	35	40	41	44	44	69	70
	3	40	2	2	1	1	1	1					1	1	4	4	9	9
	1	42	4	6	35	46	3	5	56	56			1	1	2	2	10	10
	2	42	19	26	47	51	21	23	80	81	26	26	31	31	39	40	47	47
	3	42	1	1	1	1									1	1	4	4
	1	44	1	4	27	37	1	4	44	46							2	2
	2	44	12	17	42	49	14	15	75	76	15	15	19	19	20	20	40	40
	3	44	1	1	1	1									1	1	1	1

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(Predicted dangerous days for projected 2070 conditions)

Table - 5(4a)

City	Liverpool	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	6	17	50	81	6	16	105	105	2	3	3	6	9	12	29	29
(90)	2	40	16	53	69	121	45	64	134	134	56	69	68	83	82	110	124	124
	3	40		1	1	2	7	7	6	6	10	10	15	17	23	25	38	38
	1	42	3	8	43	71	3	8	89	89							6	6
	2	42	15	43	63	108	27	45	129	129	33	41	45	53	58	72	87	87
	3	42		1	1	2	5	5	5	5	5	5	9	9	15	18	28	28
	1	44	2	5	35	60	2	5	71	71								
	2	44	13	33	59	96	13	29	120	120	13	18	20	26	33	39	65	65
	3	44		1	1	1	3	3	5	5	3	3	4	5	10	10	19	19
2070	1	40	3	28	70	99	8	30	106	106	6	7	6	8	9	10	25	25
(91)	2	40	10	65	88	125	42	75	131	131	45	72	51	91	65	114	101	101
	3	40		1	4	7	4	5	9	9	8	11	8	12	12	15	22	22
	1	42	2	16	60	90	3	17	94	94	1	1	2	2	2	2	10	10
	2	42	9	50	81	120	29	59	123	123	28	43	37	55	49	80	82	82
	3	42		1	3	6	2	3	9	9	4	5	6	9	8	13	15	15
	1	44	1	9	49	81	1	9	82	82							2	2
	2	44	5	38	77	114	16	41	116	116	14	19	20	28	29	44	58	58
	3	44			1	5			9	9	2	2	3	5	4	6	11	11
2070	1	40	1	6	30	59	8	10	77	77	5	5	8	8	12	12	19	19
(92)	2	40	6	29	46	88	28	44	103	103	35	44	45	59	58	83	100	100
	3	40				4	3	5	10	10	9	12	13	17	18	22	31	31
	1	42		2	22	47	3	5	61	61	2	2	2	2	5	5	8	8
	2	42	4	19	42	81	22	31	95	95	21	23	27	30	35	45	63	63
	3	42				1			7	7	4	4	7	11	12	17	23	23
	1	44		1	17	36	1	2	46	46	1	1	1	1	1	1	3	3
	2	44	2	14	37	74	14	21	87	87	12	12	18	19	21	23	38	38
	3	44				1			7	7	1	1	4	5	5	9	17	17
2070	1	40	2	19	55	81	11	24	91	91	10	10	11	12	14	14	27	27
(93)	2	40	13	52	68	97	42	65	125	125	47	67	56	80	65	97	98	98
	3	40		1	1	1	1	2	3	3	1	2	6	7	11	16	21	21
	1	42	1	13	46	69	4	14	81	81	1	1	2	2	5	5	13	13
	2	42	11	41	64	91	29	47	112	112	31	43	39	50	46	68	75	75
	3	42			1	1			3	3			1	2	7	9	14	14
	1	44		8	36	62		8	67	67					1	1	3	3
	2	44	2	27	60	87	19	35	104	104	19	21	23	30	32	42	53	53
	3	44			1	1			3	3					3	4	6	6
2070	1	40	5	22	53	92	6	22	93	93	2	2	7	8	10	14	25	25
(94)	2	40	10	52	82	108	36	59	111	111	37	56	44	69	59	101	87	87
	3	40	1	2	1	2	2	3	5	5	2	4	2	4	8	10	21	21
	1	42	5	14	47	81	5	14	82	82					1	1	8	8
	2	42	7	37	76	101	27	43	107	107	23	34	27	38	39	60	68	68
	3	42	1	2	1	2		1	4	4			1	2	7	8	12	12
	1	44	3	6	33	70	3	6	64	64							1	1
	2	44	7	26	65	96	18	28	101	101	11	16	17	26	27	36	47	47
	3	44		1	1	1		1	3	3					1	2	8	8
2070	1	40	2	8	31	53	1	7	55	55							3	3
(95)	2	40	20	37	42	69	11	30	77	77	11	32	17	42	24	63	49	49
	3	40	2	3	2	3	2	2	5	5	4	4	5	5	5	7	6	6
	1	42	1	6	26	43	1	6	46	46								
	2	42	14	30	39	64	7	23	75	75	6	14	9	20	13	35	36	36
	3	42	2	2	2	3	1	1	5	5	3	3	3	3	3	4	5	5
	1	44		3	22	34		3	37	37								
	2	44	10	19	39	60	4	14	66	66	1	4	4	8	5	13	18	18
	3	44			1	3	1	1	4	4	2	2	2	2	2	2	4	4

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(4a)

City	Liverpool	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	13	37	59	2	12	72	72	1	1	1	1	2	2	8	8
(96)	2	40	12	37	46	71	16	35	84	84	17	35	20	47	27	70	60	60
	3	40													1	3	5	5
	1	42	1	7	31	50	1	7	58	58							2	2
	2	42	7	27	43	69	10	26	79	79	8	14	10	19	18	41	37	37
	3	42															3	3
	1	44		4	25	43		4	43	43								
	2	44	4	18	41	65	5	17	77	77	3	5	5	8	9	14	20	20
	3	44																
2070	1	40	5	28	69	101	6	27	112	112	2	4	3	4	6	8	19	19
(97)	2	40	28	75	91	126	34	71	139	139	34	71	38	83	59	118	100	100
	3	40	5	7		1			2	2				1		5	6	6
	1	42		17	59	92		17	99	99							6	6
	2	42	21	56	84	118	22	52	130	130	16	34	24	44	38	78	79	79
	3	42	2	3					1	1						1		
	1	44		12	45	82		12	86	86							1	1
	2	44	11	35	75	113	12	34	124	124	11	18	12	23	19	34	52	52
	3	44	1	2					1	1								
2070	1	40	7	40	74	110	8	40	106	106	2	2	2	6	7	9	29	29
(98)	2	40	24	70	88	126	40	69	135	135	42	74	47	84	65	109	107	107
	3	40	2	3	2	4		2	8	8	1	6	3	8	6	11	12	12
	1	42	4	23	65	95	4	23	99	99	1	1	1	1	1	1	8	8
	2	42	13	61	83	121	27	62	127	127	21	48	27	55	40	76	79	79
	3	42	2	3	2	3		1	8	8		3	1	5	2	7	8	8
	1	44	2	9	56	83	3	10	88	88	1	1	1	1	1	1	1	1
	2	44	10	51	80	114	14	50	120	120	13	24	15	31	26	48	57	57
	3	44	1	1	2	3			5	5				1		4	4	4
2070	1	40		21	52	83		21	96	96					2	3	19	19
(99)	2	40	15	59	75	111	29	55	121	121	37	55	43	69	60	103	99	99
	3	40	2	4				2	2	2					1	4	8	8
	1	42		7	41	74		7	80	80							1	1
	2	42	7	41	68	103	17	39	111	111	18	29	26	39	35	55	73	73
	3	42	1	1					2	2							5	5
	1	44		1	35	61		1	59	59								
	2	44	4	30	62	98	8	30	106	106	4	5	7	11	19	28	42	42
	3	44	1	1					2	2							1	1
2070	1	40	5	27	56	80	6	27	93	93	1	2	1	4	6	10	18	18
(00)	2	40	17	49	69	95	33	55	116	116	34	59	39	67	57	100	98	98
	3	40					1	1					1	3	5	7	13	13
	1	42	4	19	46	70	5	19	76	76					1	1	5	5
	2	42	14	39	62	93	19	41	110	110	17	35	23	40	34	61	71	71
	3	42													2	3	8	8
	1	44	1	14	39	59	1	14	65	65							1	1
	2	44	10	32	58	91	14	33	104	104	11	22	13	28	18	34	45	45
	3	44															3	3
2070	1	40	9	17	41	51	7	14	65	65	6	6	8	8	10	11	20	20
(01)	2	40	27	48	48	70	29	47	82	82	34	42	40	54	44	70	69	69
	3	40	2	5	1	1	1	2					1	1	4	6	9	9
	1	42	5	9	36	48	4	8	56	56			1	1	2	2	10	10
	2	42	20	35	47	67	21	34	80	80	26	28	31	34	39	49	47	47
	3	42	1	1	1	1									1	1	4	4
	1	44	2	6	28	43	2	6	44	44							2	2
	2	44	12	22	47	57	14	19	75	75	15	16	19	20	20	22	40	40
	3	44	1	1	1	1									1	1	1	1

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(5)

City	Liverpool	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	4	15		1	28	28								
(90)	2	40		2	13	32		2	48	49								
	3	40																
	1	42			3	8			10	12								
	2	42		2	7	29		2	41	45								
	3	42																
	1	44			3	5			5	6								
	2	44		1	6	24		1	34	36								
	3	44																
2070	1	40			6	28			30	40								
(91)	2	40		1	21	47		1	60	63								
	3	40																
	1	42			3	16			19	22								
	2	42			15	45			56	58								
	3	42																
	1	44			2	9			6	11								
	2	44			12	38			46	54								
	3	44																
2070	1	40			3	7			11	11								
(92)	2	40			8	16			25	25								
	3	40																
	1	42			2	4			8	8								
	2	42			7	14			21	22								
	3	42																
	1	44			1	2			5	5								
	2	44			7	13			17	19								
	3	44																
2070	1	40			5	19			27	32								
(93)	2	40			18	35			45	46								
	3	40																
	1	42			4	12			19	22								
	2	42			17	34			43	44								
	3	42																
	1	44			2	6			9	12								
	2	44			15	28			35	37								
	3	44																
2070	1	40			6	22			24	28								
(94)	2	40		2	16	31		2	46	46								
	3	40																
	1	42			5	14			16	20								
	2	42		1	15	27		1	39	39								
	3	42																
	1	44			4	6			5	7								
	2	44			8	25			34	36								
	3	44																
2070	1	40			5	9			6	9								
(95)	2	40			8	20			23	24								
	3	40																
	1	42			3	7			3	6								
	2	42			7	18			17	20								
	3	42																
	1	44			1	3			1	3								
	2	44			5	13			16	17								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(5)

City	Liverpool	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	12			12	14								
(96)	2	40			9	24			24	26								
	3	40																
	1	42			1	7			6	8								
	2	42			8	21			23	26								
	3	42																
	1	44				3			2	4								
	2	44			4	16			17	21								
	3	44																
2070	1	40			11	26			26	34								
(97)	2	40			19	44			50	52								
	3	40																
	1	42			2	16			10	19								
	2	42			16	42			42	48								
	3	42																
	1	44				11			5	12								
	2	44			13	34			39	43								
	3	44																
2070	1	40			9	40			39	51								
(98)	2	40		1	27	55		1	65	66								
	3	40																
	1	42			6	23			18	27								
	2	42			21	50			58	61								
	3	42																
	1	44			4	10			6	10								
	2	44			14	48			51	58								
	3	44																
2070	1	40			2	22			23	28								
(99)	2	40			14	33			40	41								
	3	40																
	1	42			1	8			12	13								
	2	42			9	32			36	38								
	3	42																
	1	44				1				1								
	2	44			4	27			31	33								
	3	44																
2070	1	40			9	27			23	29								
(00)	2	40		1	20	39		1	46	47								
	3	40																
	1	42			6	19			12	20								
	2	42		1	19	35		1	44	44								
	3	42																
	1	44			4	13			5	13								
	2	44			14	31			35	38								
	3	44																
2070	1	40			8	15			19	19								
(01)	2	40		1	19	26		1	28	29								
	3	40																
	1	42			7	11			14	15								
	2	42		1	16	24		1	26	27								
	3	42																
	1	44			6	9			6	8								
	2	44		1	13	20		1	23	25								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(5a)

City	Liverpool	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	5	29		2	28	28								
(90)	2	40	1	3	15	41	1	3	48	48								
	3	40																
	1	42		1	4	18		1	10	10								
	2	42	1	2	12	38	1	2	41	41								
	3	42																
	1	44			3	12			5	4								
	2	44		2	7	32		2	34	34								
	3	44																
2070	1	40			10	45			30	30								
(91)	2	40		2	27	62		2	60	60								
	3	40				1												
	1	42			3	31			19	19								
	2	42		2	19	57		2	56	56								
	3	42																
	1	44			3	18			6	5								
	2	44		1	15	49		1	47	46								
	3	44																
2070	1	40			4	13			11	11								
(92)	2	40			8	23			25	25								
	3	40																
	1	42			2	6			8	8								
	2	42			8	21			21	21								
	3	42																
	1	44			1	5			5	5								
	2	44			7	19			17	17								
	3	44																
2070	1	40			10	32			27	27								
(93)	2	40		1	23	48		1	45	45								
	3	40																
	1	42			4	24			19	19								
	2	42		1	18	46		1	43	43								
	3	42																
	1	44			2	13			9	8								
	2	44			15	39			35	35								
	3	44																
2070	1	40		1	6	27		1	24	23								
(94)	2	40		5	21	45		5	46	46								
	3	40																
	1	42			5	25			16	15								
	2	42		4	16	41		4	39	39								
	3	42																
	1	44			5	14			6	2								
	2	44		3	15	36		3	34	34								
	3	44																
2070	1	40			5	18			6	5								
(95)	2	40		1	9	23		1	23	23								
	3	40																
	1	42			4	13			4	2								
	2	42			8	21			17	17								
	3	42																
	1	44			1	6			1									
	2	44			7	21			16	16								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(5a)

City	Liverpool	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	20			12	11								
(96)	2	40		1	13	33		1	24	24								
	3	40																
	1	42			2	13			7	6								
	2	42			8	28			23	23								
	3	42																
	1	44			1	7			2	2								
	2	44			7	25			17	16								
	3	44																
2070	1	40			13	42			26	26								
(97)	2	40		1	23	61		1	50	50								
	3	40																
	1	42			8	27			13	10								
	2	42			19	54			42	42								
	3	42																
	1	44			2	18			5	5								
	2	44			16	47			39	39								
	3	44																
2070	1	40			10	50			39	39								
(98)	2	40		3	36	65		3	65	64								
	3	40																
	1	42			7	43			18	16								
	2	42		3	28	62		3	59	58								
	3	42																
	1	44			4	27			6	5								
	2	44		3	21	57		3	51	51								
	3	44																
2070	1	40			2	32			23	23								
(99)	2	40			21	42			40	40								
	3	40																
	1	42			1	22			12	12								
	2	42			14	39			36	36								
	3	42																
	1	44				10												
	2	44			8	37			31	31								
	3	44																
2070	1	40		1	13	35		1	23	22								
(00)	2	40		4	26	48		4	46	46								
	3	40																
	1	42			6	28			12	12								
	2	42		3	19	44		3	44	44								
	3	42																
	1	44			4	19			5	3								
	2	44		1	19	40		1	36	34								
	3	44																
2070	1	40		1	9	20		1	19	19								
(01)	2	40		4	21	34		4	28	28								
	3	40																
	1	42		1	8	15		1	14	14								
	2	42		3	18	30		3	26	26								
	3	42																
	1	44			7	13			7	6								
	2	44		2	14	27		2	23	23								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(6)

City	Liverpool	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	3	21	39	1	3	58	59								
(90)	2	40	2	4	37	59	2	4	84	84							5	5
	3	40			1	1			3	3								
	1	42	1	2	12	32	1	2	45	48								
	2	42	2	4	33	53	2	4	74	75							2	2
	3	42			1	1			3	3								
	1	44		1	6	20		1	33	34								
	2	44	2	3	28	47	2	3	67	68								
	3	44			1	1												
2070	1	40		2	30	57		2	69	73								
(91)	2	40	1	5	50	76	2	6	88	90	1	1	1	1	2	2	7	7
	3	40				1			3	3								
	1	42		1	21	46		1	60	63								
	2	42	1	3	49	74	1	3	87	89			1	1	1	1	5	5
	3	42				1			3	3								
	1	44			11	35			40	48								
	2	44		3	43	67		3	81	85							1	1
	3	44				1			3	3								
2070	1	40			10	22			31	31					1	1	1	1
(92)	2	40			17	33	1	1	58	58	1	1	1	1	3	3	6	6
	3	40																
	1	42			7	16			24	25								
	2	42			16	29	1	1	51	52	1	1	1	1	1	1	4	4
	3	42																
	1	44			5	11			16	18								
	2	44			15	26	1	1	41	42	1	1	1	1	1	1	1	1
	3	44																
2070	1	40		1	27	46		1	55	57								
(93)	2	40		2	40	57	2	3	75	75			1	1	4	4	9	9
	3	40																
	1	42			18	35			44	46								
	2	42		2	36	57		2	70	70					1	1	5	5
	3	42																
	1	44			15	27			35	37								
	2	44		1	30	51		1	66	66							3	3
	3	44																
2070	1	40		4	24	43		4	56	57								
(94)	2	40	3	6	37	62	3	6	78	82					1	1	2	2
	3	40			1	1				1								
	1	42		2	16	31		2	46	46								
	2	42	2	5	32	54	2	5	69	73							1	1
	3	42			1	1				1								
	1	44		1	7	25		1	34	36								
	2	44	1	5	27	48	1	5	63	65							1	1
	3	44			1	1				1								
2070	1	40		1	12	22		1	25	26								
(95)	2	40		3	24	34		3	44	44								
	3	40				1			2	2								
	1	42			8	20			22	24								
	2	42		2	22	32		2	38	39								
	3	42				1			1	1								
	1	44			5	13			14	15								
	2	44		1	17	26		1	32	34								
	3	44				1			1	1								

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(6)

City	Liverpool	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	15	30		1	30	33								
(96)	2	40		3	26	41		3	53	54							2	2
	3	40																
	1	42			9	24			24	26								
	2	42		2	24	38		2	44	46								
	3	42																
	1	44			4	14			16	19								
	2	44		1	20	35		1	38	40								
	3	44																
2070	1	40			27	55			70	72								
(97)	2	40		10	47	73		10	97	97							5	5
	3	40																
	1	42			18	44			48	52								
	2	42		7	43	70		7	92	92							2	2
	3	42																
	1	44			13	30			38	41								
	2	44		2	36	65		2	82	85								
	3	44																
2070	1	40		3	41	65		3	76	76								
(98)	2	40	4	8	58	78	4	8	96	96	1	1	1	1	1	1	5	5
	3	40				2			2	2								
	1	42		2	25	53		2	64	64								
	2	42	1	6	53	76	2	7	91	92	1	1	1	1	1	1	2	2
	3	42							2	2								
	1	44			11	45			49	56								
	2	44		5	51	71		5	81	83	1	1	1	1	1	1	1	1
	3	44							1	1								
2070	1	40			24	39			50	52								
(99)	2	40			36	55			76	78								
	3	40																
	1	42			13	33			39	41								
	2	42			35	49			64	64								
	3	42																
	1	44			3	25			30	32								
	2	44			32	44			56	57								
	3	44																
2070	1	40		4	27	44		4	55	56								
(00)	2	40	2	8	39	54	2	8	73	74							4	4
	3	40																
	1	42		1	20	38		1	46	47								
	2	42	1	6	36	54	1	6	68	69							1	1
	3	42																
	1	44		1	14	28		1	33	35								
	2	44	1	5	34	51	1	5	62	63							1	1
	3	44																
2070	1	40	1	3	23	33	1	3	32	36							1	1
(01)	2	40	3	6	33	45	2	5	48	49					2	2	6	6
	3	40																
	1	42		2	18	26		2	28	29								
	2	42	1	4	28	39	1	4	45	47					1	1	3	3
	3	42																
	1	44		1	12	19		1	23	23								
	2	44	1	4	25	36	1	4	42	43							2	2
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(6a)

City	Liverpool	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	4	23	51	1	4	58	58								
(90)	2	40	3	7	39	69	3	7	84	84							5	5
	3	40			1	1			3	3								
	1	42	1	3	15	40	1	3	45	45								
	2	42	2	6	35	63	2	6	74	74							2	2
	3	42			1	1			3	3								
	1	44		2	7	32		2	33	33								
	2	44	2	5	32	58	2	5	67	67								
	3	44			1	1												
2070	1	40		3	36	74		3	69	69								
(91)	2	40	2	13	58	89	3	14	88	88	1	1	1	1	2	2	7	7
	3	40				3			3	3								
	1	42		3	25	61		3	60	60								
	2	42	2	9	52	83	2	9	87	87			1	1	1	1	5	5
	3	42				2			3	3								
	1	44		1	11	47		1	40	40								
	2	44	1	8	48	80	1	8	81	81							1	1
	3	44				2			3	3								
2070	1	40			12	29			31	31					1	1	1	1
(92)	2	40		2	21	46	1	3	58	58	1	1	1	1	3	3	6	6
	3	40																
	1	42			8	23			24	24								
	2	42		2	18	39	1	3	51	51	1	1	1	1	1	1	4	4
	3	42																
	1	44			6	17			16	16								
	2	44		1	16	35	1	2	41	41	1	1	1	1	1	1	1	1
	3	44																
2070	1	40		2	29	57		2	55	55								
(93)	2	40	1	10	46	67	3	11	75	75			1	1	4	4	9	9
	3	40				1												
	1	42		1	19	48		1	44	44								
	2	42	1	9	40	64	1	9	70	70					1	1	5	5
	3	42				1												
	1	44			15	38			35	34								
	2	44		4	35	59		4	66	66							3	3
	3	44				1												
2070	1	40	1	5	26	53	1	5	56	56								
(94)	2	40	4	13	43	80	4	13	78	78					1	1	2	2
	3	40			1	1												
	1	42		5	21	45		5	46	46								
	2	42	3	6	37	78	3	6	69	69							1	1
	3	42			1	1												
	1	44		3	10	34		3	34	34								
	2	44	2	6	30	66	2	6	63	63							1	1
	3	44			1	1												
2070	1	40		2	13	29		2	25	25								
(95)	2	40	1	5	24	40	1	5	44	44								
	3	40				1			2	2								
	1	42		1	8	23		1	22	22								
	2	42		3	24	37		3	38	38								
	3	42				1			1	1								
	1	44			6	21			14	14								
	2	44		3	20	33		3	32	32								
	3	44				1			1	1								

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(6a)

City	Liverpool	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	16	38		2	30	30								
(96)	2	40		7	30	50		7	53	53							2	2
	3	40																
	1	42		1	13	31		1	24	24								
	2	42		4	27	43		4	44	44								
	3	42																
	1	44			5	24			16	15								
	2	44		3	23	41		3	38	38								
	3	44																
2070	1	40		7	31	69		7	70	70								
(97)	2	40		15	54	90		15	97	97							5	5
	3	40																
	1	42		2	22	59		2	49	48								
	2	42		12	47	85		12	92	92							2	2
	3	42																
	1	44			16	46			38	38								
	2	44		11	43	78		11	82	82								
	3	44																
2070	1	40		6	47	76		6	76	76								
(98)	2	40	4	21	63	90	4	21	96	96	1	1	1	1	1	1	5	5
	3	40				2			2	2								
	1	42		3	31	65		3	64	63								
	2	42	3	13	58	85	4	14	91	91	1	1	1	1	1	1	2	2
	3	42				2			2	2								
	1	44		3	20	57		3	50	49								
	2	44	1	9	53	81	1	9	81	81	1	1	1	1	1	1	1	1
	3	44				2			1	1								
2070	1	40			26	49			50	50								
(99)	2	40		5	39	68		5	76	76								
	3	40																
	1	42			19	41			39	39								
	2	42		1	36	64		1	64	64								
	3	42																
	1	44			6	35			30	30								
	2	44		1	35	57		1	56	56								
	3	44																
2070	1	40	1	6	28	54	1	6	55	55								
(00)	2	40	4	19	42	67	4	19	73	73							4	4
	3	40																
	1	42		4	25	48		4	46	46								
	2	42	2	15	40	62	2	15	68	68							1	1
	3	42																
	1	44		2	16	39		2	34	32								
	2	44	1	12	36	56	1	12	62	62							1	1
	3	44																
2070	1	40	1	4	24	38	1	4	32	32							1	1
(01)	2	40	4	9	35	46	3	8	48	48					2	2	6	6
	3	40																
	1	42		4	20	33		4	28	28								
	2	42	2	7	32	44	2	7	45	45					1	1	3	3
	3	42																
	1	44		2	14	26		2	23	23								
	2	44	1	5	27	43	1	5	42	42							2	2
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(7)

City	Liverpool	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	4	14		1	25	27								
(90)	2	40	1	2	11	32	1	2	44	47								
	3	40																
	1	42			3	7			10	12								
	2	42		2	7	27		2	40	43								
	3	42																
	1	44			2	5			4	6								
	2	44		1	6	20		1	33	34								
	3	44																
2070	1	40			6	25			29	38								
(91)	2	40		1	19	46		1	59	62								
	3	40																
	1	42			3	13			15	20								
	2	42			12	42			55	56								
	3	42																
	1	44			2	8			6	10								
	2	44			11	35			40	48								
	3	44																
2070	1	40			3	6			11	11								
(92)	2	40			7	16			24	25								
	3	40																
	1	42			2	4			6	6								
	2	42			7	14			18	20								
	3	42																
	1	44			1	2			4	4								
	2	44			5	11			16	18								
	3	44																
2070	1	40			5	19			24	31								
(93)	2	40			18	35			44	46								
	3	40																
	1	42			3	10			19	22								
	2	42			17	33			41	43								
	3	42																
	1	44			2	3			7	8								
	2	44			15	27			35	37								
	3	44																
2070	1	40			6	21			23	27								
(94)	2	40		2	16	30		2	46	46								
	3	40																
	1	42			5	13			14	18								
	2	42		1	11	27		1	36	37								
	3	42																
	1	44			4	6			4	6								
	2	44		1	7	25		1	34	36								
	3	44																
2070	1	40			5	9			5	8								
(95)	2	40			8	19			20	22								
	3	40																
	1	42			3	7			3	6								
	2	42			6	17			17	19								
	3	42																
	1	44				3				3								
	2	44			5	13			14	15								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(7)

City	Liverpool	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	11			11	13								
(96)	2	40			9	24			24	26								
	3	40																
	1	42			1	7			4	8								
	2	42			6	21			20	24								
	3	42																
	1	44				3			1	4								
	2	44			4	14			16	19								
	3	44																
2070	1	40			11	23			23	30								
(97)	2	40			18	43			47	51								
	3	40																
	1	42			2	15			7	17								
	2	42			16	40			41	46								
	3	42																
	1	44				11			3	12								
	2	44			13	30			38	41								
	3	44																
2070	1	40			7	36			36	46								
(98)	2	40		1	24	52		1	63	64								
	3	40																
	1	42			5	21			15	26								
	2	42			20	50			57	61								
	3	42																
	1	44			4	10			5	10								
	2	44			11	45			49	56								
	3	44																
2070	1	40			1	19			21	23								
(99)	2	40			13	32			39	41								
	3	40																
	1	42			1	6			8	9								
	2	42			7	31			34	36								
	3	42																
	1	44				1				1								
	2	44			3	25			30	32								
	3	44																
2070	1	40			7	26			20	28								
(00)	2	40		1	20	38		1	46	47								
	3	40																
	1	42			5	19			11	20								
	2	42		1	16	35		1	42	44								
	3	42																
	1	44			3	12			4	12								
	2	44			14	28			33	35								
	3	44																
2070	1	40			8	15			18	18								
(01)	2	40		1	17	26		1	28	29								
	3	40																
	1	42			7	11			14	15								
	2	42		1	16	24		1	25	26								
	3	42																
	1	44			6	8			5	6								
	2	44		1	12	19		1	23	23								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(7a)

City	Liverpool	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	5	27		2	25	25								
(90)	2	40	1	3	15	40	1	3	44	44								
	3	40																
	1	42		1	4	17		1	10	10								
	2	42	1	2	10	36	1	2	40	40								
	3	42																
	1	44		1	3	9		1	5	3								
	2	44		2	7	32		2	33	33								
	3	44																
2070	1	40			10	42			29	29								
(91)	2	40		3	24	61		3	59	59								
	3	40				1												
	1	42			3	29			15	15								
	2	42		2	19	53		2	55	55								
	3	42																
	1	44			2	17			6	5								
	2	44		1	11	47		1	40	40								
	3	44																
2070	1	40			4	13			11	11								
(92)	2	40			8	23			24	24								
	3	40																
	1	42			2	6			6	6								
	2	42			7	20			18	18								
	3	42																
	1	44			1	4			4	4								
	2	44			6	17			16	16								
	3	44																
2070	1	40			7	31			24	24								
(93)	2	40		1	19	48		1	44	44								
	3	40																
	1	42			3	21			19	18								
	2	42		1	18	45		1	41	41								
	3	42																
	1	44			2	13			7	6								
	2	44			15	38			35	34								
	3	44																
2070	1	40		1	6	27		1	23	22								
(94)	2	40		5	21	45		5	46	46								
	3	40																
	1	42			5	22			14	11								
	2	42		4	16	41		4	36	36								
	3	42																
	1	44			5	14			5	1								
	2	44		3	10	34		3	34	34								
	3	44																
2070	1	40			5	17			5	2								
(95)	2	40		1	8	23		1	20	20								
	3	40																
	1	42			4	11			4	2								
	2	42		1	8	21		1	17	17								
	3	42																
	1	44			1	6			1									
	2	44			6	21			14	14								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(7a)

City	Liverpool	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	20			11	10								
(96)	2	40		1	13	31		1	24	24								
	3	40																
	1	42			2	13			5	4								
	2	42			8	28			20	20								
	3	42																
	1	44			1	7			2	1								
	2	44			5	24			16	15								
	3	44																
2070	1	40			12	40			24	22								
(97)	2	40		2	22	59		2	48	47								
	3	40																
	1	42			5	27			8	7								
	2	42			18	51			41	41								
	3	42																
	1	44			1	17			4	3								
	2	44			16	46			38	38								
	3	44																
2070	1	40			10	50			36	35								
(98)	2	40		3	31	65		3	64	63								
	3	40																
	1	42			7	40			16	14								
	2	42		3	25	62		3	58	57								
	3	42																
	1	44			4	24			5	4								
	2	44		3	20	57		3	50	49								
	3	44																
2070	1	40			2	31			21	21								
(99)	2	40			19	41			39	39								
	3	40																
	1	42			1	22			8	8								
	2	42			12	39			34	34								
	3	42																
	1	44				9												
	2	44			6	35			30	30								
	3	44																
2070	1	40		1	12	35		1	22	19								
(00)	2	40		4	25	47		4	46	46								
	3	40																
	1	42			6	27			11	11								
	2	42		3	19	42		3	42	42								
	3	42																
	1	44			4	19			5	2								
	2	44		2	16	39		2	34	32								
	3	44																
2070	1	40		1	8	20		1	18	18								
(01)	2	40		4	20	33		4	28	28								
	3	40																
	1	42		1	7	15		1	14	14								
	2	42		3	17	30		3	25	25								
	3	42																
	1	44			7	11			6	5								
	2	44		2	14	26		2	23	23								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(8)

City	Liverpool	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	7	25		1	35	37								
(90)	2	40	1	3	21	39	1	3	58	59								
	3	40			1	1												
	1	42		1	4	14		1	26	27								
	2	42	1	2	17	35	1	2	51	52								
	3	42				1												
	1	44			3	7			10	12								
	2	44	1	2	12	32	1	2	45	48								
	3	44																
2070	1	40			12	39			47	54								
(91)	2	40		2	30	57		2	69	73								
	3	40																
	1	42			6	25			29	38								
	2	42		2	25	49		2	63	65								
	3	42																
	1	44			3	13			15	20								
	2	44		1	21	46		1	60	63								
	3	44																
2070	1	40			7	14			18	20								
(92)	2	40			10	22			30	30							1	1
	3	40																
	1	42			3	6			11	11								
	2	42			9	19			27	28								
	3	42																
	1	44			2	4			6	6								
	2	44			7	16			24	25								
	3	44																
2070	1	40			15	29			35	38								
(93)	2	40		1	27	46		1	55	57								
	3	40																
	1	42			5	19			26	32								
	2	42		1	19	41		1	51	53								
	3	42																
	1	44			3	10			19	22								
	2	44			18	35			44	46								
	3	44																
2070	1	40		1	8	25		1	34	36								
(94)	2	40		4	23	43		4	56	57								
	3	40			1	1												
	1	42			6	21			23	27								
	2	42		4	22	38		4	53	53								
	3	42			1	1												
	1	44			5	13			14	18								
	2	44		2	16	31		2	46	46								
	3	44																
2070	1	40			6	14			16	17								
(95)	2	40		1	11	21		1	25	25								
	3	40																
	1	42			5	9			6	9								
	2	42			8	21			23	25								
	3	42																
	1	44			3	7			3	6								
	2	44			8	20			22	24								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(8)

City	Liverpool	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	18			17	21								
(96)	2	40			15	30			30	33								
	3	40																
	1	42			3	11			11	13								
	2	42			13	28			24	28								
	3	42																
	1	44			1	7			4	8								
	2	44			9	24			24	26								
	3	44																
2070	1	40			13	34			39	43								
(97)	2	40			27	55			70	72								
	3	40																
	1	42			11	23			25	31								
	2	42			22	47			62	64								
	3	42																
	1	44			2	15			7	17								
	2	44			18	44			48	52								
	3	44																
2070	1	40			17	50			54	60								
(98)	2	40		3	41	63		3	76	76								
	3	40																
	1	42			7	36			38	48								
	2	42		3	31	58		3	69	70								
	3	42																
	1	44			5	21			15	26								
	2	44		1	25	53		1	64	64								
	3	44																
2070	1	40			5	29			33	35								
(99)	2	40			24	39			50	52								
	3	40																
	1	42			1	19			21	23								
	2	42			19	37			45	45								
	3	42																
	1	44			1	6			8	9								
	2	44			13	33			39	41								
	3	44																
2070	1	40		1	16	32		1	37	38								
(00)	2	40		4	27	44		4	54	55								
	3	40																
	1	42			7	26			21	28								
	2	42		3	25	40		3	50	50								
	3	42																
	1	44			5	19			11	20								
	2	44		1	20	38		1	46	47								
	3	44																
2070	1	40		1	13	20		1	23	25								
(01)	2	40	1	3	23	33	1	3	32	35							1	1
	3	40																
	1	42			8	15			18	18								
	2	42		2	22	32		2	31	32								
	3	42																
	1	44			7	11			14	15								
	2	44		2	18	26		2	28	29								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(8a)

City	Liverpool	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	7	34		2	35	35								
(90)	2	40	1	4	23	51	1	4	58	58								
	3	40			1	1												
	1	42		2	5	28		2	26	26								
	2	42	1	3	20	46	1	3	51	51								
	3	42			1	1												
	1	44		1	4	17		1	10	10								
	2	44	1	3	15	40	1	3	45	45								
	3	44																
2070	1	40		2	17	49		2	48	47								
(91)	2	40		3	38	73		3	69	69								
	3	40				1												
	1	42			10	43			29	29								
	2	42		3	30	67		3	63	63								
	3	42				1												
	1	44			3	29			15	15								
	2	44		3	25	61		3	60	60								
	3	44				1												
2070	1	40			7	19			18	18								
(92)	2	40			12	28			30	30							1	1
	3	40																
	1	42			4	13			11	11								
	2	42			10	27			27	27								
	3	42																
	1	44			2	6			6	6								
	2	44			8	23			24	24								
	3	44																
2070	1	40		1	15	41		1	35	35								
(93)	2	40		2	29	57		2	55	55								
	3	40																
	1	42			7	32			26	26								
	2	42		1	26	51		1	51	51								
	3	42																
	1	44			3	21			19	18								
	2	44		1	19	48		1	44	44								
	3	44																
2070	1	40		4	15	37		4	34	34								
(94)	2	40	1	5	26	53	1	5	56	56								
	3	40			1	1												
	1	42		1	6	27		1	23	22								
	2	42		5	24	49		5	53	53								
	3	42			1	1												
	1	44			5	22			14	11								
	2	44		5	21	45		5	46	46								
	3	44																
2070	1	40			7	21			16	16								
(95)	2	40		2	13	29		2	25	25								
	3	40				1												
	1	42			5	17			6	5								
	2	42		1	12	25		1	23	23								
	3	42				1												
	1	44			4	11			4	2								
	2	44		1	8	23		1	22	22								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(8a)

City	Liverpool	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			8	27			17	17								
(96)	2	40		2	18	38		2	30	30								
	3	40																
	1	42			3	20			11	10								
	2	42		1	15	35		1	24	24								
	3	42																
	1	44			2	13			5	4								
	2	44		1	13	31		1	24	24								
	3	44																
2070	1	40			16	47			39	39								
(97)	2	40		7	33	69		7	70	70								
	3	40																
	1	42			12	41			25	25								
	2	42		2	27	65		2	62	62								
	3	42																
	1	44			5	27			8	7								
	2	44		2	22	59		2	49	48								
	3	44																
2070	1	40		3	22	58		3	54	54								
(98)	2	40		6	49	76		6	76	76								
	3	40																
	1	42		1	10	50		1	38	38								
	2	42		5	40	70		5	69	69								
	3	42																
	1	44			7	40			16	14								
	2	44		3	31	65		3	64	63								
	3	44																
2070	1	40			9	37			33	33								
(99)	2	40			27	49			50	50								
	3	40																
	1	42			2	31			21	21								
	2	42			24	44			45	45								
	3	42																
	1	44			1	22			8	8								
	2	44			19	41			39	39								
	3	44																
2070	1	40		3	19	40		3	37	35								
(00)	2	40	1	6	30	54	1	6	54	54								
	3	40																
	1	42		1	12	35		1	22	20								
	2	42		5	27	51		5	50	50								
	3	42																
	1	44			6	27			11	11								
	2	44		4	25	47		4	46	46								
	3	44																
2070	1	40		3	14	27		3	23	23								
(01)	2	40	1	4	24	38	1	4	33	32							1	1
	3	40																
	1	42		1	8	20		1	18	18								
	2	42	1	4	23	36	1	4	31	31								
	3	42																
	1	44		1	7	15		1	14	14								
	2	44		4	20	33		4	28	28								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(9)

City	Liverpool	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	7	25		2	38	40								
(90)	2	40	1	3	21	40	1	3	58	60								
	3	40			1	1												
	1	42		1	4	15		1	28	28								
	2	42	1	2	18	35	1	2	52	53								
	3	42				1												
	1	44			3	8			10	12								
	2	44	1	2	13	32	1	2	49	50								
	3	44																
2070	1	40			12	41			52	56								
(91)	2	40		2	31	59		2	71	74								
	3	40																
	1	42			6	28			30	40								
	2	42		2	26	50		2	64	66								
	3	42																
	1	44			3	16			18	22								
	2	44		1	21	47		1	60	63								
	3	44																
2070	1	40			7	14			18	20								
(92)	2	40			10	22			31	31					1	1	1	1
	3	40																
	1	42			3	6			11	11								
	2	42			9	20			27	28								
	3	42																
	1	44			2	4			8	8								
	2	44			8	16			25	25								
	3	44																
2070	1	40			15	30			38	40								
(93)	2	40		1	27	46		1	57	59								
	3	40																
	1	42			5	19			27	32								
	2	42		1	25	43		1	52	54								
	3	42																
	1	44			3	12			19	22								
	2	44			18	35			45	46								
	3	44																
2070	1	40		1	10	25		1	35	36								
(94)	2	40		5	26	45		5	56	57								
	3	40			1	1												
	1	42			6	22			24	28								
	2	42		4	22	41		4	55	56								
	3	42			1	1												
	1	44			5	14			14	19								
	2	44		3	16	31		3	46	46								
	3	44																
2070	1	40			6	16			16	18								
(95)	2	40		1	13	23		1	25	26								
	3	40																
	1	42			5	9			6	9								
	2	42			9	21			24	25								
	3	42																
	1	44			3	7			3	6								
	2	44			8	20			23	24								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(9)

City	Liverpool	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	19			18	21								
(96)	2	40		1	15	30		1	31	34								
	3	40																
	1	42			3	12			12	14								
	2	42			13	28			25	29								
	3	42																
	1	44			1	7			5	8								
	2	44			9	24			24	26								
	3	44																
2070	1	40			15	37			39	44								
(97)	2	40			27	57			71	73								
	3	40																
	1	42			11	25			26	33								
	2	42			24	48			64	67								
	3	42																
	1	44			2	15			9	17								
	2	44			19	44			51	53								
	3	44																
2070	1	40			19	50			54	60								
(98)	2	40		3	41	65		3	77	77								
	3	40																
	1	42			9	38			39	50								
	2	42		3	34	61		3	71	72								
	3	42																
	1	44			6	23			17	27								
	2	44		2	27	55		2	66	67								
	3	44																
2070	1	40			6	30			34	36								
(99)	2	40			24	39			50	52								
	3	40																
	1	42			2	19			24	26								
	2	42			20	37			46	46								
	3	42																
	1	44			1	8			10	12								
	2	44			14	33			40	41								
	3	44																
2070	1	40		1	16	35		1	39	41								
(00)	2	40		4	28	44		4	57	57								
	3	40																
	1	42			8	27			23	29								
	2	42		3	25	41		3	52	52								
	3	42																
	1	44			6	19			12	20								
	2	44		1	20	39		1	47	48								
	3	44																
2070	1	40		1	14	22		1	23	25								
(01)	2	40	1	4	23	33	1	4	33	36							1	1
	3	40																
	1	42		1	8	15		1	19	19								
	2	42		3	22	32		3	32	33								
	3	42																
	1	44			7	11			14	15								
	2	44		2	20	27		2	29	30								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(9a)

City	Liverpool	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	8	34		2	38	38								
(90)	2	40	1	4	26	52	1	4	58	58								
	3	40			1	1												
	1	42		2	5	29		2	28	28								
	2	42	1	3	20	47	1	3	52	52								
	3	42			1	1												
	1	44		1	4	18		1	10	10								
	2	44	1	3	15	41	1	3	49	49								
	3	44																
2070	1	40		2	17	50		2	52	52								
(91)	2	40		3	39	74		3	71	71								
	3	40				1												
	1	42			10	45			30	30								
	2	42		3	32	67		3	64	64								
	3	42				1												
	1	44			3	30			18	18								
	2	44		3	26	62		3	60	60								
	3	44				1												
2070	1	40			7	20			18	18								
(92)	2	40			14	30			31	31					1	1	1	1
	3	40																
	1	42			4	13			11	11								
	2	42			10	28			27	27								
	3	42																
	1	44			2	6			8	8								
	2	44			8	23			25	25								
	3	44																
2070	1	40		1	15	42		1	38	38								
(93)	2	40		2	30	57		2	57	57								
	3	40																
	1	42			10	32			27	27								
	2	42		1	27	54		1	52	52								
	3	42																
	1	44			3	24			19	18								
	2	44		1	23	49		1	45	45								
	3	44																
2070	1	40		4	16	40		4	35	35								
(94)	2	40	1	5	26	59	1	5	56	56								
	3	40			1	1												
	1	42		1	6	27		1	24	23								
	2	42		5	26	50		5	55	55								
	3	42			1	1												
	1	44			5	25			14	13								
	2	44		5	21	45		5	46	46								
	3	44				1												
2070	1	40			7	21			16	16								
(95)	2	40		2	14	29		2	25	25								
	3	40				1												
	1	42			5	18			6	5								
	2	42		1	13	25		1	24	24								
	3	42				1												
	1	44			4	13			4	2								
	2	44		1	9	23		1	23	23								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(9a)

City	Liverpool	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			8	27			18	18								
(96)	2	40		2	18	38		2	31	31								
	3	40																
	1	42			3	20			12	11								
	2	42		1	15	36		1	25	25								
	3	42																
	1	44			2	13			6	5								
	2	44		1	13	33		1	24	24								
	3	44																
2070	1	40			17	48			39	39								
(97)	2	40		8	34	69		8	71	71								
	3	40																
	1	42			13	42			26	26								
	2	42		4	27	66		4	64	64								
	3	42																
	1	44			7	27			11	9								
	2	44		2	23	61		2	51	51								
	3	44																
2070	1	40		3	23	61		3	54	54								
(98)	2	40		6	50	77		6	77	77								
	3	40																
	1	42		1	10	50		1	39	39								
	2	42		5	43	71		5	71	71								
	3	42																
	1	44			7	40			17	15								
	2	44		3	34	65		3	66	65								
	3	44																
2070	1	40			10	37			34	34								
(99)	2	40			27	50			50	50								
	3	40																
	1	42			2	32			24	24								
	2	42			24	46			46	46								
	3	42																
	1	44			1	22			10	10								
	2	44			20	42			40	40								
	3	44																
2070	1	40		3	19	41		3	39	38								
(00)	2	40	1	6	31	54	1	6	57	57								
	3	40																
	1	42		1	13	35		1	23	22								
	2	42		5	28	52		5	52	52								
	3	42																
	1	44			6	28			12	12								
	2	44		4	25	48		4	47	47								
	3	44																
2070	1	40		3	15	28		3	23	23								
(01)	2	40	1	5	25	40	1	5	34	33							1	1
	3	40																
	1	42		1	9	20		1	19	19								
	2	42	1	4	23	37	1	4	32	32								
	3	42																
	1	44		1	7	15		1	14	14								
	2	44		4	21	35		4	29	29								
	3	44																

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(Predicted dangerous days for projected 2070 conditions)

Table - 5(10)

City	Liverpool	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	4	35	54	2	4	75	75							2	2
(90)	2	40	5	9	47	70	6	9	110	110	2	2	5	5	9	9	29	29
	3	40			1	1			4	4							4	4
	1	42	1	3	26	42	1	3	59	62								
	2	42	4	7	43	63	5	7	100	101					5	5	16	16
	3	42			1	1			3	3								
	1	44	1	2	16	33	1	2	51	52								
	2	44	2	5	39	59	2	5	92	92							7	7
	3	44			1	1			3	3								
2070	1	40	1	3	49	74	1	3	88	90			1	1	1	1	5	5
(91)	2	40	3	13	64	89	8	16	107	110	6	6	6	6	10	10	27	27
	3	40			1	2			4	5							1	1
	1	42		3	37	62		3	74	76								
	2	42	2	9	60	83	7	12	99	99	3	3	5	5	7	7	20	20
	3	42			1	2			4	5								
	1	44		1	23	49		1	62	65								
	2	44	2	8	53	80	3	9	94	95	1	1	2	2	2	2	11	11
	3	44				2			4	5								
2070	1	40			17	30	1	1	52	53	1	1	1	1	1	1	4	4
(92)	2	40	1	3	26	47	8	8	78	78	7	7	8	8	12	12	20	20
	3	40							4	4								
	1	42			11	23			35	36			1	1	1	1	1	1
	2	42	1	3	24	40	5	6	69	69	4	4	5	5	7	7	12	12
	3	42							2	2								
	1	44			8	18			26	27								
	2	44		1	20	35	4	4	61	61	2	2	4	4	6	6	8	8
	3	44																
2070	1	40		2	37	57		2	70	70					1	1	5	5
(93)	2	40	2	10	50	68	13	17	92	93	10	10	11	11	14	14	28	28
	3	40				1			1	1								
	1	42		1	28	48		1	60	60							1	1
	2	42	1	9	46	64	7	13	86	86	6	6	8	8	10	10	21	21
	3	42				1			1	1								
	1	44			18	38			51	52								
	2	44	1	4	45	59	4	6	81	81	1	1	4	4	6	6	13	13
	3	44				1				1								
2070	1	40	2	5	33	60	2	5	71	76							1	1
(94)	2	40	5	13	51	81	7	13	94	98	2	2	7	7	10	10	27	27
	3	40			1	1			1	1								
	1	42		5	26	46		5	57	58							1	1
	2	42	5	6	47	78	5	6	84	90			1	1	3	3	15	15
	3	42			1	1			1	1								
	1	44		3	19	36		3	51	52								
	2	44	4	6	42	68	4	6	82	85					1	1	9	9
	3	44			1	1			1	1								
2070	1	40		2	22	32		2	39	39								
(95)	2	40	3	7	28	42	1	5	55	56							3	3
	3	40				2			2	2					1	1	1	1
	1	42		1	14	24		1	28	29								
	2	42	2	4	27	38	1	3	52	53							2	2
	3	42				1			2	2					1	1	1	1
	1	44			8	21			23	25								
	2	44		3	24	35		3	48	48								
	3	44				1			2	2							1	1

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(Predicted dangerous days for projected 2070 conditions)

Table - 5(10)

City	Liverpool	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	25	38		2	44	46								
(96)	2	40	2	8	35	50	2	7	73	73	1	1	1	1	2	2	9	9
	3	40																
	1	42		1	16	32		1	34	36								
	2	42	1	4	31	43	1	4	64	64					1	1	5	5
	3	42																
	1	44			11	26			24	27								
	2	44		3	29	41		3	60	60							2	2
	3	44																
2070	1	40		7	44	70		7	92	92							2	2
(97)	2	40	3	16	65	91	5	16	113	113	2	2	3	3	6	6	20	20
	3	40																
	1	42		2	28	61		2	75	79								
	2	42	2	13	61	86	4	13	107	107	1	1	1	1	3	3	11	11
	3	42																
	1	44			21	46			58	61								
	2	44		11	51	80		11	100	100							6	6
	3	44																
2070	1	40	1	6	54	77	2	7	91	92	1	1	1	1	1	1	2	2
(98)	2	40	5	21	69	91	6	21	108	108	2	2	3	3	8	8	31	31
	3	40				2			2	2								
	1	42		3	46	66		3	78	79							1	1
	2	42	4	14	66	85	4	14	105	106	1	1	1	1	3	3	17	17
	3	42				2			2	2								
	1	44		3	29	57		3	68	69								
	2	44	4	10	62	82	4	10	102	102	1	1	1	1	1	1	9	9
	3	44				2			2	2								
2070	1	40			35	50			65	65								
(99)	2	40		5	49	72		5	97	98					3	3	19	19
	3	40																
	1	42			28	42			50	52								
	2	42		1	44	67		1	93	94							12	12
	3	42																
	1	44			15	36			42	43								
	2	44		1	41	60		1	83	84							2	2
	3	44																
2070	1	40	1	6	38	54	1	6	68	69							1	1
(00)	2	40	4	19	52	69	5	19	94	96	1	1	2	2	6	6	18	18
	3	40																
	1	42		4	28	48		4	60	60								
	2	42	4	15	47	63	5	15	90	91	1	1	1	1	3	3	13	13
	3	42																
	1	44		2	23	40		2	50	50								
	2	44	3	12	42	57	4	12	78	78					1	1	9	9
	3	44																
2070	1	40	1	4	29	41	1	4	45	47					1	1	3	3
(01)	2	40	9	13	40	48	8	10	65	66	6	6	8	8	12	12	21	21
	3	40																
	1	42	1	4	24	36	1	4	36	39							1	1
	2	42	9	12	38	46	6	8	63	63	3	3	4	4	7	7	14	14
	3	42																
	1	44		2	20	30		2	31	32								
	2	44	4	6	36	46	3	5	56	56			2	2	3	3	11	11
	3	44																

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(Predicted dangerous days for projected 2070 conditions)

Table - 5(10a)

City	Liverpool	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	6	35	63	2	6	75	75							2	2
(90)	2	40	6	19	53	85	6	18	110	110	2	3	5	8	9	12	29	29
	3	40		1	1	1			4	4							4	4
	1	42	2	4	28	55	2	4	59	59								
	2	42	4	15	47	78	5	15	100	100				1	5	6	16	16
	3	42			1	1			3	3								
	1	44	1	3	17	45	1	3	51	51								
	2	44	3	9	43	73	3	9	92	92							7	7
	3	44			1	1			3	3								
2070	1	40	2	9	52	83	2	9	88	88			1	1	1	1	5	5
(91)	2	40	3	29	73	99	8	31	107	107	6	7	6	8	10	13	27	27
	3	40			1	4			4	4							1	1
	1	42		4	43	75		4	74	74								
	2	42	3	23	66	97	7	24	99	99	3	3	5	5	7	8	20	20
	3	42			1	4			4	4								
	1	44		3	29	64		3	62	62								
	2	44	2	18	60	91	3	19	94	94	1	1	2	2	2	2	11	11
	3	44			1	4			4	4								
2070	1	40		2	18	39	1	3	52	52	1	1	1	1	1	1	4	4
(92)	2	40	1	6	30	60	8	10	78	78	7	7	8	8	12	12	20	20
	3	40							4	4								
	1	42			14	33			35	35			1	1	1	1	1	1
	2	42	1	5	27	52	5	7	69	69	4	4	5	5	7	7	12	12
	3	42							2	2								
	1	44			9	24			26	26								
	2	44		3	22	47	4	5	61	61	2	2	4	4	6	6	8	8
	3	44																
2070	1	40	1	9	40	64	1	9	70	70					1	1	5	5
(93)	2	40	2	20	57	82	13	26	92	92	10	10	11	12	14	15	28	28
	3	40				1			1	1								
	1	42		2	32	57		2	60	60							1	1
	2	42	1	14	51	76	7	16	86	86	6	6	8	8	10	10	21	21
	3	42				1			1	1								
	1	44		1	23	50		1	51	51								
	2	44	1	13	46	70	4	14	81	81	1	1	4	4	6	6	13	13
	3	44				1												
2070	1	40	3	6	37	78	3	6	71	71							1	1
(94)	2	40	5	22	54	92	7	22	94	94	2	3	7	9	10	14	27	27
	3	40			1	1			1	1								
	1	42	1	6	27	60	1	6	57	57							1	1
	2	42	5	21	49	88	5	21	84	84		1	1	1	3	4	15	15
	3	42			1	1			1	1								
	1	44		5	23	48		5	51	51								
	2	44	5	14	47	82	5	14	82	82					1	1	9	9
	3	44			1	1			1	1								
2070	1	40		3	24	37		3	39	39								
(95)	2	40	4	10	33	53	2	8	55	55							3	3
	3	40			1	2			2	2					1	1	1	1
	1	42		3	17	32		3	28	28								
	2	42	2	7	29	51	1	6	52	52							2	2
	3	42			1	1			2	2					1	1	1	1
	1	44		1	9	24		1	23	23								
	2	44	1	6	26	43	1	6	48	48								
	3	44				1			2	2							1	1

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(Predicted dangerous days for projected 2070 conditions)

Table - 5(10a)

City	Liverpool	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	27	43		4	44	44								
(96)	2	40	3	14	37	60	3	13	73	73	1	1	1	1	2	2	9	9
	3	40																
	1	42		3	21	41		3	34	34								
	2	42	1	11	35	55	1	11	64	64					1	1	5	5
	3	42																
	1	44		1	14	35		1	24	24								
	2	44	1	7	31	50	1	7	60	60							2	2
	3	44																
2070	1	40		12	47	85		12	92	92							2	2
(97)	2	40	6	28	70	103	6	27	113	113	2	4	3	4	6	9	20	20
	3	40																
	1	42		9	40	71		9	75	75								
	2	42	3	23	65	99	5	22	107	107	1	1	1	3	3	4	11	11
	3	42																
	1	44		2	26	63		2	58	58								
	2	44	1	17	61	92	1	17	100	100							6	6
	3	44																
2070	1	40	3	13	58	85	4	14	91	91	1	1	1	1	1	1	2	2
(98)	2	40	7	40	76	110	8	40	108	108	2	3	3	6	8	12	31	31
	3	40				3			2	2								
	1	42		6	51	78		6	78	78							1	1
	2	42	5	30	69	107	5	30	105	105	1	1	1	1	3	5	17	17
	3	42				2			2	2								
	1	44		4	40	68		4	68	68								
	2	44	4	24	66	96	4	24	102	102	1	1	1	1	1	1	9	9
	3	44				2			2	2								
2070	1	40		1	37	64		1	65	65								
(99)	2	40		21	53	84		21	97	97					3	4	19	19
	3	40																
	1	42			32	55			50	50								
	2	42		16	47	80		16	93	93							12	12
	3	42																
	1	44			24	44			43	42								
	2	44		9	44	75		9	83	83							2	2
	3	44																
2070	1	40	3	15	40	62	3	15	68	68							1	1
(00)	2	40	6	27	56	83	6	27	94	94	1	4	2	6	6	10	18	18
	3	40																
	1	42	1	7	35	54	1	7	60	60								
	2	42	5	25	51	76	6	25	90	90	1	1	1	1	3	5	13	13
	3	42																
	1	44		4	27	50		4	50	50								
	2	44	4	19	47	70	5	19	78	78					1	1	9	9
	3	44																
2070	1	40	2	7	32	44	2	7	45	45					1	1	3	3
(01)	2	40	9	17	42	53	8	15	65	65	6	6	8	8	12	13	21	21
	3	40																
	1	42	1	5	26	43	1	5	36	36							1	1
	2	42	9	15	39	48	6	11	63	63	3	3	4	4	7	7	14	14
	3	42																
	1	44	1	4	22	35	1	4	31	31								
	2	44	5	10	38	48	4	9	56	56			2	2	3	3	11	11
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(11)

City	Liverpool	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	4	14		1	22	24								
(90)	2	40		2	10	30		2	41	45								
	3	40																
	1	42			3	7			8	11								
	2	42		1	7	25		1	38	40								
	3	42																
	1	44			2	5			4	6								
	2	44		1	5	19		1	33	34								
	3	44																
2070	1	40			5	24			25	34								
(91)	2	40			18	46			56	59								
	3	40																
	1	42			3	11			14	17								
	2	42			12	41			52	56								
	3	42																
	1	44			2	5			6	7								
	2	44			10	35			39	47								
	3	44																
2070	1	40			3	6			11	11								
(92)	2	40			7	15			22	24								
	3	40																
	1	42			2	4			6	6								
	2	42			7	14			18	20								
	3	42																
	1	44			1	2			4	4								
	2	44			4	9			15	16								
	3	44																
2070	1	40			5	19			24	31								
(93)	2	40			17	34			44	45								
	3	40																
	1	42			3	10			17	21								
	2	42			15	30			38	40								
	3	42																
	1	44			2	2			7	7								
	2	44			14	26			32	35								
	3	44																
2070	1	40			5	21			21	26								
(94)	2	40		1	16	29		1	41	41								
	3	40																
	1	42			5	9			13	15								
	2	42		1	10	25		1	35	36								
	3	42																
	1	44			4	6			4	6								
	2	44			7	25			33	35								
	3	44																
2070	1	40			4	8			4	7								
(95)	2	40			7	19			19	22								
	3	40																
	1	42			2	5			2	5								
	2	42			6	16			16	18								
	3	42																
	1	44				3				3								
	2	44			5	13			10	13								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(11)

City	Liverpool	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	11			10	12								
(96)	2	40			8	22			23	26								
	3	40																
	1	42			1	6			3	6								
	2	42			6	19			20	22								
	3	42																
	1	44				3				3								
	2	44			3	14			16	19								
	3	44																
2070	1	40			10	22			23	29								
(97)	2	40			17	42			44	49								
	3	40																
	1	42			2	15			7	17								
	2	42			15	37			39	44								
	3	42																
	1	44				10			3	11								
	2	44			13	27			37	39								
	3	44																
2070	1	40			7	34			30	42								
(98)	2	40			23	52			60	61								
	3	40																
	1	42			4	21			13	25								
	2	42			19	50			55	60								
	3	42																
	1	44			4	10			4	10								
	2	44			10	44			46	55								
	3	44																
2070	1	40			1	18			21	22								
(99)	2	40			11	32			37	39								
	3	40																
	1	42			1	6			5	8								
	2	42			6	30			34	36								
	3	42																
	1	44				1				1								
	2	44			3	25			29	32								
	3	44																
2070	1	40			7	25			18	26								
(00)	2	40		1	20	36		1	46	46								
	3	40																
	1	42			5	16			11	18								
	2	42		1	16	35		1	39	41								
	3	42																
	1	44			3	12			4	12								
	2	44			13	28			28	32								
	3	44																
2070	1	40			8	14			17	17								
(01)	2	40		1	16	24		1	27	28								
	3	40																
	1	42			7	11			14	15								
	2	42		1	14	22		1	23	25								
	3	42																
	1	44			6	8			5	6								
	2	44		1	10	17		1	23	23								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(11a)

City	Liverpool	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	5	25		1	22	22								
(90)	2	40	1	3	15	38	1	3	41	41								
	3	40																
	1	42		1	4	15		1	8	8								
	2	42		2	8	34		2	38	38								
	3	42																
	1	44			3	8			5	3								
	2	44		2	7	32		2	33	33								
	3	44																
2070	1	40			8	41			25	25								
(91)	2	40		2	23	59		2	56	56								
	3	40																
	1	42			3	28			14	14								
	2	42		1	17	50		1	52	52								
	3	42																
	1	44			2	16			6	5								
	2	44		1	10	47		1	39	39								
	3	44																
2070	1	40			4	13			11	11								
(92)	2	40			8	22			22	22								
	3	40																
	1	42			2	6			6	6								
	2	42			7	20			18	18								
	3	42																
	1	44			1	3			4	4								
	2	44			5	16			15	15								
	3	44																
2070	1	40			5	28			24	24								
(93)	2	40		1	18	46		1	44	44								
	3	40																
	1	42			3	19			17	16								
	2	42			16	42			38	38								
	3	42																
	1	44			2	12			7	6								
	2	44			15	36			33	32								
	3	44																
2070	1	40		1	6	25		1	22	21								
(94)	2	40		4	19	44		4	41	41								
	3	40																
	1	42			5	22			13	10								
	2	42		3	16	40		3	35	35								
	3	42																
	1	44			4	14			4	1								
	2	44		2	9	32		2	33	33								
	3	44																
2070	1	40			5	16			5	2								
(95)	2	40		1	8	23		1	19	19								
	3	40																
	1	42			2	8			2	1								
	2	42			8	21			16	16								
	3	42																
	1	44			1	5			1									
	2	44			6	21			11	10								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(11a)

City	Liverpool	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	18			10	9								
(96)	2	40			11	29			23	23								
	3	40																
	1	42			1	12			3	3								
	2	42			8	27			20	20								
	3	42																
	1	44			1	7			1									
	2	44			5	23			16	15								
	3	44																
2070	1	40			11	37			23	22								
(97)	2	40			22	57			45	44								
	3	40																
	1	42			4	26			8	7								
	2	42			18	48			39	39								
	3	42																
	1	44				16			3	3								
	2	44			15	44			37	37								
	3	44																
2070	1	40			10	50			30	29								
(98)	2	40		3	29	64		3	61	60								
	3	40																
	1	42			7	40			14	12								
	2	42		3	23	61		3	55	55								
	3	42																
	1	44			4	23			4	3								
	2	44		1	19	55		1	47	46								
	3	44																
2070	1	40			2	30			21	21								
(99)	2	40			16	39			37	37								
	3	40																
	1	42			1	22			5	5								
	2	42			10	37			34	34								
	3	42																
	1	44				7												
	2	44			5	33			29	29								
	3	44																
2070	1	40		1	12	35		1	20	17								
(00)	2	40		4	25	44		4	46	46								
	3	40																
	1	42			6	27			11	11								
	2	42		2	19	41		2	39	38								
	3	42																
	1	44			4	19			5	2								
	2	44		1	16	39		1	30	27								
	3	44																
2070	1	40		1	8	19		1	17	17								
(01)	2	40		3	18	30		3	27	27								
	3	40																
	1	42			7	15			14	14								
	2	42		2	15	28		2	23	23								
	3	42																
	1	44			7	11			6	4								
	2	44		1	11	21		1	23	23								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(12)

City	Liverpool	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	2	7	25	1	2	40	42								
(90)	2	40	2	3	23	41	2	3	60	62								
	3	40			1	1												
	1	42		1	4	15		1	27	28								
	2	42	1	3	18	35	1	3	54	55								
	3	42				1												
	1	44		1	3	7		1	10	12								
	2	44	1	3	12	32	1	3	50	51								
	3	44				1												
2070	1	40		1	12	40		1	51	55								
(91)	2	40		3	31	60		3	73	76							1	1
	3	40				1				1								
	1	42			6	26			30	39								
	2	42		3	26	50		3	66	68								
	3	42																
	1	44			3	16			16	21								
	2	44		2	21	46		2	61	64								
	3	44																
2070	1	40			7	14			18	20								
(92)	2	40			10	22	1	1	34	34	1	1	1	1	1	1	1	1
	3	40																
	1	42			3	6			11	11								
	2	42			9	20			29	30			1	1	1	1	1	1
	3	42																
	1	44			2	4			9	9								
	2	44			8	16			26	26							1	1
	3	44																
2070	1	40			15	29			38	40								
(93)	2	40		1	27	46		1	58	60							2	2
	3	40																
	1	42			5	19			27	33								
	2	42		1	25	43		1	52	54							1	1
	3	42																
	1	44			3	11			19	22								
	2	44		1	18	35		1	46	47								
	3	44																
2070	1	40		2	8	25		2	34	36								
(94)	2	40	1	5	25	46	1	5	57	58							1	1
	3	40			1	1												
	1	42		1	6	22		1	24	28								
	2	42		5	22	41		5	56	57							1	1
	3	42			1	1												
	1	44			5	13			14	18								
	2	44		4	17	32		4	48	48								
	3	44				1												
2070	1	40			6	16			16	18								
(95)	2	40		1	13	24		1	27	28								
	3	40																
	1	42			5	9			6	9								
	2	42		1	9	22		1	24	25								
	3	42																
	1	44			3	7			3	6								
	2	44		1	8	20		1	22	24								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(12)

City	Liverpool	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	19			18	21								
(96)	2	40		1	15	30		1	32	35								
	3	40																
	1	42			3	11			11	13								
	2	42		1	13	28		1	26	30								
	3	42																
	1	44			1	7			4	8								
	2	44			9	24			24	26								
	3	44																
2070	1	40			15	35			40	44								
(97)	2	40		2	27	58		2	74	77								
	3	40																
	1	42			11	24			25	31								
	2	42		2	23	48		2	65	68								
	3	42																
	1	44			2	15			8	17								
	2	44			19	44			51	54								
	3	44																
2070	1	40		1	17	50		1	55	61								
(98)	2	40		4	41	65		4	78	78	1	1	1	1	1	1	1	1
	3	40																
	1	42			7	37			39	49								
	2	42		3	35	62		3	72	73							1	1
	3	42																
	1	44			5	22			16	27								
	2	44		3	25	55		3	67	68								
	3	44																
2070	1	40			6	29			34	36								
(99)	2	40			24	39			50	52								
	3	40																
	1	42			1	19			24	26								
	2	42			20	37			48	48								
	3	42																
	1	44			1	7			9	11								
	2	44			13	33			41	42								
	3	44																
2070	1	40		1	16	34		1	39	41								
(00)	2	40	1	5	27	45	1	5	60	60							1	1
	3	40																
	1	42		1	8	27		1	22	28								
	2	42		4	25	41		4	54	54								
	3	42																
	1	44			6	19			12	20								
	2	44		4	20	39		4	47	48								
	3	44																
2070	1	40		2	15	22		2	24	26								
(01)	2	40	1	4	23	34	1	4	34	37							2	2
	3	40																
	1	42		1	8	15		1	20	20								
	2	42	1	4	22	32	1	4	32	35							1	1
	3	42																
	1	44			7	11			14	15								
	2	44	1	3	19	27	1	3	31	32								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(12a)

City	Liverpool	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	3	8	34	1	3	40	40								
(90)	2	40	2	5	26	54	2	5	60	60								
	3	40			1	1												
	1	42		2	5	29		2	27	27								
	2	42	2	4	20	48	2	4	54	54								
	3	42			1	1												
	1	44		2	4	18		2	10	10								
	2	44	1	4	15	44	1	4	50	50								
	3	44				1												
2070	1	40		3	17	50		3	51	51								
(91)	2	40	1	7	40	74	1	7	73	73							1	1
	3	40				1												
	1	42		1	10	45		1	30	30								
	2	42		4	31	70		4	66	66								
	3	42				1												
	1	44			3	29			16	16								
	2	44		3	26	63		3	61	61								
	3	44				1												
2070	1	40			7	20			18	18								
(92)	2	40		1	13	33	1	2	34	34	1	1	1	1	1	1	1	1
	3	40																
	1	42			4	13			11	11								
	2	42			10	28			29	29			1	1	1	1	1	1
	3	42																
	1	44			2	6			9	9								
	2	44			8	24			26	26							1	1
	3	44																
2070	1	40		1	15	42		1	38	38								
(93)	2	40		3	29	57		3	58	58							2	2
	3	40																
	1	42			9	32			28	27								
	2	42		2	27	55		2	52	52							1	1
	3	42																
	1	44			3	24			19	18								
	2	44		1	23	49		1	46	46								
	3	44																
2070	1	40		5	16	40		5	34	34								
(94)	2	40	2	6	26	59	2	6	57	57							1	1
	3	40			1	1												
	1	42		3	6	27		3	24	23								
	2	42	1	5	26	52	1	5	56	56							1	1
	3	42			1	1												
	1	44		1	5	23		1	14	12								
	2	44		5	22	46		5	48	48								
	3	44			1	1												
2070	1	40		1	7	21		1	16	16								
(95)	2	40		3	14	32		3	27	27								
	3	40				1												
	1	42			5	18			6	5								
	2	42		2	14	27		2	24	24								
	3	42				1												
	1	44			4	12			4	2								
	2	44		1	8	23		1	22	22								
	3	44				1												

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(12a)

City	Liverpool	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	8	27		1	18	18								
(96)	2	40		3	18	40		3	32	32								
	3	40																
	1	42			3	20			11	10								
	2	42		3	15	37		3	26	26								
	3	42																
	1	44			2	13			5	4								
	2	44		1	13	34		1	24	24								
	3	44																
2070	1	40		2	16	48		2	40	40								
(97)	2	40		10	34	70		10	74	74								
	3	40																
	1	42			12	42			25	25								
	2	42		9	27	67		9	65	65								
	3	42																
	1	44			5	27			9	8								
	2	44		4	22	62		4	52	51								
	3	44																
2070	1	40		3	23	61		3	55	55								
(98)	2	40	1	9	49	78	1	9	78	78	1	1	1	1	1	1	1	1
	3	40				2												
	1	42		3	10	50		3	39	39								
	2	42		6	41	74		6	72	72							1	1
	3	42																
	1	44			7	40			17	15								
	2	44		6	34	67		6	67	66								
	3	44																
2070	1	40			10	37			34	34								
(99)	2	40		1	27	53		1	50	50								
	3	40																
	1	42			2	31			24	24								
	2	42			24	48			48	48								
	3	42																
	1	44			1	22			9	9								
	2	44			20	43			41	41								
	3	44																
2070	1	40		4	19	41		4	39	38								
(00)	2	40	1	12	31	54	1	12	60	60							1	1
	3	40																
	1	42		2	13	35		2	22	21								
	2	42	1	7	28	54	1	7	54	54								
	3	42																
	1	44		1	6	27		1	12	12								
	2	44		5	25	49		5	47	47								
	3	44																
2070	1	40		4	16	29		4	24	24								
(01)	2	40	1	5	25	41	1	5	35	34							2	2
	3	40																
	1	42		2	9	20		2	20	20								
	2	42	1	5	23	37	1	5	32	32							1	1
	3	42																
	1	44		1	7	15		1	14	14								
	2	44	1	4	21	35	1	4	31	31								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(13)

City	Liverpool	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	5	17		1	28	29								
(90)	2	40	1	2	14	32	1	2	49	50								
	3	40																
	1	42		1	4	9		1	13	15								
	2	42		2	10	30		2	41	45								
	3	42																
	1	44			3	5			5	6								
	2	44		2	7	25		2	36	38								
	3	44																
2070	1	40			6	29			31	41								
(91)	2	40		1	22	47		1	62	64								
	3	40																
	1	42			3	17			20	23								
	2	42		1	18	46		1	56	59								
	3	42																
	1	44			2	9			7	11								
	2	44			12	39			50	54								
	3	44																
2070	1	40			4	7			11	11								
(92)	2	40			8	17			26	26								
	3	40																
	1	42			2	4			9	9								
	2	42			7	15			22	24								
	3	42																
	1	44			1	2			5	5								
	2	44			7	14			18	20								
	3	44																
2070	1	40			5	21			28	34								
(93)	2	40			18	38			48	50								
	3	40																
	1	42			4	13			20	23								
	2	42			17	34			44	45								
	3	42																
	1	44			2	9			11	15								
	2	44			15	29			37	39								
	3	44																
2070	1	40			6	22			28	31								
(94)	2	40		3	18	34		3	48	49								
	3	40																
	1	42			5	14			18	22								
	2	42		2	16	29		2	41	41								
	3	42																
	1	44			4	6			7	9								
	2	44		1	8	25		1	34	36								
	3	44																
2070	1	40			5	11			9	11								
(95)	2	40			8	21			23	25								
	3	40																
	1	42			3	8			3	7								
	2	42			7	19			19	22								
	3	42																
	1	44			1	3			1	3								
	2	44			6	14			16	17								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(13)

City	Liverpool	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	13			12	15								
(96)	2	40			9	25			24	27								
	3	40																
	1	42			1	7			6	8								
	2	42			9	23			23	26								
	3	42																
	1	44				4			2	5								
	2	44			6	18			18	21								
	3	44																
2070	1	40			11	27			26	34								
(97)	2	40			21	46			53	56								
	3	40																
	1	42			4	17			13	20								
	2	42			16	42			44	50								
	3	42																
	1	44				12			5	13								
	2	44			13	34			39	43								
	3	44																
2070	1	40			10	40			42	52								
(98)	2	40		3	29	56		3	67	67								
	3	40																
	1	42			6	24			21	29								
	2	42		1	23	52		1	59	61								
	3	42																
	1	44			4	10			6	10								
	2	44			17	50			54	60								
	3	44																
2070	1	40			2	22			24	29								
(99)	2	40			14	34			41	42								
	3	40																
	1	42			1	10			13	14								
	2	42			11	32			37	39								
	3	42																
	1	44				1				1								
	2	44			5	29			33	35								
	3	44																
2070	1	40			12	27			25	29								
(00)	2	40		1	21	39		1	48	48								
	3	40																
	1	42			6	19			12	20								
	2	42		1	20	36		1	46	46								
	3	42																
	1	44			4	14			5	14								
	2	44		1	16	32		1	38	39								
	3	44																
2070	1	40		1	8	15		1	21	21								
(01)	2	40		2	20	28		2	30	31								
	3	40																
	1	42			7	11			14	15								
	2	42		1	16	24		1	27	28								
	3	42																
	1	44			6	9			7	9								
	2	44		1	14	21		1	23	25								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(13a)

City	Liverpool	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	6	30		2	28	28								
(90)	2	40	1	3	16	44	1	3	49	49								
	3	40																
	1	42		1	4	19		1	13	13								
	2	42	1	3	14	39	1	3	41	41								
	3	42																
	1	44		1	3	13		1	5	4								
	2	44		2	8	34		2	36	36								
	3	44																
2070	1	40		1	10	46		1	31	31								
(91)	2	40		3	29	63		3	62	62								
	3	40				1												
	1	42			4	34			20	20								
	2	42		2	21	59		2	56	56								
	3	42				1												
	1	44			3	19			7	6								
	2	44		2	17	50		2	50	50								
	3	44																
2070	1	40			4	14			11	11								
(92)	2	40			8	24			26	26								
	3	40																
	1	42			2	9			9	9								
	2	42			8	22			22	22								
	3	42																
	1	44			1	5			5	5								
	2	44			7	20			18	18								
	3	44																
2070	1	40			11	32			29	28								
(93)	2	40		1	23	50		1	48	48								
	3	40																
	1	42			4	24			20	20								
	2	42		1	18	46		1	44	44								
	3	42																
	1	44			2	13			11	10								
	2	44		1	15	41		1	37	37								
	3	44																
2070	1	40		2	6	29		2	28	28								
(94)	2	40		5	23	46		5	48	48								
	3	40																
	1	42			5	25			18	17								
	2	42		5	18	44		5	41	41								
	3	42																
	1	44			5	15			8	4								
	2	44		4	16	38		4	34	34								
	3	44																
2070	1	40			5	19			9	8								
(95)	2	40		1	9	23		1	23	23								
	3	40																
	1	42			4	13			4	2								
	2	42		1	8	23		1	19	19								
	3	42																
	1	44			1	6			1									
	2	44			7	21			16	16								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(13a)

City	Liverpool	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			4	21			12	11								
(96)	2	40		1	14	35		1	24	24								
	3	40																
	1	42			2	14			7	6								
	2	42		1	11	30		1	23	23								
	3	42																
	1	44			1	7			2	2								
	2	44			8	27			18	18								
	3	44																
2070	1	40			13	42			26	26								
(97)	2	40		2	25	62		2	53	53								
	3	40																
	1	42			8	27			15	12								
	2	42			21	57			45	44								
	3	42																
	1	44			2	21			5	5								
	2	44			16	48			39	39								
	3	44																
2070	1	40		1	11	52		1	42	42								
(98)	2	40		3	38	67		3	67	67								
	3	40																
	1	42			7	43			21	19								
	2	42		3	29	64		3	60	59								
	3	42																
	1	44			4	29			6	5								
	2	44		3	23	60		3	54	54								
	3	44																
2070	1	40			2	32			24	24								
(99)	2	40			21	43			41	41								
	3	40																
	1	42			1	23			13	13								
	2	42			14	39			37	37								
	3	42																
	1	44				10												
	2	44			10	37			33	33								
	3	44																
2070	1	40		1	14	36		1	26	24								
(00)	2	40		4	27	49		4	48	48								
	3	40																
	1	42			6	28			12	12								
	2	42		4	23	44		4	46	46								
	3	42																
	1	44			4	20			5	3								
	2	44		3	19	41		3	38	37								
	3	44																
2070	1	40		1	9	20		1	21	21								
(01)	2	40	1	4	22	35	1	4	30	30								
	3	40																
	1	42		1	8	16		1	14	14								
	2	42		4	18	30		4	27	27								
	3	42																
	1	44			7	13			8	7								
	2	44		3	15	28		3	23	23								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(14)

City	Liverpool	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	9	30		2	41	45								
(90)	2	40	1	3	27	44	1	3	65	67								
	3	40			1	1												
	1	42		1	5	19		1	33	34								
	2	42	1	3	21	39	1	3	58	59								
	3	42			1	1												
	1	44		1	4	12		1	16	17								
	2	44	1	2	17	35	1	2	51	52								
	3	44				1												
2070	1	40		1	17	46		1	56	59								
(91)	2	40		3	37	63		3	78	79								
	3	40				1				1								
	1	42			10	32			36	45								
	2	42		2	30	57		2	70	74								
	3	42																
	1	44			4	18			22	26								
	2	44		2	25	49		2	63	65								
	3	44																
2070	1	40			7	15			22	24								
(92)	2	40			12	23	1	1	36	37			1	1	1	1	1	1
	3	40																
	1	42			4	9			14	15								
	2	42			10	22			31	31					1	1	1	1
	3	42																
	1	44			3	6			11	11								
	2	44			9	19			27	28								
	3	44																
2070	1	40			17	34			44	45								
(93)	2	40		1	29	49		1	62	63							1	1
	3	40																
	1	42			11	26			30	34								
	2	42		1	27	46		1	56	58								
	3	42																
	1	44			4	13			22	25								
	2	44		1	19	41		1	51	53								
	3	44																
2070	1	40		1	16	29		1	41	41								
(94)	2	40	1	5	26	46	1	5	57	58							1	1
	3	40			1	1												
	1	42			7	25			31	34								
	2	42		4	24	43		4	56	57								
	3	42			1	1												
	1	44			5	14			20	23								
	2	44		4	22	38		4	53	53								
	3	44			1	1												
2070	1	40			7	19			19	22								
(95)	2	40		1	14	24		1	28	29								
	3	40																
	1	42			5	13			9	12								
	2	42		1	12	22		1	25	26								
	3	42																
	1	44			4	8			4	7								
	2	44			8	21			23	25								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(14)

City	Liverpool	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			8	22			23	26								
(96)	2	40		1	16	34		1	35	37								
	3	40																
	1	42			3	14			14	17								
	2	42		1	15	30		1	30	33								
	3	42																
	1	44			2	7			8	9								
	2	44			13	28			24	28								
	3	44																
2070	1	40			16	42			42	48								
(97)	2	40		2	31	62		2	76	80								
	3	40																
	1	42			12	27			35	37								
	2	42			27	55			71	73								
	3	42																
	1	44			5	19			15	22								
	2	44			22	47			62	64								
	3	44																
2070	1	40		1	23	52		1	58	61								
(98)	2	40		3	47	68		3	78	81							1	1
	3	40																
	1	42			10	43			44	54								
	2	42		3	41	65		3	76	76								
	3	42																
	1	44			7	28			25	35								
	2	44		3	31	58		3	69	70								
	3	44																
2070	1	40			11	32			37	39								
(99)	2	40			28	43			51	53								
	3	40																
	1	42			3	23			28	32								
	2	42			24	39			50	52								
	3	42																
	1	44			1	11			15	16								
	2	44			19	37			45	45								
	3	44																
2070	1	40		1	19	36		1	46	46								
(00)	2	40	1	4	28	48	1	4	60	60								
	3	40																
	1	42			12	28			28	32								
	2	42		4	27	44		4	57	57								
	3	42																
	1	44			6	19			13	21								
	2	44		3	25	40		3	50	50								
	3	44																
2070	1	40		1	16	24		1	26	27								
(01)	2	40	1	4	24	36	1	4	37	39							1	1
	3	40																
	1	42		1	9	16		1	23	23								
	2	42	1	3	23	33	1	3	33	36							1	1
	3	42																
	1	44			7	13			14	15								
	2	44		3	22	32		3	31	32								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(14a)

City	Liverpool	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	3	13	38	1	3	41	41								
(90)	2	40	2	4	31	58	2	4	65	65								
	3	40			1	1												
	1	42		2	7	32		2	33	33								
	2	42	1	4	23	52	1	4	58	58								
	3	42			1	1												
	1	44		1	4	21		1	16	16								
	2	44	1	3	20	46	1	3	51	51								
	3	44			1	1												
2070	1	40		2	20	57		2	56	56								
(91)	2	40		5	46	76		5	78	78								
	3	40				1												
	1	42		1	10	46		1	36	36								
	2	42		3	38	74		3	70	70								
	3	42				1												
	1	44			6	35			22	22								
	2	44		3	30	67		3	63	63								
	3	44				1												
2070	1	40			8	22			22	22								
(92)	2	40			14	33	1	1	36	36			1	1	1	1	1	1
	3	40																
	1	42			5	15			14	14								
	2	42			12	30			31	31					1	1	1	1
	3	42																
	1	44			3	10			11	11								
	2	44			10	27			27	27								
	3	44																
2070	1	40		1	18	46		1	44	44								
(93)	2	40		2	35	57		2	62	62							1	1
	3	40																
	1	42			15	35			31	30								
	2	42		2	29	57		2	56	56								
	3	42																
	1	44			4	26			22	22								
	2	44		1	26	51		1	51	51								
	3	44																
2070	1	40		4	17	42		4	41	41								
(94)	2	40	1	6	28	61	1	6	57	57							1	1
	3	40			1	1												
	1	42		2	7	31		2	31	31								
	2	42	1	5	26	57	1	5	56	56								
	3	42			1	1												
	1	44		1	6	25		1	21	20								
	2	44		5	24	49		5	53	53								
	3	44			1	1												
2070	1	40		1	8	22		1	19	19								
(95)	2	40		3	19	32		3	28	28								
	3	40				1												
	1	42			6	20			10	9								
	2	42		2	13	29		2	25	25								
	3	42				1												
	1	44			5	13			5	2								
	2	44		1	12	25		1	23	23								
	3	44				1												

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(14a)

City	Liverpool	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	8	29		1	23	23								
(96)	2	40		3	22	41		3	35	35								
	3	40																
	1	42			5	22			14	13								
	2	42		2	18	38		2	30	30								
	3	42																
	1	44			3	14			8	7								
	2	44		1	15	35		1	24	24								
	3	44																
2070	1	40			21	55			43	42								
(97)	2	40		10	41	73		10	76	76								
	3	40																
	1	42			13	44			35	35								
	2	42		7	33	69		7	71	71								
	3	42																
	1	44			10	31			18	14								
	2	44		2	27	65		2	62	62								
	3	44																
2070	1	40		3	29	64		3	59	58								
(98)	2	40	1	7	51	78	1	7	78	78							1	1
	3	40				2												
	1	42		2	17	55		2	44	44								
	2	42		6	49	77		6	76	76								
	3	42																
	1	44			7	46			25	23								
	2	44		5	40	70		5	69	69								
	3	44																
2070	1	40			14	39			37	37								
(99)	2	40			33	55			51	51								
	3	40																
	1	42			4	33			28	28								
	2	42			27	50			50	50								
	3	42																
	1	44			1	24			15	15								
	2	44			24	44			45	45								
	3	44																
2070	1	40		4	20	44		4	46	46								
(00)	2	40	1	8	35	55	1	8	60	60								
	3	40																
	1	42		1	16	39		1	30	27								
	2	42	1	6	30	54	1	6	57	57								
	3	42																
	1	44		1	7	28		1	14	13								
	2	44		5	27	51		5	50	50								
	3	44																
2070	1	40		3	18	30		3	26	26								
(01)	2	40	1	5	27	43	1	5	37	37							1	1
	3	40																
	1	42		2	11	21		2	23	23								
	2	42	1	4	24	38	1	4	34	33							1	1
	3	42																
	1	44		1	8	16		1	14	14								
	2	44	1	4	23	36	1	4	31	31								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(15)

City	Liverpool	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	2	10	32	1	2	42	46								
(90)	2	40	1	3	28	45	1	3	66	68								
	3	40			1	1												
	1	42		1	5	19		1	33	34								
	2	42	1	3	22	40	1	3	58	60								
	3	42			1	1												
	1	44		1	4	13		1	19	21								
	2	44	1	2	18	35	1	2	52	53								
	3	44			1	1												
2070	1	40		1	18	46		1	58	61								
(91)	2	40		3	41	64		3	80	81								
	3	40				1				1								
	1	42			10	35			39	47								
	2	42		2	33	60		2	71	74								
	3	42				1				1								
	1	44			4	19			23	28								
	2	44		2	26	50		2	64	66								
	3	44																
2070	1	40			7	15			22	24								
(92)	2	40			13	24	1	1	38	39	1	1	1	1	1	1	1	1
	3	40																
	1	42			5	10			15	16								
	2	42			10	22			32	32			1	1	1	1	1	1
	3	42																
	1	44			3	6			11	11								
	2	44			9	20			27	28								
	3	44																
2070	1	40			18	35			44	46								
(93)	2	40		1	29	50		1	63	64							1	1
	3	40																
	1	42			14	26			32	35								
	2	42		1	27	46		1	58	59							1	1
	3	42																
	1	44			4	13			23	26								
	2	44		1	25	43		1	52	54								
	3	44																
2070	1	40		2	16	30		2	43	43								
(94)	2	40	1	5	26	47	1	5	59	60							1	1
	3	40			1	1												
	1	42			7	25			33	35								
	2	42		5	26	46		5	56	57								
	3	42			1	1												
	1	44			5	17			20	25								
	2	44		4	22	41		4	55	56								
	3	44			1	1												
2070	1	40			8	19			19	22								
(95)	2	40		1	14	24		1	30	31								
	3	40																
	1	42			5	13			10	13								
	2	42		1	14	24		1	26	27								
	3	42																
	1	44			4	8			4	7								
	2	44			9	21			24	25								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(15)

City	Liverpool	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			9	24			23	26								
(96)	2	40		1	18	35		1	36	38								
	3	40																
	1	42			3	14			16	19								
	2	42		1	15	30		1	31	34								
	3	42																
	1	44			2	9			8	9								
	2	44			13	28			25	29								
	3	44																
2070	1	40			18	42			45	50								
(97)	2	40		2	34	63		2	77	81								
	3	40																
	1	42			13	27			37	39								
	2	42		1	27	58		1	73	76								
	3	42																
	1	44			7	21			19	26								
	2	44			24	48			64	67								
	3	44																
2070	1	40		1	23	52		1	61	62								
(98)	2	40		4	49	69		4	79	82			1	1	1	1	1	1
	3	40																
	1	42			10	44			46	55								
	2	42		3	44	65		3	77	77							1	1
	3	42																
	1	44			7	29			26	37								
	2	44		3	34	61		3	71	72								
	3	44																
2070	1	40			11	32			39	41								
(99)	2	40			29	44			55	56								
	3	40																
	1	42			3	25			29	32								
	2	42			24	39			50	52								
	3	42																
	1	44			1	11			16	16								
	2	44			20	37			46	46								
	3	44																
2070	1	40		1	20	38		1	46	47								
(00)	2	40	1	4	31	50	1	4	61	62							1	1
	3	40																
	1	42			13	28			29	33								
	2	42		4	28	45		4	58	58								
	3	42																
	1	44			6	22			15	24								
	2	44		3	25	41		3	52	52								
	3	44																
2070	1	40		1	16	24		1	28	29								
(01)	2	40	1	4	25	36	1	4	38	40							1	1
	3	40																
	1	42		1	11	18		1	23	23								
	2	42	1	4	23	34	1	4	33	36							1	1
	3	42																
	1	44			7	13			14	15								
	2	44	1	3	22	32	1	3	32	33								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(15a)

City	Liverpool	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	3	15	39	1	3	42	42								
(90)	2	40	2	5	31	58	2	5	66	66								
	3	40			1	1												
	1	42		2	7	32		2	33	33								
	2	42	2	4	26	53	2	4	58	58								
	3	42			1	1												
	1	44		1	4	24		1	19	19								
	2	44	1	4	20	47	1	4	52	52								
	3	44			1	1												
2070	1	40		2	22	59		2	58	58								
(91)	2	40	1	5	48	78	1	5	80	80								
	3	40				1												
	1	42		1	10	47		1	39	39								
	2	42		4	40	74		4	71	71								
	3	42				1												
	1	44			6	38			23	23								
	2	44		3	32	67		3	64	64								
	3	44				1												
2070	1	40			8	22			22	22								
(92)	2	40		1	14	34	1	2	38	38	1	1	1	1	1	1	1	1
	3	40																
	1	42			6	17			15	15								
	2	42			14	32			32	32			1	1	1	1	1	1
	3	42																
	1	44			3	12			11	11								
	2	44			10	28			27	27								
	3	44																
2070	1	40		1	18	46		1	44	44								
(93)	2	40		2	35	59		2	63	63							1	1
	3	40																
	1	42			15	38			33	32								
	2	42		2	30	57		2	58	58							1	1
	3	42																
	1	44			4	26			23	23								
	2	44		1	27	54		1	52	52								
	3	44																
2070	1	40		5	18	45		5	43	43								
(94)	2	40	1	6	29	62	1	6	59	59							1	1
	3	40			1	1												
	1	42		3	9	32		3	33	33								
	2	42	1	5	26	59	1	5	56	56								
	3	42			1	1												
	1	44		1	6	25		1	21	20								
	2	44		5	26	50		5	55	55								
	3	44			1	1												
2070	1	40		1	8	23		1	19	19								
(95)	2	40		3	20	33		3	30	30								
	3	40				1												
	1	42			6	21			11	10								
	2	42		2	15	30		2	26	26								
	3	42				1												
	1	44			5	13			5	2								
	2	44		1	13	25		1	24	24								
	3	44				1												

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(15a)

City	Liverpool	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	11	30		1	23	23								
(96)	2	40		3	22	41		3	36	36								
	3	40																
	1	42			5	24			16	15								
	2	42		2	18	39		2	31	31								
	3	42																
	1	44			3	16			8	7								
	2	44		1	15	36		1	25	25								
	3	44																
2070	1	40		1	21	58		1	46	45								
(97)	2	40		10	42	73		10	77	77								
	3	40																
	1	42			15	45			37	37								
	2	42		8	34	69		8	73	73								
	3	42																
	1	44			10	34			21	17								
	2	44		4	27	66		4	64	64								
	3	44																
2070	1	40		3	29	64		3	62	61								
(98)	2	40	1	8	52	80	1	8	79	79			1	1	1	1	1	1
	3	40				2												
	1	42		3	19	55		3	47	46								
	2	42		6	50	77		6	77	77							1	1
	3	42				2												
	1	44			9	48			26	24								
	2	44		5	43	71		5	71	71								
	3	44																
2070	1	40			15	39			39	39								
(99)	2	40		1	34	57		1	55	55								
	3	40																
	1	42			5	33			29	29								
	2	42			27	51			50	50								
	3	42																
	1	44			2	27			16	16								
	2	44			24	46			46	46								
	3	44																
2070	1	40		4	23	45		4	46	46								
(00)	2	40	1	12	36	56	1	12	61	61							1	1
	3	40																
	1	42		1	16	39		1	31	28								
	2	42	1	6	31	54	1	6	58	58								
	3	42																
	1	44		1	8	31		1	16	15								
	2	44		5	28	52		5	52	52								
	3	44																
2070	1	40		4	18	31		4	28	28								
(01)	2	40	1	5	27	43	1	5	38	38							1	1
	3	40																
	1	42		2	12	22		2	23	23								
	2	42	1	5	25	40	1	5	34	33							1	1
	3	42																
	1	44		1	8	18		1	14	14								
	2	44	1	4	23	37	1	4	32	32								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(16)

City	Liverpool	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	6	43	63	4	7	97	98					3	3	12	12
(90)	2	40	13	24	60	80	21	25	129	129	29	29	35	35	54	54	81	81
	3	40			1	1	3	3	5	5	4	4	6	6	10	10	26	26
	1	42	2	4	35	55	2	4	78	78							2	2
	2	42	11	20	54	77	12	18	120	120	13	13	15	15	27	27	63	63
	3	42			1	1			4	4	2	2	3	3	6	6	15	15
	1	44	1	3	27	44	1	3	65	67								
	2	44	8	13	48	70	7	11	113	113	4	4	7	7	12	12	38	38
	3	44			1	1			4	4	1	1	3	3	3	3	8	8
2070	1	40	2	9	60	81	6	12	97	97	2	2	3	3	6	6	15	15
(91)	2	40	5	28	76	99	26	38	122	122	23	23	31	31	46	46	78	78
	3	40			2	4			9	9	3	3	4	4	5	5	12	12
	1	42	1	4	49	74	1	4	88	90	1	1	1	1	1	1	6	6
	2	42	3	19	74	93	16	23	116	118	12	12	17	17	28	28	54	54
	3	42			1	4			9	9	1	1	2	2	2	2	7	7
	1	44		3	37	63		3	78	79								
	2	44	3	16	67	90	9	19	110	112	6	6	7	7	15	15	36	36
	3	44			1	3			7	7							4	4
2070	1	40	1	2	22	38	5	5	68	68	4	4	4	4	7	7	10	10
(92)	2	40	3	6	37	58	18	19	93	93	19	19	22	22	35	35	57	57
	3	40							7	7	3	3	5	5	6	6	20	20
	1	42			17	32	1	1	55	56	1	1	1	1	1	1	5	5
	2	42	2	6	34	49	13	14	87	87	12	12	14	14	21	21	35	35
	3	42							7	7			1	1	2	2	13	13
	1	44			12	23	1	1	36	37			1	1	1	1	1	1
	2	44	1	3	30	48	8	8	82	82	8	8	11	11	12	12	24	24
	3	44							5	5							5	5
2070	1	40	1	9	46	64	7	13	86	86	4	4	6	6	9	9	18	18
(93)	2	40	4	20	61	81	25	32	111	112	27	27	32	32	45	45	68	68
	3	40				1			3	3					3	3	11	11
	1	42		2	37	57	2	3	72	72					2	2	7	7
	2	42	2	13	59	73	18	23	103	103	17	17	21	21	29	29	49	49
	3	42				1			2	2					1	1	6	6
	1	44		1	29	49		1	62	63							1	1
	2	44	2	12	51	69	14	18	93	93	11	11	11	11	18	18	31	31
	3	44				1			1	1							1	1
2070	1	40	4	6	46	76	4	6	82	88			1	1	1	1	14	14
(94)	2	40	7	23	66	93	23	28	106	106	21	21	26	26	35	35	62	62
	3	40			1	1			3	3					5	5	9	9
	1	42	2	5	34	60	2	5	73	78							1	1
	2	42	6	19	61	89	16	23	101	102	11	11	14	14	25	25	44	44
	3	42			1	1			2	2							5	5
	1	44	1	5	26	46	1	5	57	58							1	1
	2	44	6	15	53	82	10	17	96	99	7	7	8	8	12	12	31	31
	3	44			1	1			1	1							2	2
2070	1	40	2	4	26	37	1	3	51	52							1	1
(95)	2	40	14	18	39	55	7	10	73	73	5	5	7	7	10	10	33	33
	3	40			1	2	1	1	4	4	2	2	2	2	2	2	5	5
	1	42		2	23	34		2	41	42								
	2	42	8	12	37	50	3	6	66	67	1	1	4	4	5	5	16	16
	3	42			1	2	1	1	4	4	1	1	2	2	2	2	3	3
	1	44		1	14	24		1	28	29								
	2	44	3	7	31	46	1	5	58	59					2	2	8	8
	3	44			1	2	1	1	4	4			1	1	1	1	2	2

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(16)

City	Liverpool	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	4	31	43	1	4	63	64					1	1	4	4
(96)	2	40	6	15	41	58	8	13	79	79	7	7	9	9	16	16	31	31
	3	40																
	1	42		2	25	39		2	49	51								
	2	42	3	10	38	54	4	9	77	77	2	2	5	5	8	8	20	20
	3	42																
	1	44		1	16	34		1	35	37								
	2	44	2	8	35	50	2	7	75	75	1	1	2	2	3	3	10	10
	3	44																
2070	1	40		12	59	86	1	12	103	103			1	1	3	3	8	8
(97)	2	40	17	32	76	102	19	29	128	128	15	15	21	21	35	36	74	74
	3	40	1	2					1	1								
	1	42		8	45	71		8	94	94							4	4
	2	42	8	22	71	94	10	21	124	124	10	10	12	12	18	18	51	51
	3	42	1	1														
	1	44		2	31	62		2	76	80								
	2	44	3	16	67	92	6	16	116	116	2	2	3	3	7	7	28	28
	3	44																
2070	1	40	4	11	65	85	4	11	103	104	1	1	1	1	2	2	15	15
(98)	2	40	11	41	78	110	24	42	127	129	19	19	24	24	36	36	73	74
	3	40	1	1	2	2			7	7							4	5
	1	42	2	6	56	78	3	7	93	94	1	1	1	1	1	1	4	4
	2	42	8	30	77	102	13	32	116	117	10	10	14	14	24	24	55	55
	3	42	1	1		2			5	5							1	2
	1	44		3	47	68		3	78	81							1	1
	2	44	7	24	71	95	8	23	110	110	3	3	4	4	12	12	37	37
	3	44				2			5	5							1	1
2070	1	40		1	42	64		1	88	90							7	7
(99)	2	40	6	24	62	85	16	22	110	112	13	13	23	23	33	33	68	68
	3	40	1	1					2	2							2	2
	1	42			35	53			70	71								
	2	42	3	13	55	80	7	14	106	109	3	3	7	7	17	17	41	41
	3	42							1	1								
	1	44			28	43			51	53								
	2	44	1	8	50	74		7	99	100			1	1	5	5	26	26
	3	44																
2070	1	40	4	14	45	61	5	14	87	87			1	1	1	1	13	13
(00)	2	40	8	27	57	79	15	29	109	109	15	15	20	20	29	29	69	69
	3	40															4	4
	1	42	1	6	39	54	1	6	69	70							2	2
	2	42	6	22	56	73	11	23	104	104	5	5	13	13	18	18	42	42
	3	42															2	2
	1	44	1	4	28	48	1	4	60	60								
	2	44	5	19	53	70	6	19	95	97	1	1	4	4	9	9	27	27
	3	44															1	1
2070	1	40	6	9	36	46	4	6	59	59	2	2	3	3	4	4	14	14
(01)	2	40	18	25	47	49	18	20	79	80	22	22	25	25	37	37	44	44
	3	40	1	1	1	1									1	1	1	1
	1	42	3	6	30	43	2	5	47	48					1	1	4	4
	2	42	11	17	42	49	13	14	75	76	14	14	15	15	20	20	39	39
	3	42	1	1													1	1
	1	44	1	4	24	36	1	4	37	39							1	1
	2	44	10	14	40	48	9	11	72	73	8	8	9	9	12	12	25	25
	3	44															1	1

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(16a)

City	Liverpool	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	13	46	77	4	14	97	97					3	4	12	12
(90)	2	40	14	42	63	105	21	41	129	129	29	36	35	44	54	63	81	81
	3	40		1	1	1	3	3	5	5	4	4	6	6	10	10	26	26
	1	42	2	7	37	66	2	7	78	78							2	2
	2	42	11	30	59	94	12	28	120	120	13	17	15	21	27	34	63	63
	3	42		1	1	1			4	4	2	2	3	3	6	6	15	15
	1	44	2	4	30	58	2	4	65	65								
	2	44	9	23	54	85	7	20	113	113	4	7	7	9	12	15	38	38
	3	44		1	1	1			4	4	1	1	3	3	3	3	8	8
2070	1	40	3	19	63	93	7	21	97	97	2	2	3	3	6	7	15	15
(91)	2	40	9	47	81	118	26	55	122	122	23	33	31	49	46	73	78	78
	3	40		1	2	6		1	9	9	3	3	4	5	5	7	12	12
	1	42	2	10	53	87	2	10	88	88	1	1	1	1	1	1	6	6
	2	42	5	38	76	110	16	41	116	116	12	18	17	22	28	38	54	54
	3	42			1	5			9	9	1	1	2	2	2	4	7	7
	1	44		5	45	76		5	78	78								
	2	44	3	30	74	102	9	32	110	110	6	8	7	8	15	18	36	36
	3	44			1	4			7	7							4	4
2070	1	40	1	5	24	48	5	7	68	68	4	4	4	4	7	7	10	10
(92)	2	40	4	16	41	78	18	25	93	93	19	20	22	24	35	43	57	57
	3	40				1			7	7	3	3	5	6	6	10	20	20
	1	42		2	20	42	1	3	55	55	1	1	1	1	1	1	5	5
	2	42	2	13	36	71	13	19	87	87	12	12	14	14	21	22	35	35
	3	42				1			7	7			1	1	2	4	13	13
	1	44			14	33	1	1	36	36			1	1	1	1	1	1
	2	44	1	6	33	61	8	10	82	82	8	8	11	11	12	12	24	24
	3	44							5	5							5	5
2070	1	40	1	13	50	73	7	15	86	86	4	4	6	6	9	9	18	18
(93)	2	40	9	38	64	88	26	44	111	111	27	35	32	43	45	62	68	68
	3	40			1	1			3	3					3	4	11	11
	1	42	1	10	42	65	3	11	72	72					2	2	7	7
	2	42	2	26	59	87	18	33	103	103	17	19	21	26	29	37	49	49
	3	42				1			2	2					1	1	6	6
	1	44		2	35	57		2	62	62							1	1
	2	44	2	24	57	85	14	29	93	93	11	12	11	12	18	19	31	31
	3	44				1			1	1							1	1
2070	1	40	5	18	47	87	5	18	82	82		1	1	1	1	1	14	14
(94)	2	40	7	34	75	101	23	38	106	106	21	32	26	37	35	52	62	62
	3	40		1	1	1		1	3	3					5	6	9	9
	1	42	4	6	40	78	4	6	73	73							1	1
	2	42	7	26	65	95	17	28	101	101	11	16	14	22	25	33	44	44
	3	42		1	1	1		1	2	2							5	5
	1	44	1	6	28	61	1	6	57	57							1	1
	2	44	6	26	60	93	10	25	96	96	7	9	8	12	12	17	31	31
	3	44			1	1			1	1							2	2
2070	1	40	2	7	26	47	1	6	51	51							1	1
(95)	2	40	14	30	39	62	7	23	73	73	5	10	7	17	10	30	33	33
	3	40			1	3	1	1	4	4	2	2	2	2	2	2	5	5
	1	42		4	24	37		4	41	41								
	2	42	9	18	39	60	4	14	66	66	1	3	4	6	5	10	16	16
	3	42			1	2	1	1	4	4	1	1	2	2	2	2	3	3
	1	44		3	18	32		3	28	28								
	2	44	4	13	35	57	2	11	58	58					2	4	8	8
	3	44			1	2	1	1	4	4			1	1	1	1	2	2

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(16a)

City	Liverpool	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	9	35	54	1	9	63	63					1	1	4	4
(96)	2	40	6	27	43	68	8	26	79	79	7	12	9	15	16	33	31	31
	3	40																
	1	42		5	29	44		5	49	49								
	2	42	4	17	41	64	4	16	77	77	2	3	5	7	8	13	20	20
	3	42																
	1	44		3	22	41		3	35	35								
	2	44	3	14	38	61	3	13	75	75	1	1	2	2	3	4	10	10
	3	44																
2070	1	40	2	21	64	94	3	21	103	103			1	1	3	4	8	8
(97)	2	40	19	51	84	118	20	47	128	128	15	28	21	37	35	62	74	74
	3	40	1	2					1	1								
	1	42		14	49	85		14	94	94							4	4
	2	42	11	35	75	113	12	34	124	124	10	15	12	21	18	30	51	51
	3	42	1	1														
	1	44		10	41	73		10	76	76								
	2	44	8	28	71	108	9	27	116	116	2	4	3	6	7	11	28	28
	3	44																
2070	1	40	4	29	68	102	4	29	103	103	1	1	1	1	2	2	15	15
(98)	2	40	13	59	83	119	25	59	127	127	19	42	24	50	36	66	73	73
	3	40	1	1	2	3			7	7		1		2		4	4	4
	1	42	3	16	61	86	4	17	93	93	1	1	1	1	1	1	4	4
	2	42	10	50	78	114	13	49	116	116	10	20	14	28	24	46	55	55
	3	42	1	1	2	3			5	5						2	1	1
	1	44	1	7	51	78	1	7	78	78							1	1
	2	44	8	41	77	110	9	40	110	110	3	7	4	8	12	18	37	37
	3	44			2	3			5	5							1	1
2070	1	40		10	46	79		10	88	88							7	7
(99)	2	40	7	41	68	103	16	39	110	110	13	24	23	32	33	49	68	68
	3	40	1	1					2	2							2	2
	1	42		3	37	66		3	70	70								
	2	42	4	29	61	96	8	29	106	106	3	4	7	9	17	24	41	41
	3	42							1	1								
	1	44			33	55			51	51								
	2	44	1	22	54	87		21	99	99			1	2	5	6	26	26
	3	44																
2070	1	40	4	22	50	72	5	22	87	87			1	1	1	2	13	13
(00)	2	40	13	38	62	92	18	40	109	109	15	32	20	37	29	53	69	69
	3	40														1	4	4
	1	42	3	16	41	64	3	16	69	69							2	2
	2	42	8	31	57	91	12	32	104	104	5	15	13	24	18	32	42	42
	3	42															2	2
	1	44	1	8	35	55	1	8	60	60								
	2	44	6	28	56	87	6	28	95	95	1	5	4	10	9	16	27	27
	3	44															1	1
2070	1	40	7	13	39	48	5	10	59	59	2	2	3	3	4	4	14	14
(01)	2	40	19	32	47	66	18	29	79	79	22	24	25	27	37	43	44	44
	3	40	1	1	1	1									1	1	1	1
	1	42	4	8	34	45	3	7	47	47					1	1	4	4
	2	42	12	22	47	56	13	19	75	75	14	15	15	17	20	22	39	39
	3	42	1	1													1	1
	1	44	1	5	27	43	1	5	37	37							1	1
	2	44	10	18	42	55	9	15	72	72	8	8	9	9	12	13	25	25
	3	44		1													1	1

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(17)

City	Liverpool	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	4	15		1	26	27								
(90)	2	40		2	12	32		2	44	47								
	3	40																
	1	42			3	7			10	12								
	2	42		2	7	28		2	40	43								
	3	42																
	1	44			2	5			5	6								
	2	44		1	6	21		1	33	35								
	3	44																
2070	1	40			6	26			29	39								
(91)	2	40		1	21	46		1	59	62								
	3	40																
	1	42			3	16			15	20								
	2	42			13	42			55	56								
	3	42																
	1	44			2	9			6	11								
	2	44			11	35			41	48								
	3	44																
2070	1	40			3	6			11	11								
(92)	2	40			7	16			23	24								
	3	40																
	1	42			2	4			7	7								
	2	42			7	14			18	20								
	3	42																
	1	44			1	2			4	4								
	2	44			6	11			16	18								
	3	44																
2070	1	40			5	19			26	32								
(93)	2	40			18	35			44	46								
	3	40																
	1	42			3	11			19	22								
	2	42			17	33			40	42								
	3	42																
	1	44			2	4			7	9								
	2	44			15	28			35	37								
	3	44																
2070	1	40			6	22			23	27								
(94)	2	40		1	16	30		1	46	46								
	3	40																
	1	42			5	13			14	18								
	2	42		1	11	27		1	36	37								
	3	42																
	1	44			4	6			4	6								
	2	44			7	25			34	36								
	3	44																
2070	1	40			5	9			6	9								
(95)	2	40			8	19			21	23								
	3	40																
	1	42			3	7			3	6								
	2	42			6	17			17	19								
	3	42																
	1	44				3				3								
	2	44			5	13			15	17								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(17)

City	Liverpool	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	11			11	13								
(96)	2	40			9	24			24	26								
	3	40																
	1	42			1	7			4	8								
	2	42			7	21			22	26								
	3	42																
	1	44				3			1	4								
	2	44			4	14			16	19								
	3	44																
2070	1	40			11	24			25	31								
(97)	2	40			18	44			47	51								
	3	40																
	1	42			2	15			8	17								
	2	42			16	41			41	46								
	3	42																
	1	44				11			4	12								
	2	44			13	31			38	41								
	3	44																
2070	1	40			7	37			38	49								
(98)	2	40		1	25	53		1	64	64								
	3	40																
	1	42			5	22			16	27								
	2	42			21	50			57	61								
	3	42																
	1	44			4	10			5	10								
	2	44			11	46			49	56								
	3	44																
2070	1	40			1	19			21	23								
(99)	2	40			13	33			39	41								
	3	40																
	1	42			1	7			9	11								
	2	42			8	31			35	37								
	3	42																
	1	44				1				1								
	2	44			4	25			31	33								
	3	44																
2070	1	40			8	27			21	28								
(00)	2	40		1	20	38		1	46	47								
	3	40																
	1	42			6	19			12	20								
	2	42		1	16	35		1	42	44								
	3	42																
	1	44			3	12			4	12								
	2	44			14	28			34	36								
	3	44																
2070	1	40			8	15			18	18								
(01)	2	40		1	17	25		1	28	29								
	3	40																
	1	42			7	11			14	15								
	2	42		1	16	24		1	26	27								
	3	42																
	1	44			6	8			6	7								
	2	44		1	13	19		1	23	23								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(17a)

City	Liverpool	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	5	28		2	26	26								
(90)	2	40	1	3	15	40	1	3	44	44								
	3	40																
	1	42		1	4	18		1	10	10								
	2	42		2	11	36		2	40	40								
	3	42																
	1	44			3	10			5	4								
	2	44		2	7	32		2	33	33								
	3	44																
2070	1	40			10	42			29	29								
(91)	2	40		2	26	61		2	59	59								
	3	40				1												
	1	42			3	29			15	15								
	2	42		2	19	54		2	55	55								
	3	42																
	1	44			3	18			6	5								
	2	44		1	12	48		1	41	41								
	3	44																
2070	1	40			4	13			11	11								
(92)	2	40			8	23			23	23								
	3	40																
	1	42			2	6			7	7								
	2	42			8	20			18	18								
	3	42																
	1	44			1	4			4	4								
	2	44			6	18			16	16								
	3	44																
2070	1	40			7	31			26	26								
(93)	2	40		1	23	48		1	44	44								
	3	40																
	1	42			3	24			19	18								
	2	42		1	18	46		1	40	40								
	3	42																
	1	44			2	13			7	6								
	2	44			15	38			35	35								
	3	44																
2070	1	40		1	6	27		1	23	22								
(94)	2	40		4	21	45		4	46	46								
	3	40																
	1	42			5	23			14	12								
	2	42		4	16	41		4	36	36								
	3	42																
	1	44			5	14			5	1								
	2	44		3	10	34		3	34	34								
	3	44																
2070	1	40			5	17			6	5								
(95)	2	40		1	8	23		1	21	21								
	3	40																
	1	42			4	12			4	2								
	2	42			8	21			17	17								
	3	42																
	1	44			1	6			1									
	2	44			6	21			15	15								
	3	44																

APPENDIX - 5
(Predicted dangerous days for projected 2070 conditions)

Table - 5(17a)

City	Liverpool	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	20			11	10								
(96)	2	40		1	13	31		1	24	24								
	3	40																
	1	42			2	13			5	4								
	2	42			8	28			22	22								
	3	42																
	1	44			1	7			2	1								
	2	44			6	25			16	15								
	3	44																
2070	1	40			12	41			25	25								
(97)	2	40			22	59			48	47								
	3	40																
	1	42			5	27			9	8								
	2	42			19	52			41	41								
	3	42																
	1	44			2	17			5	4								
	2	44			16	46			38	38								
	3	44																
2070	1	40			10	50			38	38								
(98)	2	40		3	34	65		3	64	63								
	3	40																
	1	42			7	40			17	15								
	2	42		3	25	62		3	58	57								
	3	42																
	1	44			4	25			5	4								
	2	44		2	21	57		2	50	49								
	3	44																
2070	1	40			2	31			21	21								
(99)	2	40			20	41			39	39								
	3	40																
	1	42			1	22			9	9								
	2	42			12	39			35	35								
	3	42																
	1	44				9												
	2	44			8	35			31	31								
	3	44																
2070	1	40		1	12	35		1	22	20								
(00)	2	40		4	25	47		4	46	46								
	3	40																
	1	42			6	27			12	12								
	2	42		3	19	42		3	42	42								
	3	42																
	1	44			4	19			5	2								
	2	44		1	16	39		1	35	33								
	3	44																
2070	1	40		1	8	20		1	18	18								
(01)	2	40		3	19	32		3	28	28								
	3	40																
	1	42		1	7	15		1	14	14								
	2	42		3	17	30		3	26	26								
	3	42																
	1	44			7	12			7	6								
	2	44		2	14	26		2	23	23								
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(18)

City	Liverpool	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	2	19	37	1	2	52	54								
(90)	2	40	2	4	35	55	2	4	76	76							2	2
	3	40			1	1			3	3								
	1	42		2	8	29		2	41	45								
	2	42	2	4	31	50	2	4	71	71								
	3	42			1	1			1	1								
	1	44		1	5	18		1	32	32								
	2	44	1	3	27	44	1	3	65	67								
	3	44			1	1												
2070	1	40		2	28	51		2	64	67								
(91)	2	40	1	4	49	74	1	4	88	90	1	1	1	1	1	1	6	6
	3	40				1			3	3								
	1	42		1	17	46		1	56	59								
	2	42		3	47	68		3	82	86							2	2
	3	42				1			3	3								
	1	44			10	31			34	44								
	2	44		3	37	63		3	78	79								
	3	44				1			1	1								
2070	1	40			9	20			27	28								
(92)	2	40			17	32	1	1	53	54	1	1	1	1	1	1	5	5
	3	40																
	1	42			7	14			22	23								
	2	42			15	28	1	1	45	47	1	1	1	1	1	1	2	2
	3	42																
	1	44			4	7			13	13								
	2	44			12	23	1	1	36	37			1	1	1	1	1	1
	3	44																
2070	1	40		1	25	46		1	52	55								
(93)	2	40		2	37	57	1	2	71	71					2	2	6	6
	3	40																
	1	42			17	34			44	45								
	2	42		1	35	55		1	67	67					1	1	3	3
	3	42																
	1	44			11	26			30	34								
	2	44		1	29	49		1	62	63							1	1
	3	44																
2070	1	40		4	23	41		4	55	56								
(94)	2	40	2	5	34	60	2	5	73	78							1	1
	3	40			1	1				1								
	1	42		1	15	28		1	41	41								
	2	42	1	5	28	50	1	5	64	67							1	1
	3	42			1	1				1								
	1	44			6	25			30	34								
	2	44	1	5	26	46	1	5	57	58							1	1
	3	44			1	1				1								
2070	1	40			9	21			24	25								
(95)	2	40		2	23	32		2	41	41								
	3	40				1			1	1								
	1	42			7	19			19	22								
	2	42		1	19	27		1	37	37								
	3	42				1			1	1								
	1	44			5	13			9	12								
	2	44		1	14	24		1	28	29								
	3	44				1												

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(18)

City	Liverpool	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			13	28			28	30								
(96)	2	40		2	25	39		2	49	51								
	3	40																
	1	42			8	21			23	26								
	2	42		1	23	36		1	43	44								
	3	42																
	1	44			3	13			13	15								
	2	44		1	16	34		1	35	37								
	3	44																
2070	1	40			24	50			64	68								
(97)	2	40		8	45	70		8	93	93							4	4
	3	40																
	1	42			16	42			42	48								
	2	42		4	42	67		4	86	87							1	1
	3	42																
	1	44			12	27			34	36								
	2	44		2	31	62		2	76	80								
	3	44																
2070	1	40		3	37	62		3	71	72								
(98)	2	40	1	6	55	77	2	7	92	93	1	1	1	1	1	1	3	3
	3	40							2	2								
	1	42		1	22	51		1	58	61								
	2	42	1	5	51	74	2	6	87	89	1	1	1	1	1	1	1	1
	3	42							1	1								
	1	44			10	43			44	54								
	2	44		3	47	68		3	78	81							1	1
	3	44																
2070	1	40			21	39			47	49								
(99)	2	40			35	51			69	70								
	3	40																
	1	42			10	32			37	39								
	2	42			34	47			58	59								
	3	42																
	1	44			3	23			28	32								
	2	44			28	43			51	53								
	3	44																
2070	1	40		3	27	41		3	52	52								
(00)	2	40	1	6	38	54	1	6	69	70							2	2
	3	40																
	1	42		1	19	36		1	46	46								
	2	42	1	5	35	53	1	5	65	66							1	1
	3	42																
	1	44			12	28			27	31								
	2	44	1	4	28	48	1	4	60	60								
	3	44																
2070	1	40	1	3	23	33	1	3	32	35								
(01)	2	40	3	6	30	42	2	5	47	48					1	1	4	4
	3	40																
	1	42		1	16	24		1	26	27								
	2	42	1	4	27	37	1	4	44	46							2	2
	3	42																
	1	44		1	9	16		1	23	23								
	2	44	1	4	24	36	1	4	37	39							1	1
	3	44																

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(18a)

City	Liverpool	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	4	21	48	1	4	52	52								
(90)	2	40	2	7	37	66	2	7	76	76							2	2
	3	40			1	1			3	3								
	1	42	1	3	13	38	1	3	41	41								
	2	42	2	5	35	60	2	5	71	71								
	3	42			1	1			1	1								
	1	44		2	6	32		2	32	32								
	2	44	2	4	30	58	2	4	65	65								
	3	44			1	1												
2070	1	40		3	33	68		3	64	64								
(91)	2	40	2	9	53	86	2	9	88	88	1	1	1	1	1	1	6	6
	3	40				2			3	3								
	1	42		2	20	57		2	56	56								
	2	42	1	9	49	81	1	9	82	82							2	2
	3	42				2			3	3								
	1	44		1	10	46		1	34	34								
	2	44		5	45	76		5	78	78								
	3	44				1			1	1								
2070	1	40			11	28			27	27								
(92)	2	40		2	20	42	1	3	53	53	1	1	1	1	1	1	5	5
	3	40																
	1	42			8	22			22	22								
	2	42		1	17	36	1	2	45	45	1	1	1	1	1	1	2	2
	3	42																
	1	44			5	15			13	13								
	2	44			14	33	1	1	36	36			1	1	1	1	1	1
	3	44																
2070	1	40		1	27	55		1	52	52								
(93)	2	40	1	10	42	65	2	10	71	71					2	2	6	6
	3	40				1												
	1	42		1	18	46		1	44	44								
	2	42		6	36	62		6	67	67					1	1	3	3
	3	42				1												
	1	44			15	35			31	30								
	2	44		2	35	57		2	62	62							1	1
	3	44				1												
2070	1	40		5	26	50		5	55	55								
(94)	2	40	4	6	40	78	4	6	73	73							1	1
	3	40			1	1												
	1	42		4	17	42		4	41	41								
	2	42	2	6	32	70	2	6	64	64							1	1
	3	42			1	1												
	1	44		2	6	31		2	30	30								
	2	44	1	6	28	61	1	6	57	57							1	1
	3	44			1	1												
2070	1	40		1	13	25		1	24	24								
(95)	2	40		4	24	37		4	41	41								
	3	40				1			1	1								
	1	42		1	8	22		1	19	19								
	2	42		3	22	34		3	37	37								
	3	42				1			1	1								
	1	44			5	20			9	9								
	2	44		3	18	32		3	28	28								
	3	44				1												

APPENDIX - 5

(Predicted dangerous days for projected 2070 conditions)

Table - 5(18a)

City	Liverpool	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	16	36		1	28	28								
(96)	2	40		5	29	44		5	49	49								
	3	40																
	1	42		1	8	29		1	23	23								
	2	42		3	25	43		3	43	43								
	3	42																
	1	44			4	22			13	12								
	2	44		3	22	41		3	35	35								
	3	44																
2070	1	40		4	27	66		4	64	64								
(97)	2	40		12	49	85		12	93	93							4	4
	3	40																
	1	42			21	55			43	42								
	2	42		12	45	82		12	86	86							1	1
	3	42																
	1	44			13	44			34	34								
	2	44		10	41	73		10	76	76								
	3	44																
2070	1	40		5	43	73		5	71	71								
(98)	2	40	3	16	61	85	4	17	92	92	1	1	1	1	1	1	3	3
	3	40				2			2	2								
	1	42		3	29	64		3	59	58								
	2	42	2	9	56	83	3	10	87	87	1	1	1	1	1	1	1	1
	3	42				2			1	1								
	1	44		1	14	53		1	44	44								
	2	44	1	7	51	78	1	7	78	78							1	1
	3	44				2												
2070	1	40			24	47			47	47								
(99)	2	40		2	37	66		2	69	69								
	3	40																
	1	42			14	39			37	37								
	2	42		1	35	61		1	58	58								
	3	42																
	1	44			3	33			28	28								
	2	44			33	55			51	51								
	3	44																
2070	1	40		5	28	53		5	52	52								
(00)	2	40	3	16	41	64	3	16	69	69							2	2
	3	40																
	1	42		4	20	44		4	46	46								
	2	42	1	13	39	59	1	13	65	65							1	1
	3	42																
	1	44		1	16	38		1	29	26								
	2	44	1	8	35	55	1	8	60	60								
	3	44																
2070	1	40	1	4	23	37	1	4	32	32								
(01)	2	40	4	8	34	45	3	7	47	47					1	1	4	4
	3	40																
	1	42		3	18	30		3	26	26								
	2	42	2	6	28	43	2	6	44	44							2	2
	3	42																
	1	44		2	11	21		2	23	23								
	2	44	1	5	27	43	1	5	37	37							1	1
	3	44																

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(1)

City	Melbourne	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			4	16			13	17								
(90)	2	40			11	26			25	27								
	3	40			2	9			12	12								
	1	42			1	11			2	11								
	2	42			11	24			24	25								
	3	42			2	9			7	10								
	1	44				5				5								
	2	44			7	23			19	23								
	3	44			2	6			6	8								
2070	1	40			6	14			9	14								
(91)	2	40		5	12	18		5	17	18								
	3	40		1	6	10		1	10	10								
	1	42			5	11			5	11								
	2	42		3	11	17		3	17	17								
	3	42		1	6	9		1	10	10								
	1	44			5	6			5	6								
	2	44		2	8	17		2	13	17								
	3	44		1	5	8		1	10	10								
2070	1	40			1	8			4	9								
(92)	2	40		1	7	15		1	16	16								
	3	40			2	4			5	6								
	1	42			1	4			1	4								
	2	42			3	13			14	14								
	3	42			1	2			3	3								
	1	44			1	1			1	1								
	2	44			1	12			12	13								
	3	44			1	2			3	3								
2070	1	40			4	13			15	16								
(93)	2	40		1	11	23		1	24	24								
	3	40			6	13			17	17								
	1	42			3	11			9	11								
	2	42		1	10	20		1	23	23								
	3	42			4	12			15	16								
	1	44			1	5			4	7								
	2	44			9	19			19	21								
	3	44			4	11			14	15								
2070	1	40			5	13			10	14								
(94)	2	40			11	16			18	19								
	3	40			5	9			7	9								
	1	42			3	10			4	10								
	2	42			9	16			17	18								
	3	42			4	8			7	8								
	1	44			1	5			1	5								
	2	44			6	16			12	18								
	3	44			4	8			7	8								
2070	1	40			3	11			10	11								
(95)	2	40			9	18			18	19								
	3	40			3	10			11	12								
	1	42			1	6			5	7								
	2	42			6	16			14	16								
	3	42			2	8			9	9								
	1	44			1	3			1	3								
	2	44			5	15			13	15								
	3	44			1	7			7	7								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(1)

City	Melbourne	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	5			2	5								
(96)	2	40			3	13			12	13								
	3	40				5			5	6								
	1	42			1	2			1	2								
	2	42			2	13			11	13								
	3	42				3			3	3								
	1	44				1				1								
	2	44			1	7			8	10								
	3	44				3			1	3								
2070	1	40			10	23			16	23								
(97)	2	40		3	16	25		3	25	27								
	3	40			12	14			17	17								
	1	42			7	14			9	14								
	2	42		2	14	25		2	21	26								
	3	42			9	14			15	16								
	1	44			3	11			5	11								
	2	44			13	25			18	25								
	3	44			8	14			13	14								
2070	1	40			10	18			13	18								
(98)	2	40		3	15	26		3	27	28								
	3	40			10	15			17	18								
	1	42			7	15			8	14								
	2	42		2	13	26		2	24	27								
	3	42			8	14			16	17								
	1	44			5	12			5	11								
	2	44		1	13	23		1	17	24								
	3	44			6	13			13	15								
2070	1	40			1	14			10	17								
(99)	2	40			10	18			20	20								
	3	40			4	12			13	13								
	1	42				7			3	7								
	2	42			8	18			19	19								
	3	42			2	12			13	13								
	1	44				3				3								
	2	44			5	17			16	19								
	3	44			1	10			12	12								
2070	1	40			6	23			13	23								
(00)	2	40			16	28			26	28								
	3	40			9	16			17	19								
	1	42			1	10			5	12								
	2	42			11	28			23	27								
	3	42			7	15			17	18								
	1	44				8				8								
	2	44			9	28			21	27								
	3	44			5	13			15	17								
2070	1	40			2	19			11	22								
(01)	2	40			13	25			25	26								
	3	40			6	16			15	16								
	1	42				11			4	12								
	2	42			10	24			24	25								
	3	42			3	13			13	14								
	1	44				3				3								
	2	44			7	23			22	24								
	3	44			3	13			12	14								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(1a)

City	Melbourne	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	24			13	11								
(90)	2	40			13	30			25	25								
	3	40			2	14			12	12								
	1	42			3	22			3	1								
	2	42			11	29			24	24								
	3	42			2	14			7	7								
	1	44				11												
	2	44			11	27			20	19								
	3	44			2	13			6	6								
2070	1	40		3	6	17		3	9	8								
(91)	2	40		5	14	19		5	17	17								
	3	40		2	8	10		2	10	10								
	1	42		1	6	15		1	6	5								
	2	42		5	12	19		5	17	17								
	3	42		2	6	10		2	10	10								
	1	44			5	12			5	3								
	2	44		5	10	19		5	13	13								
	3	44		2	6	10		2	10	10								
2070	1	40			1	13			4	4								
(92)	2	40		1	7	21		1	16	16								
	3	40			2	9			5	5								
	1	42			1	9			1									
	2	42		1	7	19		1	14	14								
	3	42			2	8			3	3								
	1	44			1	7			1									
	2	44		1	3	15		1	12	12								
	3	44			1	8			3	3								
2070	1	40		1	7	20		1	15	15								
(93)	2	40		2	13	25		2	24	24								
	3	40			7	17			17	17								
	1	42			3	17			9	9								
	2	42		1	11	24		1	23	23								
	3	42			6	15			15	15								
	1	44			2	11			5	4								
	2	44		1	10	24		1	19	19								
	3	44			4	14			14	14								
2070	1	40			5	16			10	9								
(94)	2	40		2	13	26		2	18	18								
	3	40			7	11			7	7								
	1	42			4	14			4	2								
	2	42		1	11	24		1	17	17								
	3	42			6	11			7	7								
	1	44			2	11			2									
	2	44			9	19			12	12								
	3	44			4	10			7	7								
2070	1	40			3	16			10	10								
(95)	2	40		1	11	22		1	18	18								
	3	40			5	14			11	11								
	1	42			1	14			5	5								
	2	42		1	9	21		1	14	14								
	3	42			5	14			9	9								
	1	44			1	8			1									
	2	44		1	6	19		1	13	13								
	3	44			2	14			7	7								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(1a)

City	Melbourne	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	13			2	2								
(96)	2	40			5	18			12	12								
	3	40			1	5			5	5								
	1	42			1	6			1	1								
	2	42			4	15			11	11								
	3	42				5			3	3								
	1	44				3												
	2	44			2	15			9	8								
	3	44				5			1	1								
2070	1	40		2	11	25		2	16	16								
(97)	2	40		4	21	32		4	26	25								
	3	40		2	13	19		2	17	17								
	1	42			7	23			9	8								
	2	42		3	16	28		3	21	21								
	3	42		2	13	19		2	15	15								
	1	44			4	16			6	3								
	2	44		3	14	25		3	18	18								
	3	44		1	10	17		1	13	13								
2070	1	40		2	12	26		2	15	12								
(98)	2	40		6	18	33		6	27	27								
	3	40		2	12	19		2	17	17								
	1	42			8	21			9	7								
	2	42		4	15	30		4	25	24								
	3	42		1	11	18		1	16	16								
	1	44			7	15			6	1								
	2	44		3	13	28		3	17	17								
	3	44			9	17			14	12								
2070	1	40			3	18			10	9								
(99)	2	40			14	23			20	20								
	3	40			6	15			13	13								
	1	42				17			3	3								
	2	42			10	21			19	19								
	3	42			4	15			13	13								
	1	44				9												
	2	44			7	19			16	16								
	3	44			3	14			12	12								
2070	1	40			9	28			14	13								
(00)	2	40		1	20	33		1	26	26								
	3	40			10	22			17	17								
	1	42			3	26			6	5								
	2	42			15	30			23	23								
	3	42			10	20			17	17								
	1	44			1	14			1									
	2	44			11	29			21	21								
	3	44			7	19			15	15								
2070	1	40			3	24			11	11								
(01)	2	40			19	28			25	25								
	3	40			9	21			15	15								
	1	42			1	22			5	4								
	2	42			13	28			24	24								
	3	42			7	21			14	13								
	1	44				12												
	2	44			10	25			22	22								
	3	44			5	18			12	12								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(2)

City	Melbourne	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			11	24			24	25								
(90)	2	40			23	30			34	34								
	3	40			3	14			19	19								
	1	42			5	22			15	22								
	2	42			18	30			32	33								
	3	42			3	14			16	17								
	1	44			3	11			6	13								
	2	44			13	27			30	31								
	3	44			2	13			15	16								
2070	1	40		3	11	17		3	17	17								
(91)	2	40	2	5	16	19	2	5	22	22								
	3	40		2	8	10		2	10	10								
	1	42		1	6	15		1	12	15								
	2	42	1	5	14	19	1	5	21	21								
	3	42		2	8	10		2	10	10								
	1	44			5	12			6	12								
	2	44		5	13	19		5	19	20								
	3	44		2	8	10		2	10	10								
2070	1	40			4	14			14	14								
(92)	2	40		1	11	21		1	21	23								
	3	40			2	9			11	11								
	1	42			1	9			8	11								
	2	42		1	9	19		1	20	22								
	3	42			2	8			9	10								
	1	44			1	7			1	7								
	2	44		1	7	15		1	18	18								
	3	44			2	8			9	10								
2070	1	40		1	11	21		1	24	24								
(93)	2	40		2	18	25		2	31	31								
	3	40			8	17			22	22								
	1	42			5	18			17	21								
	2	42		1	14	24		1	29	29								
	3	42			8	15			18	18								
	1	44			3	11			10	12								
	2	44		1	13	24		1	25	26								
	3	44			7	14			18	18								
2070	1	40			10	16			17	18								
(94)	2	40		2	16	26		2	27	28								
	3	40			8	11			12	13								
	1	42			5	15			12	17								
	2	42		1	14	24		1	25	27								
	3	42			7	11			12	13								
	1	44			3	11			4	11								
	2	44			12	19			22	22								
	3	44			7	10			10	11								
2070	1	40			7	17			15	18								
(95)	2	40		1	15	22		1	23	24								
	3	40			6	14			14	14								
	1	42			3	14			10	14								
	2	42		1	13	21		1	20	21								
	3	42			5	14			13	14								
	1	44			1	9			6	9								
	2	44		1	10	19		1	18	20								
	3	44			5	14			13	14								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(2)

City	Melbourne	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			2	13			12	13								
(96)	2	40			7	18			19	20								
	3	40			2	5			6	6								
	1	42			1	6			4	7								
	2	42			5	16			17	18								
	3	42			2	5			6	6								
	1	44			1	4			1	4								
	2	44			5	15			15	16								
	3	44			1	5			6	6								
2070	1	40		3	14	25		3	21	26								
(97)	2	40		4	25	32		4	32	36								
	3	40		2	14	19		2	19	19								
	1	42			11	24			17	24								
	2	42		3	23	29		3	30	31								
	3	42		2	14	19		2	19	19								
	1	44			7	16			13	16								
	2	44		3	18	25		3	28	28								
	3	44		2	14	18		2	18	19								
2070	1	40		2	13	26		2	25	28								
(98)	2	40	1	6	23	33	1	6	32	34								
	3	40		2	12	19		2	20	21								
	1	42			12	21			16	22								
	2	42		4	19	30		4	31	32								
	3	42		1	12	18		1	19	19								
	1	44			8	15			11	16								
	2	44		3	17	28		3	30	31								
	3	44		1	12	17		1	17	18								
2070	1	40			8	18			19	19								
(99)	2	40			18	24			26	26								
	3	40			7	15			16	16								
	1	42			2	17			13	18								
	2	42			17	21			25	26								
	3	42			7	15			16	16								
	1	44				9			4	10								
	2	44			12	19			21	22								
	3	44			7	14			16	16								
2070	1	40			11	28			24	28								
(00)	2	40		1	28	34		1	34	36								
	3	40			11	22			24	25								
	1	42			9	27			19	27								
	2	42			25	30			34	34								
	3	42			11	20			21	21								
	1	44			3	14			9	17								
	2	44			17	29			31	32								
	3	44			11	19			21	21								
2070	1	40			12	24			24	25								
(01)	2	40			22	28			30	31								
	3	40			13	21			22	22								
	1	42			3	22			17	24								
	2	42			21	28			28	29								
	3	42			12	21			21	21								
	1	44			1	12			7	14								
	2	44			19	25			26	26								
	3	44			10	19			19	20								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(2a)

City	Melbourne	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			12	30			24	24								
(90)	2	40		3	24	37		3	34	34								
	3	40		1	7	20		1	19	19								
	1	42			7	26			15	15								
	2	42		3	23	36		3	32	32								
	3	42		1	6	18		1	16	16								
	1	44			4	23			7	4								
	2	44			18	32			30	30								
	3	44			3	17			15	15								
2070	1	40		5	12	19		5	17	17								
(91)	2	40	3	6	17	24	3	6	22	22								
	3	40	1	4	8	10	1	4	10	10								
	1	42		5	9	17		5	12	12								
	2	42	2	5	17	20	2	5	21	21								
	3	42		3	8	10		3	10	10								
	1	44		2	6	16		2	7	6								
	2	44	1	5	14	19	1	5	19	19								
	3	44		3	8	10		3	10	10								
2070	1	40		1	7	19		1	14	14								
(92)	2	40		1	13	26		1	21	21								
	3	40			2	15			11	11								
	1	42			1	15			8	8								
	2	42		1	11	21		1	20	20								
	3	42			2	11			9	9								
	1	44			1	11			1	1								
	2	44		1	9	21		1	18	18								
	3	44			2	10			9	9								
2070	1	40		1	11	24		1	24	24								
(93)	2	40	1	4	20	32	1	4	31	31								
	3	40		2	12	23		2	22	22								
	1	42		1	8	23		1	17	17								
	2	42		3	18	30		3	29	29								
	3	42		2	10	22		2	18	18								
	1	44			4	18			10	10								
	2	44		2	14	27		2	25	25								
	3	44		1	8	21		1	18	18								
2070	1	40		1	11	24		1	17	17								
(94)	2	40		5	16	31		5	27	27								
	3	40		3	8	13		3	12	12								
	1	42			7	16			12	12								
	2	42		3	16	28		3	25	25								
	3	42		3	8	13		3	12	12								
	1	44			5	16			5	2								
	2	44		3	14	26		3	22	22								
	3	44		1	7	12		1	10	10								
2070	1	40		1	9	21		1	15	15								
(95)	2	40		2	16	24		2	23	23								
	3	40			7	16			14	14								
	1	42			4	18			10	10								
	2	42		1	15	24		1	20	20								
	3	42			7	15			13	13								
	1	44			3	15			6	6								
	2	44		1	13	22		1	18	18								
	3	44			5	15			13	13								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(2a)

City	Melbourne	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			4	16			12	12								
(96)	2	40		1	13	22		1	19	19								
	3	40			3	8			6	6								
	1	42			1	13			4	4								
	2	42		1	7	22		1	17	17								
	3	42			3	8			6	6								
	1	44			1	7			1	1								
	2	44		1	5	19		1	15	15								
	3	44			2	7			6	6								
2070	1	40		3	17	29		3	21	21								
(97)	2	40	1	8	25	37	1	8	32	32								
	3	40		5	14	21		5	19	19								
	1	42		3	13	25		3	17	17								
	2	42		7	25	36		7	30	30								
	3	42		4	14	20		4	19	19								
	1	44			8	25			13	13								
	2	44		7	23	34		7	28	28								
	3	44		4	14	19		4	18	18								
2070	1	40		4	15	30		4	26	25								
(98)	2	40	2	8	26	37	2	8	32	32								
	3	40		4	14	22		4	20	20								
	1	42		2	13	26		2	16	15								
	2	42	1	7	23	36	1	7	31	31								
	3	42		3	12	22		3	19	19								
	1	44		1	9	23		1	12	9								
	2	44		6	19	33		6	30	30								
	3	44		2	12	21		2	17	17								
2070	1	40			10	21			19	19								
(99)	2	40			19	30			26	26								
	3	40			10	17			16	16								
	1	42			6	18			13	13								
	2	42			17	26			25	25								
	3	42			8	16			16	16								
	1	44				17			4	4								
	2	44			17	24			21	21								
	3	44			7	16			16	16								
2070	1	40			17	30			24	24								
(00)	2	40		4	28	38		4	34	34								
	3	40		1	13	28		1	24	24								
	1	42			9	28			19	19								
	2	42		2	28	36		2	34	34								
	3	42			13	26			21	21								
	1	44			5	27			10	8								
	2	44		1	25	34		1	31	31								
	3	44			11	26			21	21								
2070	1	40			15	28			24	24								
(01)	2	40		1	24	32		1	30	30								
	3	40			14	22			22	22								
	1	42			6	25			17	17								
	2	42		1	23	32		1	28	28								
	3	42			13	22			21	21								
	1	44			2	22			7	7								
	2	44			21	29			26	26								
	3	44			12	22			19	19								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(3)

City	Melbourne	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			11	26			24	26								
(90)	2	40			23	30			34	34								
	3	40			4	14			19	19								
	1	42			5	22			15	22								
	2	42			22	30			32	33								
	3	42			3	14			16	17								
	1	44			3	12			6	14								
	2	44			13	27			30	31								
	3	44			2	13			15	16								
2070	1	40		4	11	17		4	17	17								
(91)	2	40	2	5	17	19	2	5	22	22								
	3	40		2	8	10		2	10	10								
	1	42		1	6	16		1	12	16								
	2	42	1	5	15	19	1	5	22	22								
	3	42		2	8	10		2	10	10								
	1	44			6	12			8	12								
	2	44		5	14	19		5	20	20								
	3	44		2	8	10		2	10	10								
2070	1	40			4	15			14	15								
(92)	2	40		1	12	21		1	21	23								
	3	40			2	9			11	11								
	1	42			1	9			10	12								
	2	42		1	9	20		1	20	23								
	3	42			2	8			9	10								
	1	44			1	7			1	7								
	2	44		1	7	16		1	18	19								
	3	44			2	8			9	10								
2070	1	40		1	11	22		1	24	24								
(93)	2	40		2	19	26		2	31	31								
	3	40			9	17			22	22								
	1	42			7	18			17	21								
	2	42		2	17	25		2	30	30								
	3	42			8	15			20	20								
	1	44			3	11			10	12								
	2	44		1	13	24		1	25	26								
	3	44			8	14			18	18								
2070	1	40			10	16			18	19								
(94)	2	40		2	16	26		2	27	28								
	3	40			8	12			13	15								
	1	42			5	16			12	18								
	2	42		1	14	24		1	25	27								
	3	42			7	11			12	13								
	1	44			4	11			4	11								
	2	44			13	21			22	22								
	3	44			7	10			12	12								
2070	1	40			7	17			16	18								
(95)	2	40		1	15	22		1	23	24								
	3	40			6	15			14	15								
	1	42			3	15			11	15								
	2	42		1	14	21		1	21	22								
	3	42			5	14			13	14								
	1	44			1	9			6	9								
	2	44		1	10	19		1	19	20								
	3	44			5	14			13	14								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(3)

City	Melbourne	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			2	13			12	13								
(96)	2	40			7	19			19	20								
	3	40			2	5			6	6								
	1	42			1	6			6	8								
	2	42			6	16			18	19								
	3	42			2	5			6	6								
	1	44			1	5			1	5								
	2	44			5	15			16	17								
	3	44			2	5			6	6								
2070	1	40		3	14	25		3	22	27								
(97)	2	40		6	25	33		6	35	38								
	3	40		2	14	19		2	19	19								
	1	42			11	25			18	25								
	2	42		4	23	31		4	31	34								
	3	42		2	14	19		2	19	19								
	1	44			7	17			13	17								
	2	44		3	21	26		3	28	29								
	3	44		2	14	18		2	18	19								
2070	1	40		2	15	26		2	26	28								
(98)	2	40	1	6	23	33	1	6	32	34								
	3	40		2	12	20		2	20	22								
	1	42		1	12	21		1	16	22								
	2	42		5	21	30		5	31	32								
	3	42		1	12	18		1	20	20								
	1	44			8	16			11	16								
	2	44		3	17	29		3	30	31								
	3	44		1	12	18		1	18	18								
2070	1	40			8	18			19	19								
(99)	2	40			18	24			28	28								
	3	40			7	15			16	16								
	1	42			3	17			13	18								
	2	42			17	21			26	26								
	3	42			7	15			16	16								
	1	44				10			4	11								
	2	44			12	20			22	22								
	3	44			7	14			16	16								
2070	1	40			11	28			24	28								
(00)	2	40		1	28	34		1	36	37								
	3	40			11	23			24	25								
	1	42			9	28			20	27								
	2	42		1	27	31		1	34	34								
	3	42			11	21			22	23								
	1	44			3	16			10	18								
	2	44			18	29			31	32								
	3	44			11	19			21	21								
2070	1	40			12	25			24	26								
(01)	2	40			23	28			30	31								
	3	40			13	21			22	22								
	1	42			3	22			18	24								
	2	42			22	28			29	30								
	3	42			13	21			21	21								
	1	44			1	16			7	18								
	2	44			19	25			26	26								
	3	44			11	19			20	20								

APPENDIX - 6

(Predicted dangerous days for projected 2070 conditions)

Table - 6(3a)

City	Melbourne	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			12	30			24	24								
(90)	2	40		4	24	37		4	34	34								
	3	40		1	8	20		1	19	19								
	1	42			7	27			15	15								
	2	42		3	23	36		3	32	32								
	3	42		1	6	18		1	16	16								
	1	44			4	23			7	5								
	2	44		1	22	32		1	30	30								
	3	44			3	18			15	15								
2070	1	40		5	13	19		5	17	17								
(91)	2	40	3	6	17	24	3	6	22	22								
	3	40	1	4	8	10	1	4	10	10								
	1	42		5	9	18		5	12	12								
	2	42	2	6	17	20	2	6	22	22								
	3	42	1	3	8	10	1	3	10	10								
	1	44		2	6	17		2	8	7								
	2	44	1	5	15	20	1	5	20	20								
	3	44		3	8	10		3	10	10								
2070	1	40		1	7	20		1	14	14								
(92)	2	40		1	13	27		1	21	21								
	3	40			2	15			11	11								
	1	42		1	1	15		1	10	10								
	2	42		1	13	22		1	20	20								
	3	42			2	11			9	9								
	1	44			1	12			1	1								
	2	44		1	9	21		1	18	18								
	3	44			2	10			9	9								
2070	1	40		2	12	25		2	24	24								
(93)	2	40	1	4	20	33	1	4	31	31								
	3	40		2	12	23		2	22	22								
	1	42		1	8	23		1	17	17								
	2	42		3	20	30		3	30	30								
	3	42		2	11	22		2	20	20								
	1	44			4	19			10	10								
	2	44		2	17	27		2	25	25								
	3	44		1	8	21		1	18	18								
2070	1	40		1	11	24		1	18	18								
(94)	2	40		5	16	31		5	27	27								
	3	40		4	8	13		4	13	13								
	1	42			7	16			12	12								
	2	42		4	16	28		4	25	25								
	3	42		3	8	13		3	12	12								
	1	44			5	16			5	4								
	2	44		3	14	26		3	22	22								
	3	44		2	7	12		2	12	12								
2070	1	40		1	10	21		1	16	16								
(95)	2	40		3	17	24		3	23	23								
	3	40			8	16			14	14								
	1	42			5	18			11	11								
	2	42		1	15	24		1	21	21								
	3	42			7	15			13	13								
	1	44			3	15			6	6								
	2	44		1	14	23		1	19	19								
	3	44			5	15			13	13								

APPENDIX - 6

(Predicted dangerous days for projected 2070 conditions)

Table - 6(3a)

City	Melbourne	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	16			12	12								
(96)	2	40		1	13	22		1	19	19								
	3	40			3	8			6	6								
	1	42			1	14			6	6								
	2	42		1	8	22		1	18	18								
	3	42			3	8			6	6								
	1	44			1	7			1	1								
	2	44		1	6	20		1	16	16								
	3	44			2	7			6	6								
2070	1	40		4	18	31		4	23	22								
(97)	2	40	2	8	25	37	2	8	35	35								
	3	40		6	14	21		6	19	19								
	1	42		3	14	25		3	18	18								
	2	42		7	25	36		7	31	31								
	3	42		4	14	20		4	19	19								
	1	44			9	25			13	13								
	2	44		7	23	34		7	28	28								
	3	44		4	14	19		4	18	18								
2070	1	40		5	16	30		5	26	26								
(98)	2	40	2	9	26	37	2	9	32	32								
	3	40		4	14	22		4	20	20								
	1	42		3	13	27		3	16	15								
	2	42	1	7	23	36	1	7	31	31								
	3	42		3	12	22		3	20	20								
	1	44		1	10	23		1	13	9								
	2	44		6	21	34		6	30	30								
	3	44		3	12	22		3	18	18								
2070	1	40			11	21			19	19								
(99)	2	40			19	30			28	28								
	3	40			11	17			16	16								
	1	42			6	19			13	13								
	2	42			17	27			26	26								
	3	42			10	16			16	16								
	1	44				17			4	4								
	2	44			17	24			22	22								
	3	44			7	16			16	16								
2070	1	40		1	17	31		1	24	24								
(00)	2	40		5	28	39		5	36	36								
	3	40		1	14	28		1	24	24								
	1	42			9	28			20	20								
	2	42		3	28	36		3	34	34								
	3	42		1	13	28		1	22	22								
	1	44			5	27			10	10								
	2	44		1	27	35		1	31	31								
	3	44			11	26			21	21								
2070	1	40			17	28			24	24								
(01)	2	40		2	24	33		2	30	30								
	3	40			14	22			22	22								
	1	42			6	25			18	18								
	2	42		1	23	32		1	29	29								
	3	42			13	22			21	21								
	1	44			2	23			7	7								
	2	44			22	30			26	26								
	3	44			13	22			20	20								

APPENDIX - 6

(Predicted dangerous days for projected 2070 conditions)

Table - 6(4)

City	Melbourne	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		7	31	41		7	48	49							2	2
(90)	2	40	6	18	39	52	7	16	65	66	5	5	7	8	13	15	35	37
	3	40	1	3	20	31	5	6	41	41	3	4	7	7	8	9	33	42
	1	42		3	27	37		3	39	39								
	2	42	3	12	37	46	3	12	57	59					6	7	19	19
	3	42	1	2	18	29	2	3	40	40			3	4	7	7	21	26
	1	44			23	32			34	35								
	2	44	1	11	35	46	1	11	54	55							12	12
	3	44		2	18	27		2	40	40					4	4	11	11
2070	1	40	5	8	20	29	5	8	29	30					2	2	6	6
(91)	2	40	7	15	25	37	7	14	51	51	6	6	7	7	9	10	19	21
	3	40	4	8	11	22	4	8	33	34	5	5	5	7	9	12	21	25
	1	42	5	6	19	24	5	6	26	27							4	4
	2	42	7	14	25	36	6	13	45	45	3	4	4	4	7	7	14	14
	3	42	3	8	11	19	4	8	26	28	5	5	5	5	6	7	15	15
	1	44	3	5	17	19	3	5	24	24								
	2	44	5	11	21	31	5	11	37	37			2	2	5	5	12	12
	3	44	3	6	11	18	4	6	24	25	3	4	5	5	5	5	10	12
2070	1	40	1	1	23	31	1	1	34	34								
(92)	2	40	6	13	28	40	1	8	50	51	1	2	1	2	3	3	27	28
	3	40		2	15	24		2	31	31			1	2	7	8	27	32
	1	42	1	1	16	26	1	1	31	31								
	2	42	5	11	26	36	1	7	41	43					1	2	14	14
	3	42		2	14	24		2	29	29						1	14	17
	1	44		1	13	21		1	22	23								
	2	44	1	4	23	31	1	4	38	38							4	4
	3	44		2	12	22		2	28	28							5	6
2070	1	40	2	8	25	37	2	8	45	45	1	1	1	1	3	3	10	10
(93)	2	40	4	13	35	47	12	16	62	62	11	12	14	14	21	21	34	34
	3	40	2	8	23	34	11	13	42	42	12	13	15	17	19	20	32	37
	1	42	1	4	24	32	1	4	40	40							3	3
	2	42	4	12	32	44	9	12	61	61	9	9	11	11	13	13	24	24
	3	42	2	6	23	31	10	11	42	42	9	9	9	10	16	17	23	26
	1	44		2	20	27		2	33	33							1	1
	2	44	3	11	27	41	7	11	53	53	4	4	5	5	9	9	19	19
	3	44	2	6	22	29	5	7	40	40	6	6	8	8	10	11	20	20
2070	1	40	1	6	27	39	1	6	46	46							2	2
(94)	2	40	8	16	33	53	7	15	60	60	5	5	7	9	15	17	30	32
	3	40	4	7	16	29	5	8	42	43	3	7	5	8	12	16	32	41
	1	42		5	21	33		5	35	37								
	2	42	6	13	32	48	4	11	59	59			1	1	4	5	19	19
	3	42	3	7	14	28	3	7	38	38	1	2	2	5	5	8	23	26
	1	44		2	16	26		2	29	29								
	2	44	3	10	29	46	3	10	56	57							11	11
	3	44	3	6	13	26	3	6	33	33	1	1	1	1	2	4	14	15
2070	1	40	1	4	22	28	1	4	31	33							5	5
(95)	2	40	5	13	25	34	8	14	44	44	7	7	10	10	14	14	27	29
	3	40	1	5	17	23	3	5	30	30	6	7	9	9	18	18	29	34
	1	42	1	2	18	24	1	2	29	29							1	1
	2	42	2	10	24	34	3	10	41	41	1	1	4	4	8	8	17	17
	3	42		5	15	21	1	4	28	28	1	1	3	3	8	8	23	26
	1	44		1	16	22		1	23	24								
	2	44	2	7	23	32	1	6	40	40					3	3	12	12
	3	44		4	15	20		3	27	27	1	1	1	1	2	2	17	17

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(Predicted dangerous days for projected 2070 conditions)

Table - 6(4)

City	Melbourne	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	18	27		1	31	31							1	1
(96)	2	40	1	5	22	34	1	5	45	45	1	1	1	1	2	2	17	18
	3	40		2	9	17		2	22	22					2	3	9	14
	1	42		1	15	22		1	24	25								
	2	42	1	5	22	31	1	5	40	41					1	1	9	11
	3	42		1	8	16		1	21	21							5	7
	1	44		1	9	19		1	21	21								
	2	44	1	3	21	31	1	3	36	37					1	1	2	2
	3	44			8	14			21	21							2	3
2070	1	40	4	13	33	44	4	13	46	48					1	1	10	10
(97)	2	40	11	24	39	52	13	23	60	60	5	8	8	10	16	17	32	37
	3	40	7	14	21	35	10	14	40	42	9	12	11	14	17	19	28	35
	1	42	3	8	26	38	3	8	41	42							3	3
	2	42	8	18	38	48	9	18	52	53	3	3	4	4	9	10	22	22
	3	42	5	13	21	34	8	13	37	39	5	6	7	10	12	14	22	25
	1	44		7	25	33		7	35	38								
	2	44	7	14	35	47	7	14	50	50	1	1	1	1	4	4	17	17
	3	44	4	13	21	32	6	13	35	36	2	2	3	3	8	10	19	20
2070	1	40	6	13	33	39	5	12	42	43							7	7
(98)	2	40	10	18	37	44	12	18	51	51	4	7	7	11	12	17	27	29
	3	40	5	12	22	29	7	13	34	35	3	7	4	10	10	16	25	30
	1	42	3	8	28	37	3	8	37	38							2	2
	2	42	8	16	36	41	9	15	45	46	2	2	4	5	8	9	20	21
	3	42	3	12	22	27	4	12	34	35	2	3	3	5	5	10	20	25
	1	44	1	6	24	33	1	6	32	34								
	2	44	7	15	34	40	6	14	44	44					4	4	14	14
	3	44	3	10	22	25	4	10	32	32	1	1	2	2	3	5	15	19
2070	1	40		5	24	37		5	43	43							3	3
(99)	2	40	5	18	33	49	5	15	60	61	2	2	7	7	15	17	36	37
	3	40		7	18	28	1	8	40	40	4	4	6	9	18	23	43	43
	1	42			20	30			36	36								
	2	42	2	12	29	46	1	10	55	56			1	1	8	8	22	23
	3	42		6	17	26		6	38	38			2	2	9	10	32	34
	1	44			19	25			28	28								
	2	44		7	27	45		7	50	52					1	1	12	12
	3	44		4	16	24		4	36	36					1	1	22	23
2070	1	40	1	8	37	48	1	8	48	50							6	6
(00)	2	40	9	28	42	55	9	25	66	67	7	8	10	13	16	19	36	41
	3	40	3	11	29	35	6	13	46	46	8	11	8	13	20	23	37	43
	1	42		4	31	39		4	42	43							1	1
	2	42	8	20	39	52	6	16	59	59	1	1	4	4	8	9	26	26
	3	42	1	10	29	35	3	11	42	42	3	4	7	8	10	13	30	34
	1	44		1	28	34		1	37	38								
	2	44	2	11	38	51	1	10	53	55					4	4	14	14
	3	44		9	27	35	1	9	40	40	1	1	1	1	6	7	22	22
2070	1	40		4	29	38		4	38	39							6	6
(01)	2	40	2	20	35	46	7	21	53	53	6	7	7	8	12	14	32	32
	3	40		12	23	31	6	14	37	37	7	8	7	9	9	15	34	37
	1	42		1	26	33		1	35	35								
	2	42	1	16	33	45	5	18	47	47	3	3	5	5	9	9	23	23
	3	42		9	23	30	3	11	35	35	3	3	3	3	7	9	26	30
	1	44			23	28			30	31								
	2	44		11	33	42	1	12	43	43	2	2	2	2	4	4	15	15
	3	44		6	23	30	3	8	31	32	3	3	3	3	6	6	12	14

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(Predicted dangerous days for projected 2070 conditions)

Table - 6(4a)

City	Melbourne	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		12	33	46		12	48	48						1	2	2
(90)	2	40	8	31	40	58	8	30	65	65	5	29	7	37	13	46	35	35
	3	40	1	15	22	39	5	16	41	41	3	29	7	37	8	51	33	33
	1	42		7	28	40		7	39	39								
	2	42	4	25	39	55	4	25	57	57		12		20	6	30	19	19
	3	42	1	14	21	39	2	15	40	40		18	3	25	7	37	21	21
	1	44		4	26	38		4	34	34								
	2	44	3	22	37	52	3	22	54	54		4		7		13	12	12
	3	44	1	9	20	35	1	9	40	40		8		14	4	25	11	11
2070	1	40	5	13	20	36	5	13	29	29		1		4	2	5	6	6
(91)	2	40	8	21	28	46	7	20	51	51	6	20	7	21	9	38	19	19
	3	40	5	10	11	28	5	10	33	33	5	19	5	28	9	44	21	21
	1	42	5	9	19	29	5	9	26	26							4	4
	2	42	7	19	25	44	6	18	45	45	3	13	4	14	7	20	14	14
	3	42	4	10	11	28	4	10	26	26	5	11	5	16	6	30	15	15
	1	44	4	6	17	25	4	6	24	24								
	2	44	6	16	25	39	6	16	37	37		7	2	9	5	13	12	12
	3	44	4	10	11	26	4	10	24	24	3	9	5	11	5	16	10	10
2070	1	40	1	7	23	36	1	7	34	34						1		
(92)	2	40	6	26	31	45	1	22	50	50	1	15	1	21	3	34	27	27
	3	40	1	11	18	30	1	11	31	31		20	1	29	7	46	27	27
	1	42	1	3	18	30	1	3	31	31								
	2	42	5	17	28	43	1	13	41	41		7		9	1	19	14	14
	3	42		8	15	28		8	29	29		10		17		29	14	14
	1	44		1	15	27		1	22	22								
	2	44	1	9	26	42	1	9	38	38		1		2		7	4	4
	3	44		4	15	25		4	28	28		2		9		19	5	5
2070	1	40	2	12	27	43	2	12	45	45	1	1	1	1	3	4	10	10
(93)	2	40	7	25	37	61	12	26	62	62	11	26	14	29	21	45	34	34
	3	40	2	20	24	39	11	22	42	42	12	32	15	41	19	55	32	32
	1	42	1	8	24	38	1	8	40	40							3	3
	2	42	4	20	35	56	9	20	61	61	9	15	11	19	13	26	24	24
	3	42	2	17	24	38	10	19	42	42	9	23	9	29	16	41	23	23
	1	44	1	4	21	34	1	4	33	33							1	1
	2	44	4	18	31	50	8	18	53	53	4	7	5	8	9	14	19	19
	3	44	2	13	23	35	5	13	40	40	6	14	8	18	10	29	20	20
2070	1	40	3	11	28	48	3	11	46	46						3	2	2
(94)	2	40	9	28	38	58	8	26	60	60	5	24	7	30	15	51	30	30
	3	40	4	14	19	37	5	16	42	42	3	29	5	35	12	59	32	32
	1	42		9	25	40		9	35	35								
	2	42	7	18	33	57	5	16	59	59		12	1	15	4	25	19	19
	3	42	4	11	19	35	4	11	38	38	1	13	2	22	5	39	23	23
	1	44		5	16	31		5	29	29								
	2	44	4	16	32	53	4	16	56	56		4		8		12	11	11
	3	44	4	10	14	33	4	10	33	33	1	9	1	11	2	20	14	14
2070	1	40	1	10	22	34	1	10	31	31				1		1	5	5
(95)	2	40	6	21	27	41	8	22	44	44	7	22	10	27	14	36	27	27
	3	40	1	15	17	28	3	16	30	30	6	23	9	31	18	39	29	29
	1	42	1	5	20	29	1	5	29	29							1	1
	2	42	4	16	24	37	4	16	41	41	1	11	4	15	8	23	17	17
	3	42	1	15	17	27	2	15	28	28	1	15	3	19	8	30	23	23
	1	44		3	17	24		3	23	23								
	2	44	2	14	24	36	1	14	40	40		3		4	3	11	12	12
	3	44		9	16	24		9	27	27	1	8	1	14	2	19	17	17

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(Predicted dangerous days for projected 2070 conditions)

Table - 6(4a)

City	Melbourne	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	5	19	31	1	5	31	31						1	1	1
(96)	2	40	1	16	27	41	1	16	45	45	1	15	1	21	2	32	17	17
	3	40		5	10	24		5	22	22		15		21	2	34	9	9
	1	42		1	15	29		1	24	24								
	2	42	1	12	22	39	1	12	40	40		5		5	1	16	9	9
	3	42		5	9	22		5	21	21		7		9		24	5	5
	1	44		1	13	22		1	21	21								
	2	44	1	6	22	34	1	6	36	36		1		1	1	5	2	2
	3	44		5	8	20		5	21	21		3		5		10	2	2
2070	1	40	7	18	35	48	7	18	46	46		2		3	1	9	10	10
(97)	2	40	12	30	43	57	14	30	60	60	5	26	8	34	16	49	32	32
	3	40	7	20	22	37	10	20	40	40	9	30	11	35	17	53	28	28
	1	42	3	14	27	45	3	14	41	41							3	3
	2	42	10	25	39	57	10	25	52	52	3	19	4	23	9	29	22	22
	3	42	7	19	22	37	9	19	37	37	5	19	7	22	12	36	22	22
	1	44	3	10	25	39	3	10	35	35								
	2	44	8	24	38	55	8	24	50	50	1	11	1	14	4	19	17	17
	3	44	6	15	21	36	7	15	35	35	2	14	3	17	8	23	19	19
2070	1	40	7	16	33	41	6	15	42	42		1		4		6	7	7
(98)	2	40	13	30	39	51	14	30	51	51	4	29	7	36	12	43	27	27
	3	40	5	23	23	38	7	23	34	34	3	25	4	33	10	48	25	25
	1	42	4	12	30	39	4	12	37	37							2	2
	2	42	10	27	37	50	11	27	45	45	2	18	4	20	8	33	20	20
	3	42	5	19	23	37	6	19	34	34	2	21	3	23	5	35	20	20
	1	44	2	9	26	37	2	9	32	32								
	2	44	8	21	36	46	7	21	44	44		11		13	4	18	14	14
	3	44	4	16	22	36	5	16	32	32	1	14	2	17	3	23	15	15
2070	1	40		10	25	46		10	43	43							3	3
(99)	2	40	7	27	39	58	5	24	60	60	2	21	7	28	15	47	36	36
	3	40		18	20	39	1	19	40	40	4	23	6	34	18	57	43	43
	1	42		6	22	41		6	36	36								
	2	42	3	21	31	56	2	19	55	55		11	1	17	8	25	22	22
	3	42		15	19	37		15	38	38		17	2	19	9	36	32	32
	1	44		1	19	31		1	28	28								
	2	44		17	29	52		17	50	50		4		6	1	11	12	12
	3	44		13	17	33		13	36	36		11		13	1	20	22	22
2070	1	40	1	16	38	52	1	16	48	48				1		4	6	6
(00)	2	40	12	39	46	67	11	37	66	66	7	31	10	37	16	49	36	36
	3	40	4	30	30	47	7	29	46	46	8	34	8	38	20	59	37	37
	1	42		8	32	48		8	42	42							1	1
	2	42	9	31	42	63	7	28	59	59	1	18	4	26	8	30	26	26
	3	42	4	25	30	42	5	25	42	42	3	26	7	30	10	38	30	30
	1	44		5	28	40		5	37	37								
	2	44	5	28	39	58	4	27	53	53		8		10	4	18	14	14
	3	44	1	21	29	39	1	20	40	40	1	14	1	19	6	29	22	22
2070	1	40		16	30	45		16	38	38						1	6	6
(01)	2	40	4	30	38	58	8	30	53	53	6	27	7	30	12	44	32	32
	3	40	1	23	25	45	6	24	37	37	7	28	7	34	9	56	34	34
	1	42		6	28	40		6	35	35								
	2	42	2	25	34	54	5	26	47	47	3	20	5	24	9	29	23	23
	3	42		21	24	41	3	22	35	35	3	23	3	24	7	34	26	26
	1	44		2	24	34		2	30	30								
	2	44	1	22	33	48	2	22	43	43	2	6	2	12	4	20	15	15
	3	44		17	23	37	3	18	31	31	3	15	3	19	6	25	12	12

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(Predicted dangerous days for projected 2070 conditions)

Table - 6(5)

City	Melbourne	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	12			6	14								
(90)	2	40			11	24			24	25								
	3	40			2	7			7	8								
	1	42				7				7								
	2	42			7	23			20	23								
	3	42			2	6			5	7								
	1	44				4				4								
	2	44			5	22			14	22								
	3	44			1	3			5	5								
2070	1	40			6	13			8	13								
(91)	2	40		3	11	17		3	17	17								
	3	40		1	5	8		1	10	10								
	1	42			5	9			5	9								
	2	42		2	8	17		2	13	17								
	3	42			5	8			9	9								
	1	44			5	6			5	6								
	2	44		1	6	15		1	12	15								
	3	44			5	8			7	8								
2070	1	40			1	7			2	8								
(92)	2	40			3	13			14	14								
	3	40			1	2			3	3								
	1	42			1	1			1	1								
	2	42			1	13			12	13								
	3	42			1	2			3	3								
	1	44			1	1			1	1								
	2	44			1	9			8	11								
	3	44			1	2			2	2								
2070	1	40			3	12			10	13								
(93)	2	40		1	10	20		1	23	23								
	3	40			4	12			14	15								
	1	42			2	8			8	9								
	2	42			9	20			19	22								
	3	42			4	10			14	14								
	1	44			1	4			2	5								
	2	44			5	17			17	20								
	3	44			2	8			11	11								
2070	1	40			4	11			5	11								
(94)	2	40			9	16			17	18								
	3	40			4	8			7	8								
	1	42			2	7			2	7								
	2	42			7	16			12	18								
	3	42			4	8			7	8								
	1	44				5				5								
	2	44			5	14			12	16								
	3	44			4	8			6	8								
2070	1	40			1	10			7	10								
(95)	2	40			6	16			14	16								
	3	40			2	8			8	8								
	1	42			1	5			2	5								
	2	42			5	15			13	15								
	3	42			1	7			7	7								
	1	44			1	3			1	3								
	2	44			3	14			10	14								
	3	44			1	6			7	7								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(5)

City	Melbourne	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	5			1	5								
(96)	2	40			2	13			11	13								
	3	40				3			3	3								
	1	42				1			1	1								
	2	42			1	8			8	10								
	3	42				3			1	3								
	1	44				1				1								
	2	44			1	6			4	7								
	3	44				2			1	2								
2070	1	40			8	18			13	18								
(97)	2	40		1	14	25		1	21	26								
	3	40			8	14			15	16								
	1	42			5	14			6	14								
	2	42			13	25			18	25								
	3	42			8	14			13	14								
	1	44			3	9			3	9								
	2	44			11	23			17	23								
	3	44			7	14			13	14								
2070	1	40			8	16			11	16								
(98)	2	40		2	13	26		2	24	27								
	3	40			8	14			16	17								
	1	42			7	13			7	12								
	2	42		1	13	23		1	17	24								
	3	42			6	12			12	14								
	1	44			3	9			3	9								
	2	44			12	21			16	22								
	3	44			5	12			10	14								
2070	1	40				10			5	12								
(99)	2	40			8	18			19	19								
	3	40			1	11			13	13								
	1	42				6			1	6								
	2	42			6	17			16	19								
	3	42				9			11	11								
	1	44																
	2	44			2	17			12	18								
	3	44				7			8	9								
2070	1	40			4	16			10	18								
(00)	2	40			11	28			23	27								
	3	40			7	14			16	17								
	1	42			1	8			2	8								
	2	42			9	28			21	27								
	3	42			5	13			13	15								
	1	44				5				5								
	2	44			9	27			18	27								
	3	44			4	11			12	12								
2070	1	40			1	16			7	18								
(01)	2	40			10	24			24	25								
	3	40			3	13			13	14								
	1	42				6			3	7								
	2	42			7	23			23	24								
	3	42			2	12			12	13								
	1	44				2				2								
	2	44			3	22			17	24								
	3	44			1	12			9	13								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(5a)

City	Melbourne	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			4	23			7	5								
(90)	2	40			12	29			24	24								
	3	40			2	13			7	7								
	1	42			1	13			1									
	2	42			11	27			21	20								
	3	42			2	13			5	5								
	1	44				11												
	2	44			7	26			14	13								
	3	44			2	10			5	5								
2070	1	40		2	6	17		2	8	7								
(91)	2	40		5	12	19		5	17	17								
	3	40		2	6	10		2	10	10								
	1	42			5	14			5	5								
	2	42		5	10	19		5	13	13								
	3	42		2	6	10		2	9	9								
	1	44			5	10			5									
	2	44		4	8	17		4	12	12								
	3	44		1	5	10		1	7	7								
2070	1	40			1	13			2	2								
(92)	2	40		1	7	19		1	14	14								
	3	40			2	8			3	3								
	1	42			1	7			1									
	2	42		1	4	15		1	12	12								
	3	42			1	8			3	3								
	1	44			1	3			1									
	2	44			1	15			8	8								
	3	44			1	6			2	2								
2070	1	40			4	20			10	10								
(93)	2	40		1	11	24		1	23	23								
	3	40			6	14			14	14								
	1	42			3	13			9	7								
	2	42		1	11	24		1	19	19								
	3	42			4	14			14	14								
	1	44			2	9			3	2								
	2	44		1	8	22		1	17	17								
	3	44			4	13			11	11								
2070	1	40			5	16			6	5								
(94)	2	40			11	24			17	17								
	3	40			6	11			7	7								
	1	42			3	13			3									
	2	42			10	19			12	12								
	3	42			4	10			7	7								
	1	44			1	9			1									
	2	44			7	16			12	12								
	3	44			4	10			6	6								
2070	1	40			3	15			7	7								
(95)	2	40		1	9	20		1	14	14								
	3	40			4	14			8	8								
	1	42			1	11			2	2								
	2	42		1	6	19		1	13	13								
	3	42			2	13			7	7								
	1	44			1	5			1									
	2	44			4	17			10	10								
	3	44			1	10			7	7								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(5a)

City	Melbourne	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	8			1	1								
(96)	2	40			4	15			11	11								
	3	40				5			3	3								
	1	42			1	5			1	1								
	2	42			2	15			9	8								
	3	42				5			1	1								
	1	44				2												
	2	44			1	13			4	4								
	3	44				5			1	1								
2070	1	40			10	25			13	13								
(97)	2	40		3	17	27		3	21	21								
	3	40		2	12	18		2	15	15								
	1	42			7	21			7	4								
	2	42		3	14	25		3	18	18								
	3	42			9	16			13	13								
	1	44			4	14			4	1								
	2	44		3	13	25		3	17	17								
	3	44			8	14			13	13								
2070	1	40		1	10	23		1	13	9								
(98)	2	40		4	15	30		4	25	24								
	3	40		1	10	18		1	16	15								
	1	42			7	18			7	4								
	2	42		3	13	28		3	17	17								
	3	42			9	17			14	11								
	1	44			4	12			4									
	2	44		2	13	26		2	16	14								
	3	44			6	15			11	10								
2070	1	40			1	17			6	5								
(99)	2	40			10	21			19	19								
	3	40			4	14			13	13								
	1	42				13			1	1								
	2	42			7	19			16	16								
	3	42			3	13			11	11								
	1	44				7												
	2	44			6	18			12	12								
	3	44			1	13			8	8								
2070	1	40			5	27			10	10								
(00)	2	40			17	30			23	23								
	3	40			9	19			16	16								
	1	42			1	19			2	2								
	2	42			11	29			21	21								
	3	42			7	18			13	13								
	1	44				10												
	2	44			9	28			18	18								
	3	44			5	18			12	12								
2070	1	40			2	23			7	7								
(01)	2	40			15	28			24	24								
	3	40			6	21			14	13								
	1	42				18			3	3								
	2	42			12	25			23	23								
	3	42			5	17			12	12								
	1	44				9												
	2	44			6	25			17	17								
	3	44			3	16			9	9								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(6)

City	Melbourne	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			16	28			30	31								
(90)	2	40		3	26	36		3	37	38								
	3	40		1	9	18		1	19	19								
	1	42			11	24			24	25								
	2	42		1	24	32		1	35	35								
	3	42			9	18			19	19								
	1	44			5	22			15	22								
	2	44			23	30			34	34								
	3	44			6	15			19	19								
2070	1	40		5	14	19		5	21	21								
(91)	2	40	5	6	17	22	5	6	26	27							2	2
	3	40	1	3	10	10	1	3	11	11							1	1
	1	42		3	11	17		3	17	17								
	2	42	3	5	17	20	3	5	24	24								
	3	42	1	3	8	10	1	3	10	10								
	1	44		1	6	15		1	12	15								
	2	44	2	5	17	19	2	5	22	22								
	3	44	1	2	8	10	1	2	10	10								
2070	1	40		1	7	17		1	18	20								
(92)	2	40	1	1	16	24	1	1	29	29								
	3	40			4	12			16	17								
	1	42			4	14			14	14								
	2	42		1	14	22		1	26	26								
	3	42			2	11			14	14								
	1	44			1	9			8	11								
	2	44		1	11	21		1	21	23								
	3	44			2	9			12	12								
2070	1	40		1	13	24		1	27	27								
(93)	2	40	1	3	23	30	1	3	37	37							2	2
	3	40		2	14	22		2	23	23							2	2
	1	42		1	11	21		1	24	24								
	2	42	1	3	20	27	1	3	33	33							1	1
	3	42		1	13	21		1	22	22							1	1
	1	44			5	18			17	21								
	2	44		2	18	26		2	31	31								
	3	44		1	11	17		1	22	22								
2070	1	40			13	22			23	24								
(94)	2	40		4	16	29		4	33	35								
	3	40		3	8	13		3	18	18								
	1	42			10	16			18	19								
	2	42		3	16	27		3	29	30								
	3	42		1	8	12		1	16	16								
	1	44			5	15			12	17								
	2	44		2	16	26		2	27	28								
	3	44			8	12			14	16								
2070	1	40		1	11	19		1	20	20								
(95)	2	40		1	18	24		1	28	28								
	3	40			10	15			17	17								
	1	42			7	17			15	18								
	2	42		1	16	23		1	23	24								
	3	42			8	15			15	16								
	1	44			3	14			10	14								
	2	44		1	15	22		1	23	24								
	3	44			7	15			15	16								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(6)

City	Melbourne	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	15			17	17								
(96)	2	40		1	13	22		1	23	24								
	3	40			5	8			10	10								
	1	42			2	13			12	13								
	2	42		1	13	20		1	22	22								
	3	42			3	7			9	9								
	1	44			1	6			4	7								
	2	44			7	18			19	20								
	3	44			3	6			6	6								
2070	1	40		3	23	26		3	29	30								
(97)	2	40	3	7	26	37	3	7	40	40							1	1
	3	40		4	14	21		4	23	24							1	1
	1	42		3	14	25		3	22	27								
	2	42	1	7	26	35	1	7	37	39								
	3	42		4	14	19		4	19	19								
	1	44			11	24			17	24								
	2	44		5	25	33		5	34	38								
	3	44		2	14	19		2	19	19								
2070	1	40		4	18	30		4	30	32								
(98)	2	40	2	7	26	36	2	7	33	36							1	1
	3	40		3	15	22		3	21	22								
	1	42		2	13	26		2	26	28								
	2	42	2	6	26	34	2	6	33	35								
	3	42		2	14	22		2	20	22								
	1	44			12	21			16	22								
	2	44	1	6	23	33	1	6	32	34								
	3	44		2	12	21		2	20	22								
2070	1	40			15	21			23	24								
(99)	2	40			19	28			34	34								
	3	40			12	16			20	20								
	1	42			8	18			19	19								
	2	42			19	26			31	31								
	3	42			11	16			18	18								
	1	44			2	17			13	18								
	2	44			18	24			27	27								
	3	44			10	16			17	17								
2070	1	40			21	30			31	32								
(00)	2	40		3	30	37		3	40	40								
	3	40			15	27			30	30								
	1	42			11	28			24	28								
	2	42		1	28	36		1	37	38								
	3	42			15	26			28	28								
	1	44			9	27			19	27								
	2	44		1	28	34		1	34	36								
	3	44			13	25			24	26								
2070	1	40			19	27			26	27								
(01)	2	40		1	25	32		1	34	35								
	3	40			15	22			25	25								
	1	42			12	24			24	25								
	2	42			24	32			32	34								
	3	42			14	22			23	24								
	1	44			3	22			17	24								
	2	44			23	28			30	31								
	3	44			13	21			22	22								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(6a)

City	Melbourne	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	22	32		1	30	30								
(90)	2	40		7	27	40		7	37	37								
	3	40		2	13	22		2	19	19								
	1	42			12	30			24	24								
	2	42		5	26	39		5	35	35								
	3	42		1	10	22		1	19	19								
	1	44			7	26			15	15								
	2	44		4	24	37		4	34	34								
	3	44		1	9	21		1	19	19								
2070	1	40	1	5	16	20	1	5	21	21								
(91)	2	40	5	8	19	29	5	8	26	26							2	2
	3	40	2	5	10	12	2	5	11	11							1	1
	1	42		5	12	19		5	17	17								
	2	42	5	6	18	27	5	6	24	24								
	3	42	1	5	10	10	1	5	10	10								
	1	44		5	9	17		5	12	12								
	2	44	3	6	17	24	3	6	22	22								
	3	44	1	4	10	10	1	4	10	10								
2070	1	40		1	9	21		1	18	18								
(92)	2	40	1	1	17	30	1	1	29	29								
	3	40		1	7	19		1	16	16								
	1	42		1	7	19		1	14	14								
	2	42	1	1	16	29	1	1	26	26								
	3	42		1	7	18		1	14	14								
	1	44		1	1	15		1	8	8								
	2	44		1	13	26		1	21	21								
	3	44			2	15			12	12								
2070	1	40		3	18	27		3	27	27								
(93)	2	40	1	8	24	37	1	8	37	37							2	2
	3	40		3	15	26		3	23	23							2	2
	1	42		2	11	25		2	24	24								
	2	42	1	4	23	34	1	4	33	33							1	1
	3	42		2	14	24		2	22	22							1	1
	1	44		1	8	23		1	17	17								
	2	44	1	4	20	32	1	4	31	31								
	3	44		2	12	23		2	22	22								
2070	1	40		3	16	27		3	23	23								
(94)	2	40		6	21	38		6	33	33								
	3	40		4	10	20		4	18	18								
	1	42		1	11	24		1	18	18								
	2	42		5	16	35		5	29	29								
	3	42		4	10	19		4	16	16								
	1	44			7	16			12	12								
	2	44		5	16	31		5	27	27								
	3	44		4	8	15		4	14	14								
2070	1	40		1	14	23		1	20	20								
(95)	2	40	1	4	19	28	1	4	28	28								
	3	40		1	13	17		1	17	17								
	1	42		1	9	21		1	15	15								
	2	42		3	18	26		3	23	23								
	3	42		1	11	17		1	15	15								
	1	44			4	18			10	10								
	2	44		3	16	24		3	23	23								
	3	44		1	8	17		1	15	15								

APPENDIX - 6

(Predicted dangerous days for projected 2070 conditions)

Table - 6(6a)

City	Melbourne	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	6	20		1	17	17								
(96)	2	40		1	15	27		1	23	23								
	3	40			5	11			10	10								
	1	42			5	16			12	12								
	2	42		1	13	24		1	22	22								
	3	42			5	10			9	9								
	1	44			1	13			4	4								
	2	44		1	13	22		1	19	19								
	3	44			5	9			6	6								
2070	1	40		7	25	34		7	29	29								
(97)	2	40	3	13	27	44	3	13	40	40							1	1
	3	40	1	7	16	23	1	7	23	23							1	1
	1	42		4	17	30		4	22	22								
	2	42	3	11	26	40	3	11	37	37								
	3	42		7	14	22		7	19	19								
	1	44		3	13	25		3	17	17								
	2	44	1	8	25	37	1	8	34	34								
	3	44		7	14	22		7	19	19								
2070	1	40		6	21	34		6	30	30								
(98)	2	40	3	12	29	39	3	12	33	33							1	1
	3	40		6	16	23		6	21	21								
	1	42		4	16	30		4	26	26								
	2	42	3	11	26	39	3	11	33	33								
	3	42		5	15	23		5	20	20								
	1	44		2	13	26		2	16	15								
	2	44	2	8	26	37	2	8	32	32								
	3	44		5	15	23		5	20	20								
2070	1	40			17	25			23	23								
(99)	2	40		5	21	37		5	34	34								
	3	40			13	19			20	20								
	1	42			11	21			19	19								
	2	42		2	19	35		2	31	31								
	3	42			13	18			18	18								
	1	44			6	18			13	13								
	2	44			19	30			27	27								
	3	44			12	17			17	17								
2070	1	40		1	28	36		1	31	31								
(00)	2	40		8	31	47		8	40	40								
	3	40		5	18	30		5	30	30								
	1	42			17	30			24	24								
	2	42		8	28	41		8	37	37								
	3	42		4	18	29		4	28	28								
	1	44			9	28			19	19								
	2	44		5	28	38		5	34	34								
	3	44		3	15	28		3	24	24								
2070	1	40			22	32			26	26								
(01)	2	40		6	25	38		6	34	34								
	3	40		2	17	25		2	25	25								
	1	42			17	28			24	24								
	2	42		3	25	37		3	32	32								
	3	42		1	17	24		1	23	23								
	1	44			6	25			17	17								
	2	44		1	24	33		1	30	30								
	3	44			14	22			22	22								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(7)

City	Melbourne	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	12			6	14								
(90)	2	40			11	24			24	25								
	3	40			2	8			7	9								
	1	42				7				7								
	2	42			7	23			20	23								
	3	42			2	6			5	7								
	1	44				4				4								
	2	44			5	22			14	22								
	3	44			1	3			5	5								
2070	1	40			6	13			8	13								
(91)	2	40		3	11	17		3	17	17								
	3	40		1	5	8		1	10	10								
	1	42			5	9			5	9								
	2	42		2	8	17		2	13	17								
	3	42		1	5	8		1	9	9								
	1	44			5	6			5	6								
	2	44		1	6	15		1	12	15								
	3	44			5	8			7	8								
2070	1	40			1	7			2	8								
(92)	2	40			3	13			14	14								
	3	40			1	2			3	3								
	1	42			1	1			1	1								
	2	42			1	13			12	13								
	3	42			1	2			3	3								
	1	44			1	1			1	1								
	2	44			1	9			8	11								
	3	44			1	2			2	2								
2070	1	40			3	12			10	13								
(93)	2	40		1	10	20		1	23	23								
	3	40			4	12			14	15								
	1	42			2	8			8	9								
	2	42			9	20			19	22								
	3	42			4	11			14	15								
	1	44			1	4			2	5								
	2	44			5	17			17	20								
	3	44			2	8			11	11								
2070	1	40			4	11			5	11								
(94)	2	40			9	16			17	18								
	3	40			4	8			7	8								
	1	42			2	7			2	7								
	2	42			7	16			12	18								
	3	42			4	8			7	8								
	1	44				5				5								
	2	44			5	14			12	16								
	3	44			4	8			6	8								
2070	1	40			1	10			7	10								
(95)	2	40			6	16			14	16								
	3	40			2	8			9	9								
	1	42			1	5			2	5								
	2	42			5	15			13	15								
	3	42			1	7			7	7								
	1	44			1	3			1	3								
	2	44			3	14			10	14								
	3	44			1	6			7	7								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(7)

City	Melbourne	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	5			1	5								
(96)	2	40			2	13			11	13								
	3	40				3			3	3								
	1	42				1			1	1								
	2	42			1	8			8	10								
	3	42				3			1	3								
	1	44				1				1								
	2	44			1	6			4	7								
	3	44				2			1	2								
2070	1	40			8	18			13	18								
(97)	2	40		2	14	25		2	21	26								
	3	40			8	14			15	16								
	1	42			5	14			6	14								
	2	42			13	25			18	25								
	3	42			8	14			13	14								
	1	44			3	9			3	9								
	2	44			11	23			17	23								
	3	44			7	14			13	14								
2070	1	40			8	16			11	16								
(98)	2	40		2	13	26		2	24	27								
	3	40			8	14			16	17								
	1	42			7	13			7	12								
	2	42		1	13	23		1	17	24								
	3	42			6	12			12	14								
	1	44			3	9			3	9								
	2	44			12	21			16	22								
	3	44			5	12			10	14								
2070	1	40				10			5	12								
(99)	2	40			8	18			19	19								
	3	40			1	11			13	13								
	1	42				6			1	6								
	2	42			6	17			16	19								
	3	42				9			11	11								
	1	44																
	2	44			2	17			12	18								
	3	44				7			8	9								
2070	1	40			4	16			10	18								
(00)	2	40			11	28			23	27								
	3	40			7	14			17	18								
	1	42			1	8			2	8								
	2	42			9	28			21	27								
	3	42			5	13			13	15								
	1	44				5				5								
	2	44			9	27			18	27								
	3	44			4	11			12	12								
2070	1	40			1	16			7	18								
(01)	2	40			10	24			24	25								
	3	40			3	13			13	14								
	1	42				6			3	7								
	2	42			7	23			23	24								
	3	42			2	12			12	13								
	1	44				2				2								
	2	44			3	22			17	24								
	3	44			1	12			9	13								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(7a)

City	Melbourne	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			4	23			7	5								
(90)	2	40			12	29			24	24								
	3	40			2	13			7	7								
	1	42			1	13			1									
	2	42			11	27			21	20								
	3	42			2	13			5	5								
	1	44				11												
	2	44			7	26			14	13								
	3	44			2	10			5	5								
2070	1	40		2	6	17		2	8	7								
(91)	2	40		5	12	19		5	17	17								
	3	40		2	6	10		2	10	10								
	1	42			5	14			5	5								
	2	42		5	10	19		5	13	13								
	3	42		2	6	10		2	9	9								
	1	44			5	10			5									
	2	44		5	8	17		5	12	12								
	3	44		1	5	10		1	7	7								
2070	1	40			1	13			2	2								
(92)	2	40		1	7	19		1	14	14								
	3	40			2	8			3	3								
	1	42			1	7			1									
	2	42		1	4	15		1	12	12								
	3	42			1	8			3	3								
	1	44			1	3			1									
	2	44			1	15			8	8								
	3	44			1	7			2	2								
2070	1	40			4	20			10	10								
(93)	2	40		1	11	24		1	23	23								
	3	40			6	15			14	14								
	1	42			3	13			9	7								
	2	42		1	11	24		1	19	19								
	3	42			4	14			14	14								
	1	44			2	9			3	2								
	2	44		1	8	22		1	17	17								
	3	44			4	13			11	11								
2070	1	40			5	16			6	5								
(94)	2	40		1	11	24		1	17	17								
	3	40			6	11			7	7								
	1	42			3	13			3									
	2	42			10	19			12	12								
	3	42			4	10			7	7								
	1	44			1	9			1									
	2	44			7	16			12	12								
	3	44			4	10			6	6								
2070	1	40			3	15			7	7								
(95)	2	40		1	9	21		1	14	14								
	3	40			4	14			9	9								
	1	42			1	11			2	2								
	2	42		1	6	19		1	13	13								
	3	42			2	13			7	7								
	1	44			1	5			1									
	2	44			4	17			10	10								
	3	44			1	11			7	7								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(7a)

City	Melbourne	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	8			1	1								
(96)	2	40			4	15			11	11								
	3	40				5			3	3								
	1	42			1	5			1	1								
	2	42			2	15			9	8								
	3	42				5			1	1								
	1	44				2												
	2	44			1	13			4	4								
	3	44				5			1	1								
2070	1	40			10	25			13	13								
(97)	2	40		3	17	28		3	21	21								
	3	40		2	12	18		2	15	15								
	1	42			7	21			7	4								
	2	42		3	14	25		3	18	18								
	3	42		1	9	17		1	13	13								
	1	44			4	14			4	1								
	2	44		3	13	25		3	17	17								
	3	44			8	14			13	13								
2070	1	40		1	10	23		1	13	9								
(98)	2	40		4	15	30		4	25	24								
	3	40		1	10	18		1	16	15								
	1	42			7	18			7	4								
	2	42		3	13	28		3	17	17								
	3	42			9	17			14	11								
	1	44			4	12			4									
	2	44		2	13	26		2	16	14								
	3	44			6	15			11	10								
2070	1	40			1	17			6	5								
(99)	2	40			10	21			19	19								
	3	40			4	15			13	13								
	1	42				13			1	1								
	2	42			7	19			16	16								
	3	42			3	14			11	11								
	1	44				7												
	2	44			6	18			12	12								
	3	44			1	13			8	8								
2070	1	40			5	27			10	10								
(00)	2	40			17	30			23	23								
	3	40			9	20			17	17								
	1	42			1	19			2	2								
	2	42			11	29			21	21								
	3	42			7	18			13	13								
	1	44				10												
	2	44			9	28			18	18								
	3	44			5	18			12	12								
2070	1	40			2	23			7	7								
(01)	2	40			15	28			24	24								
	3	40			6	21			14	13								
	1	42				18			3	3								
	2	42			12	25			23	23								
	3	42			5	17			12	12								
	1	44				9												
	2	44			6	25			17	17								
	3	44			3	17			9	9								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(8)

City	Melbourne	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	22			15	22								
(90)	2	40			13	28			30	31								
	3	40			2	13			13	14								
	1	42			3	12			7	14								
	2	42			12	27			25	28								
	3	42			2	12			13	14								
	1	44				7				7								
	2	44			11	24			24	25								
	3	44			2	9			9	10								
2070	1	40		1	7	16		1	12	16								
(91)	2	40		5	14	19		5	20	20								
	3	40		2	8	10		2	10	10								
	1	42			6	13			8	13								
	2	42		5	12	19		5	17	19								
	3	42		1	6	10		1	10	10								
	1	44			5	9			5	9								
	2	44		3	11	17		3	17	17								
	3	44		1	6	10		1	10	10								
2070	1	40			1	11			11	13								
(92)	2	40		1	7	16		1	18	19								
	3	40			2	8			9	10								
	1	42			1	7			3	8								
	2	42		1	7	15		1	16	16								
	3	42			2	7			8	8								
	1	44			1	1			1	1								
	2	44			4	13			14	14								
	3	44			2	4			4	5								
2070	1	40			7	18			17	21								
(93)	2	40		1	13	24		1	26	27								
	3	40			7	14			17	18								
	1	42			3	12			11	13								
	2	42		1	11	24		1	24	25								
	3	42			6	13			17	17								
	1	44			2	8			8	9								
	2	44		1	11	20		1	24	24								
	3	44			5	13			15	16								
2070	1	40			6	16			12	18								
(94)	2	40			13	21			22	22								
	3	40			7	10			9	10								
	1	42			4	11			5	11								
	2	42			11	18			20	20								
	3	42			6	10			8	10								
	1	44			2	7			2	7								
	2	44			10	16			17	18								
	3	44			5	8			7	8								
2070	1	40			4	15			12	15								
(95)	2	40		1	11	19		1	19	20								
	3	40			5	13			13	14								
	1	42			1	10			7	10								
	2	42			9	18			18	19								
	3	42			5	11			12	12								
	1	44			1	5			2	5								
	2	44			6	17			15	18								
	3	44			2	10			9	11								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(8)

City	Melbourne	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	7			7	9								
(96)	2	40			5	15			16	17								
	3	40			1	5			6	6								
	1	42			1	5			1	5								
	2	42			4	14			13	14								
	3	42				5			5	6								
	1	44				1			1	1								
	2	44			2	13			12	13								
	3	44				5			5	6								
2070	1	40			11	25			18	25								
(97)	2	40		3	21	26		3	28	29								
	3	40		1	13	17		1	18	19								
	1	42			8	18			13	18								
	2	42		3	17	25		3	26	27								
	3	42			13	14			17	17								
	1	44			5	14			6	14								
	2	44		3	14	25		3	21	26								
	3	44			10	14			17	17								
2070	1	40		1	13	23		1	16	24								
(98)	2	40		3	18	29		3	30	31								
	3	40			12	17			17	18								
	1	42			8	16			11	16								
	2	42		3	15	28		3	27	29								
	3	42			11	15			17	18								
	1	44			7	13			7	12								
	2	44		2	13	26		2	25	28								
	3	44			10	15			17	18								
2070	1	40			3	17			13	18								
(99)	2	40			14	21			22	23								
	3	40			7	14			16	16								
	1	42				10			6	12								
	2	42			10	19			20	21								
	3	42			4	13			13	14								
	1	44				6			1	6								
	2	44			8	18			19	19								
	3	44			3	12			13	13								
2070	1	40			9	28			20	27								
(00)	2	40			20	29			31	32								
	3	40			10	18			20	21								
	1	42			4	16			10	18								
	2	42			17	29			26	29								
	3	42			10	18			19	21								
	1	44			1	8			2	8								
	2	44			11	28			24	27								
	3	44			8	15			17	18								
2070	1	40			4	22			19	24								
(01)	2	40			19	25			26	26								
	3	40			10	17			18	18								
	1	42			1	16			8	18								
	2	42			15	25			25	26								
	3	42			7	17			16	18								
	1	44				6			3	7								
	2	44			12	24			24	25								
	3	44			6	15			14	15								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(8a)

City	Melbourne	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			7	27			15	15								
(90)	2	40		1	22	32		1	30	30								
	3	40			3	17			13	13								
	1	42			4	23			8	6								
	2	42			16	30			25	25								
	3	42			2	14			13	13								
	1	44			1	13			1									
	2	44			12	30			24	24								
	3	44			2	14			9	9								
2070	1	40		5	9	19		5	12	12								
(91)	2	40	1	5	16	20	1	5	20	20								
	3	40		3	8	10		3	10	10								
	1	42		3	6	17		3	8	7								
	2	42		5	14	19		5	17	17								
	3	42		2	8	10		2	10	10								
	1	44			5	14			5	5								
	2	44		5	12	19		5	17	17								
	3	44		2	8	10		2	10	10								
2070	1	40		1	3	15		1	11	11								
(92)	2	40		1	9	21		1	18	18								
	3	40			2	9			9	9								
	1	42			1	13			3	3								
	2	42		1	7	21		1	16	16								
	3	42			2	9			8	8								
	1	44			1	7			1									
	2	44		1	7	19		1	14	14								
	3	44			2	8			4	4								
2070	1	40		1	8	24		1	17	17								
(93)	2	40		2	18	27		2	26	26								
	3	40		1	8	21		1	17	17								
	1	42			4	20			11	11								
	2	42		2	13	26		2	24	24								
	3	42		1	7	17		1	17	17								
	1	44			3	13			9	7								
	2	44		1	11	24		1	24	24								
	3	44			6	16			15	15								
2070	1	40			9	18			12	12								
(94)	2	40		3	16	27		3	22	22								
	3	40			7	12			9	9								
	1	42			5	16			6	5								
	2	42		2	13	26		2	20	20								
	3	42			7	12			8	8								
	1	44			3	13			3									
	2	44		1	11	24		1	17	17								
	3	44			7	11			7	7								
2070	1	40			5	18			12	12								
(95)	2	40		1	14	23		1	19	19								
	3	40			5	15			13	13								
	1	42			3	16			7	7								
	2	42		1	11	22		1	18	18								
	3	42			5	15			12	12								
	1	44			1	11			2	2								
	2	44		1	9	21		1	15	15								
	3	44			5	14			9	9								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(8a)

City	Melbourne	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	14			7	7								
(96)	2	40		1	6	20		1	16	16								
	3	40			2	7			6	6								
	1	42			1	8			1	1								
	2	42			5	18			13	13								
	3	42			2	5			5	5								
	1	44			1	5			1	1								
	2	44			4	16			12	12								
	3	44			1	5			5	5								
2070	1	40		3	14	25		3	18	18								
(97)	2	40		7	25	34		7	28	28								
	3	40		3	14	19		3	18	18								
	1	42			10	25			13	13								
	2	42		4	21	33		4	26	26								
	3	42		2	14	19		2	17	17								
	1	44			7	21			7	4								
	2	44		3	17	29		3	21	21								
	3	44		2	13	19		2	17	17								
2070	1	40		3	13	28		3	16	16								
(98)	2	40		6	21	34		6	30	30								
	3	40		2	12	21		2	17	17								
	1	42		1	10	24		1	13	9								
	2	42		6	18	33		6	27	27								
	3	42		2	12	20		2	17	17								
	1	44			7	18			7	4								
	2	44		4	15	30		4	26	25								
	3	44		1	12	18		1	17	17								
2070	1	40			6	19			13	13								
(99)	2	40			17	25			22	22								
	3	40			7	16			16	16								
	1	42			1	17			7	6								
	2	42			14	23			20	20								
	3	42			7	15			13	13								
	1	44				13			1	1								
	2	44			10	21			19	19								
	3	44			6	15			13	13								
2070	1	40			9	29			20	20								
(00)	2	40		1	28	35		1	31	31								
	3	40			11	26			20	20								
	1	42			5	27			10	10								
	2	42		1	20	34		1	26	26								
	3	42			11	25			19	19								
	1	44			1	19			2	2								
	2	44			17	30			24	24								
	3	44			10	21			17	17								
2070	1	40			6	25			19	19								
(01)	2	40			22	30			26	26								
	3	40			12	22			18	18								
	1	42			2	23			8	8								
	2	42			19	28			25	25								
	3	42			10	21			16	16								
	1	44				18			3	3								
	2	44			15	28			24	24								
	3	44			8	21			14	14								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(9)

City	Melbourne	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			7	23			19	23								
(90)	2	40			16	28			30	31								
	3	40			2	13			15	16								
	1	42			3	13			11	15								
	2	42			12	27			28	30								
	3	42			2	12			13	14								
	1	44				9				9								
	2	44			11	26			24	26								
	3	44			2	9			12	12								
2070	1	40		2	8	17		2	12	17								
(91)	2	40		5	14	19		5	21	21								
	3	40		2	8	10		2	10	10								
	1	42			6	13			9	13								
	2	42		5	13	19		5	19	20								
	3	42		2	8	10		2	10	10								
	1	44			5	10			5	10								
	2	44		4	11	17		4	17	17								
	3	44		1	6	10		1	10	10								
2070	1	40			1	12			12	13								
(92)	2	40		1	8	17		1	19	21								
	3	40			2	8			9	10								
	1	42			1	7			3	8								
	2	42		1	7	15		1	18	18								
	3	42			2	7			9	9								
	1	44			1	3			1	3								
	2	44			4	15			16	16								
	3	44			2	5			6	6								
2070	1	40			9	19			19	21								
(93)	2	40		1	13	24		1	27	27								
	3	40			7	14			18	18								
	1	42			4	13			13	15								
	2	42		1	12	24		1	25	26								
	3	42			6	14			17	18								
	1	44			2	8			8	9								
	2	44		1	11	22		1	24	24								
	3	44			6	13			17	17								
2070	1	40			6	16			12	18								
(94)	2	40			13	23			24	25								
	3	40			7	10			12	12								
	1	42			5	12			9	12								
	2	42			11	19			21	21								
	3	42			7	10			9	10								
	1	44			2	9			2	9								
	2	44			10	16			18	19								
	3	44			6	10			8	10								
2070	1	40			4	15			13	15								
(95)	2	40		1	11	20		1	20	20								
	3	40			5	14			13	14								
	1	42			2	10			7	10								
	2	42		1	10	19		1	18	20								
	3	42			5	12			13	14								
	1	44			1	5			2	5								
	2	44			7	17			16	18								
	3	44			5	10			11	12								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(9)

City	Melbourne	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	7			8	10								
(96)	2	40			5	15			17	17								
	3	40			1	5			6	6								
	1	42			1	5			1	5								
	2	42			5	15			14	15								
	3	42			1	5			5	6								
	1	44			1	1			1	1								
	2	44			2	13			12	13								
	3	44				5			5	6								
2070	1	40			13	25			18	25								
(97)	2	40		3	23	26		3	29	30								
	3	40		2	14	18		2	18	19								
	1	42			8	19			15	19								
	2	42		3	18	25		3	27	28								
	3	42			13	15			17	18								
	1	44			6	14			8	14								
	2	44		3	14	25		3	23	27								
	3	44			13	14			17	17								
2070	1	40		1	13	23		1	17	24								
(98)	2	40		4	18	30		4	30	32								
	3	40		1	12	17		1	18	18								
	1	42			9	17			12	17								
	2	42		3	16	28		3	28	30								
	3	42			12	16			17	18								
	1	44			7	13			7	12								
	2	44		2	15	26		2	26	28								
	3	44			10	15			17	18								
2070	1	40			5	17			16	19								
(99)	2	40			15	21			23	24								
	3	40			7	14			16	16								
	1	42				11			8	14								
	2	42			11	19			21	22								
	3	42			6	13			16	16								
	1	44				6			1	6								
	2	44			8	18			19	19								
	3	44			4	12			13	13								
2070	1	40			9	28			21	27								
(00)	2	40			23	30			33	33								
	3	40			11	19			21	21								
	1	42			4	17			12	19								
	2	42			17	29			29	31								
	3	42			10	18			20	21								
	1	44			1	8			3	9								
	2	44			12	28			25	28								
	3	44			10	17			17	19								
2070	1	40			6	23			22	24								
(01)	2	40			21	27			26	27								
	3	40			10	19			20	20								
	1	42			1	18			9	20								
	2	42			18	25			25	26								
	3	42			8	17			18	18								
	1	44				8			3	9								
	2	44			12	25			24	26								
	3	44			6	16			15	16								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(9a)

City	Melbourne	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			11	27			20	19								
(90)	2	40		1	22	33		1	30	30								
	3	40			3	18			15	15								
	1	42			5	23			12	10								
	2	42			16	32			28	28								
	3	42			3	14			13	13								
	1	44			2	16			2									
	2	44			12	30			24	24								
	3	44			2	14			12	12								
2070	1	40		5	10	19		5	12	12								
(91)	2	40	1	5	16	20	1	5	21	21								
	3	40		3	8	10		3	10	10								
	1	42		3	6	17		3	9	8								
	2	42		5	14	19		5	19	19								
	3	42		2	8	10		2	10	10								
	1	44			5	14			5	5								
	2	44		5	13	19		5	17	17								
	3	44		2	8	10		2	10	10								
2070	1	40		1	3	15		1	12	12								
(92)	2	40		1	11	21		1	19	19								
	3	40			2	10			9	9								
	1	42			1	13			3	3								
	2	42		1	9	21		1	18	18								
	3	42			2	9			9	9								
	1	44			1	8			1									
	2	44		1	7	20		1	16	16								
	3	44			2	8			6	6								
2070	1	40		1	10	24		1	19	19								
(93)	2	40		3	18	28		3	27	27								
	3	40		1	8	21		1	18	18								
	1	42			4	20			13	13								
	2	42		2	14	26		2	25	25								
	3	42		1	8	17		1	17	17								
	1	44			3	13			9	8								
	2	44		2	12	25		2	24	24								
	3	44			7	17			17	17								
2070	1	40			9	19			12	12								
(94)	2	40		3	16	27		3	24	24								
	3	40		1	7	12		1	12	12								
	1	42			5	16			9	8								
	2	42		2	13	26		2	21	21								
	3	42			7	12			9	9								
	1	44			3	13			3									
	2	44		1	11	24		1	18	18								
	3	44			7	11			8	8								
2070	1	40		1	5	19		1	13	13								
(95)	2	40		1	15	23		1	20	20								
	3	40			5	15			13	13								
	1	42			3	16			7	7								
	2	42		1	12	22		1	18	18								
	3	42			5	15			13	13								
	1	44			1	11			2	2								
	2	44		1	10	21		1	16	16								
	3	44			5	14			11	11								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(9a)

City	Melbourne	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	15			8	8								
(96)	2	40		1	7	21		1	17	17								
	3	40			2	7			6	6								
	1	42			1	11			1	1								
	2	42			5	19			14	14								
	3	42			2	6			5	5								
	1	44			1	5			1	1								
	2	44			5	17			12	12								
	3	44			1	5			5	5								
2070	1	40		3	14	25		3	18	18								
(97)	2	40		7	25	34		7	29	29								
	3	40		4	14	19		4	18	18								
	1	42			11	25			15	15								
	2	42		6	23	33		6	27	27								
	3	42		2	14	19		2	17	17								
	1	44			7	23			8	7								
	2	44		4	18	31		4	24	23								
	3	44		2	13	19		2	17	17								
2070	1	40		3	13	28		3	17	17								
(98)	2	40	1	6	23	34	1	6	30	30								
	3	40		2	12	22		2	18	18								
	1	42		1	11	24		1	14	10								
	2	42		6	18	33		6	28	28								
	3	42		2	12	21		2	17	17								
	1	44			8	18			8	4								
	2	44		5	16	30		5	26	26								
	3	44		2	12	19		2	17	17								
2070	1	40			7	19			16	16								
(99)	2	40			17	26			23	23								
	3	40			7	16			16	16								
	1	42			1	18			9	8								
	2	42			16	23			21	21								
	3	42			7	15			16	16								
	1	44				14			1	1								
	2	44			11	22			19	19								
	3	44			7	15			13	13								
2070	1	40			9	29			21	21								
(00)	2	40		1	28	36		1	33	33								
	3	40			11	26			21	21								
	1	42			6	27			12	12								
	2	42		1	25	34		1	29	29								
	3	42			11	25			20	20								
	1	44			1	22			3	3								
	2	44		1	17	31		1	25	25								
	3	44			10	22			17	17								
2070	1	40			9	25			22	22								
(01)	2	40			22	32			26	26								
	3	40			12	22			20	20								
	1	42			3	23			9	9								
	2	42			20	28			25	25								
	3	42			11	21			18	18								
	1	44			1	19			4	3								
	2	44			17	28			24	24								
	3	44			10	21			15	15								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(10)

City	Melbourne	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	24	33		1	35	35								
(90)	2	40		7	31	41		7	48	49							3	3
	3	40		2	14	22		2	29	30							4	4
	1	42			20	30			32	33								
	2	42		5	29	40		5	41	41								
	3	42		1	13	22		1	25	26							1	1
	1	44			11	26			25	27								
	2	44		4	27	37		4	39	39								
	3	44		1	13	21		1	23	23								
2070	1	40	3	5	17	20	3	5	24	24								
(91)	2	40	5	8	20	29	5	8	29	30					2	2	6	6
	3	40	2	5	10	13	2	5	21	21					1	1	4	4
	1	42	1	5	14	19	1	5	21	21								
	2	42	5	6	19	27	5	6	28	29							5	5
	3	42	2	5	10	11	2	5	20	20							4	4
	1	44		5	11	17		5	17	17								
	2	44	5	6	19	24	5	6	26	27							4	4
	3	44	2	4	10	11	2	4	15	15							3	3
2070	1	40		1	14	22		1	26	26								
(92)	2	40	1	1	23	31	1	1	34	34							1	1
	3	40		1	8	19		1	23	23								
	1	42		1	9	19		1	20	22								
	2	42	1	1	19	30	1	1	31	31								
	3	42		1	8	18		1	19	19								
	1	44		1	6	15		1	16	16								
	2	44	1	1	16	26	1	1	31	31								
	3	44			8	15			19	19								
2070	1	40	1	3	20	27	1	3	33	33							1	1
(93)	2	40	2	8	25	37	3	8	45	45	1	1	1	1	4	4	10	10
	3	40		3	17	26	1	3	32	32	1	1	2	2	3	3	9	9
	1	42		2	15	25		2	29	29								
	2	42	1	4	24	34	1	4	41	42					1	1	8	8
	3	42		2	16	24	1	2	29	29					2	2	5	5
	1	44		1	11	23		1	24	24								
	2	44	1	4	24	32	1	4	40	40							3	3
	3	44		2	15	23		2	27	27					1	1	3	3
2070	1	40		3	16	27		3	29	30								
(94)	2	40	2	6	27	39	2	6	46	46							2	2
	3	40		4	11	19		4	26	26							2	2
	1	42		1	14	24		1	25	27								
	2	42		5	26	36		5	42	42								
	3	42		4	11	19		4	23	25								
	1	44			11	16			18	19								
	2	44		5	21	33		5	35	37								
	3	44		4	10	18		4	21	22								
2070	1	40		1	16	23		1	23	24								
(95)	2	40	1	4	22	28	1	4	31	33							5	5
	3	40		1	14	17		1	27	27							2	2
	1	42		1	13	21		1	21	22								
	2	42	1	3	20	26	1	3	29	30							2	2
	3	42		1	14	17		1	23	23								
	1	44			9	18			17	18								
	2	44	1	3	19	24	1	3	29	29							1	1
	3	44		1	14	17		1	21	21								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(10)

City	Melbourne	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	13	21		1	22	22								
(96)	2	40		1	18	27		1	31	31							1	1
	3	40			5	11			14	15								
	1	42			5	16			18	19								
	2	42		1	15	24		1	27	28							1	1
	3	42			5	10			12	13								
	1	44			3	13			12	13								
	2	44		1	15	22		1	24	25								
	3	44			5	9			10	10								
2070	1	40	1	7	26	35	1	7	37	39								
(97)	2	40	4	13	33	44	4	13	46	48					1	1	12	12
	3	40	2	7	19	23	2	7	29	29					1	1	9	9
	1	42		4	23	30		4	30	32								
	2	42	3	11	28	40	3	11	42	44							7	7
	3	42	2	7	18	22	2	7	27	28							7	7
	1	44		3	16	25		3	25	27								
	2	44	3	8	26	38	3	8	41	42							3	3
	3	44	1	7	17	22	1	7	25	26							2	2
2070	1	40	2	6	26	34	2	6	33	35								
(98)	2	40	6	13	33	39	5	12	43	43							7	7
	3	40	1	6	18	23	1	6	28	28							2	2
	1	42		4	20	30		4	31	32								
	2	42	4	11	30	39	4	11	41	42							5	5
	3	42	1	5	18	23	1	5	26	26							2	2
	1	44		2	15	26		2	27	28								
	2	44	3	8	28	37	3	8	37	38							2	2
	3	44		5	17	23		5	25	25							1	1
2070	1	40			19	27			31	31								
(99)	2	40		5	24	37		5	44	44							3	3
	3	40			15	19			28	28								
	1	42			17	21			25	26								
	2	42		2	22	35		2	37	39							1	1
	3	42			15	18			25	25								
	1	44			10	18			20	20								
	2	44			20	30			36	36								
	3	44			14	17			23	23								
2070	1	40		1	28	36		1	37	38								
(00)	2	40	1	8	37	48	1	8	48	50							6	6
	3	40		5	22	30		5	34	34							5	5
	1	42			27	30			34	34								
	2	42		8	33	42		8	45	46							2	2
	3	42		4	20	30		4	32	32							2	2
	1	44			13	28			26	28								
	2	44		5	32	39		5	43	44							1	1
	3	44		3	19	30		3	31	31							1	1
2070	1	40			24	32			32	34								
(01)	2	40		6	29	38		6	39	40							7	7
	3	40		2	21	25		2	30	30			2	2	3	3	5	5
	1	42			22	28			28	29								
	2	42		3	29	37		3	36	38							3	3
	3	42		1	21	24		1	29	29							3	3
	1	44			13	25			25	26								
	2	44		1	26	34		1	35	36								
	3	44			18	23			28	28							2	2

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(10a)

City	Melbourne	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		5	26	39		5	35	35								
(90)	2	40	1	12	33	50	1	12	48	48						1	3	3
	3	40		2	15	29		2	29	29				1		1	4	4
	1	42		3	23	36		3	32	32								
	2	42		11	31	46		11	41	41								
	3	42		2	14	27		2	25	25							1	1
	1	44			13	30			25	25								
	2	44		9	28	42		9	39	39								
	3	44		2	14	24		2	23	23								
2070	1	40	5	6	18	27	5	6	24	24								
(91)	2	40	5	13	21	36	5	13	29	29		2		5	2	5	6	6
	3	40	2	8	10	19	2	8	21	21		2		3	1	5	4	4
	1	42	2	5	17	20	2	5	21	21								
	2	42	5	11	19	33	5	11	28	28						3	5	5
	3	42	2	6	10	18	2	6	20	20		1		2		3	4	4
	1	44		5	13	19		5	17	17								
	2	44	5	9	19	30	5	9	26	26							4	4
	3	44	2	6	10	18	2	6	15	15						2	3	3
2070	1	40	1	1	16	29	1	1	26	26								
(92)	2	40	1	7	23	36	1	7	34	34						1	1	1
	3	40		2	9	24		2	23	23						1		
	1	42		1	12	22		1	20	20								
	2	42	1	6	23	32	1	6	31	31								
	3	42		2	9	22		2	19	19								
	1	44		1	7	21		1	16	16								
	2	44	1	3	18	30	1	3	31	31								
	3	44		1	8	21		1	19	19								
2070	1	40	1	4	23	34	1	4	33	33							1	1
(93)	2	40	2	13	27	43	3	13	45	45	1	1	1	1	4	6	10	10
	3	40	1	6	18	31	1	6	32	32	1	1	2	3	3	4	9	9
	1	42		3	19	30		3	29	29								
	2	42	2	11	25	42	2	11	41	41					1	1	8	8
	3	42		6	18	29	1	6	29	29					2	3	5	5
	1	44		2	13	25		2	24	24								
	2	44	1	8	24	38	1	8	40	40							3	3
	3	44		4	15	29		4	27	27					1	1	3	3
2070	1	40		5	16	35		5	29	29								
(94)	2	40	3	12	28	49	3	12	46	46						3	2	2
	3	40		7	12	28		7	26	26				3		4	2	2
	1	42		3	16	28		3	25	25								
	2	42	2	11	28	46	2	11	42	42								
	3	42		5	12	26		5	23	23						3		
	1	44		2	12	25		2	18	18								
	2	44		9	26	40		9	35	35								
	3	44		4	11	25		4	21	21								
2070	1	40		3	18	26		3	23	23								
(95)	2	40	1	10	23	34	1	10	31	31				1		1	5	5
	3	40		5	15	20		4	27	27						1	2	2
	1	42		1	15	24		1	21	21								
	2	42	1	7	22	33	1	7	29	29						1	2	2
	3	42		2	15	19		2	23	23								
	1	44		1	10	22		1	17	17								
	2	44	1	5	20	29	1	5	29	29							1	1
	3	44		1	14	19		1	21	21								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(10a)

City	Melbourne	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	13	24		1	22	22								
(96)	2	40	1	5	20	31	1	5	31	31						1	1	1
	3	40			6	16			14	14								
	1	42		1	7	22		1	18	18								
	2	42		3	18	31		3	27	27							1	1
	3	42			5	14			12	12								
	1	44			5	18			12	12								
	2	44		1	15	29		1	24	24								
	3	44			5	12			10	10								
2070	1	40	3	11	26	40	3	11	37	37								
(97)	2	40	7	18	35	48	7	18	46	46		2		5	1	9	12	12
	3	40	2	13	19	34	2	13	29	29		3		5	1	8	9	9
	1	42		7	25	36		7	30	30								
	2	42	4	14	33	47	4	14	42	42						3	7	7
	3	42	2	12	19	30	2	12	27	27				1		5	7	7
	1	44		4	19	32		4	26	25								
	2	44	3	14	28	45	3	14	41	41							3	3
	3	44	2	9	19	27	2	9	25	25						1	2	2
2070	1	40	3	11	26	39	3	11	33	33								
(98)	2	40	7	16	34	42	6	15	43	43		2		4		6	7	7
	3	40	2	12	21	27	2	12	28	28		2		2		6	2	2
	1	42	1	7	23	36	1	7	31	31								
	2	42	6	14	33	40	6	14	41	41						2	5	5
	3	42	2	10	20	25	2	10	26	26				1		2	2	2
	1	44		5	17	33		5	27	27								
	2	44	4	12	30	39	4	12	37	37							2	2
	3	44	1	8	18	23	1	8	25	25						1	1	1
2070	1	40		2	19	35		2	31	31								
(99)	2	40		10	25	47		10	44	44							3	3
	3	40		5	16	24		5	28	28						1		
	1	42			17	27			25	25								
	2	42		9	24	45		9	37	37							1	1
	3	42		4	15	23		4	25	25								
	1	44			12	23			20	20								
	2	44		6	22	41		6	36	36								
	3	44		2	15	20		2	23	23								
2070	1	40		8	28	41		8	37	37								
(00)	2	40	1	16	38	53	1	16	48	48				1		4	6	6
	3	40		10	26	35		10	34	34		1		3		7	5	5
	1	42		3	28	36		3	34	34								
	2	42	1	10	36	50	1	10	45	45							2	2
	3	42		9	24	34		9	32	32						3	2	2
	1	44		1	18	33		1	26	26								
	2	44		8	33	50		8	43	43							1	1
	3	44		7	21	33		7	31	31							1	1
2070	1	40		3	25	37		3	32	32								
(01)	2	40		17	31	45		17	39	39						1	7	7
	3	40		7	21	30		7	30	30			2	2	3	5	5	5
	1	42		1	23	32		1	28	28								
	2	42		12	29	42		12	36	36							3	3
	3	42		6	21	29		6	29	29							3	3
	1	44			19	28			25	25								
	2	44		8	29	41		8	35	35								
	3	44		3	21	28		3	28	28							2	2

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(11)

City	Melbourne	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	11			6	13								
(90)	2	40			7	23			21	23								
	3	40			2	6			5	7								
	1	42				7				7								
	2	42			5	22			15	22								
	3	42			1	3			5	5								
	1	44				3				3								
	2	44			4	16			13	17								
	3	44			1	3			5	5								
2070	1	40			5	12			6	12								
(91)	2	40		2	9	17		2	13	17								
	3	40			5	8			9	9								
	1	42			5	8			5	8								
	2	42		1	7	16		1	12	16								
	3	42			5	8			7	8								
	1	44			5	6			5	6								
	2	44			6	14			11	14								
	3	44			5	8			6	8								
2070	1	40			1	7			1	7								
(92)	2	40			1	13			12	13								
	3	40			1	2			3	3								
	1	42			1	1			1	1								
	2	42			1	11			11	13								
	3	42			1	2			2	2								
	1	44			1	1			1	1								
	2	44			1	8			4	9								
	3	44				2			1	2								
2070	1	40			3	11			9	11								
(93)	2	40			9	20			21	23								
	3	40			4	11			14	15								
	1	42			2	7			6	8								
	2	42			7	18			17	21								
	3	42			2	8			11	11								
	1	44			1	4			1	4								
	2	44			4	13			16	17								
	3	44			2	8			10	10								
2070	1	40			3	11			4	11								
(94)	2	40			7	16			14	18								
	3	40			4	8			7	8								
	1	42			1	6			1	6								
	2	42			6	16			12	18								
	3	42			4	8			6	8								
	1	44				4				4								
	2	44			5	13			10	14								
	3	44			4	7			5	7								
2070	1	40			1	8			6	9								
(95)	2	40			6	16			13	16								
	3	40			1	7			7	7								
	1	42			1	4			1	4								
	2	42			4	15			12	15								
	3	42			1	5			7	7								
	1	44			1	2			1	2								
	2	44			3	11			10	11								
	3	44			1	5			6	6								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(11)

City	Melbourne	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	3			1	3								
(96)	2	40			1	10			8	11								
	3	40				3			1	3								
	1	42				1				1								
	2	42			1	6			7	9								
	3	42				2			1	2								
	1	44				1				1								
	2	44			1	5			2	5								
	3	44				2			1	2								
2070	1	40			7	16			12	16								
(97)	2	40			14	25			19	25								
	3	40			8	14			13	14								
	1	42			4	12			6	12								
	2	42			11	25			18	25								
	3	42			7	14			13	14								
	1	44			3	8			3	8								
	2	44			10	23			17	23								
	3	44			7	14			13	14								
2070	1	40			8	15			10	15								
(98)	2	40		1	13	24		1	19	24								
	3	40			6	12			12	14								
	1	42			6	13			5	12								
	2	42			13	23			16	24								
	3	42			5	12			11	14								
	1	44			3	7			3	7								
	2	44			10	18			13	18								
	3	44			5	12			9	13								
2070	1	40				9			3	9								
(99)	2	40			7	18			18	19								
	3	40				10			11	11								
	1	42				3				3								
	2	42			3	17			13	18								
	3	42				7			8	9								
	1	44																
	2	44			1	14			10	17								
	3	44				7			5	8								
2070	1	40			2	14			7	16								
(00)	2	40			9	28			22	27								
	3	40			5	13			13	15								
	1	42			1	8			1	8								
	2	42			9	28			20	27								
	3	42			4	11			12	12								
	1	44				4				4								
	2	44			6	23			14	23								
	3	44			4	11			10	11								
2070	1	40			1	12			6	13								
(01)	2	40			7	23			24	24								
	3	40			2	12			12	13								
	1	42				4			1	5								
	2	42			3	22			19	24								
	3	42			1	12			9	13								
	1	44				1				1								
	2	44			2	19			14	22								
	3	44			1	12			9	13								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(11a)

City	Melbourne	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	22			6	4								
(90)	2	40			11	27			21	21								
	3	40			2	13			5	5								
	1	42				12												
	2	42			7	27			15	15								
	3	42			2	11			5	5								
	1	44				7												
	2	44			5	24			13	11								
	3	44			2	9			5	5								
2070	1	40		1	6	16		1	7	6								
(91)	2	40		5	11	19		5	13	13								
	3	40		2	6	10		2	9	9								
	1	42			5	13			5	4								
	2	42		5	9	19		5	12	12								
	3	42		1	5	10		1	7	7								
	1	44			5	9			5									
	2	44		3	7	17		3	11	10								
	3	44		1	5	10		1	6	6								
2070	1	40			1	11			1									
(92)	2	40		1	4	16		1	12	12								
	3	40			1	8			3	3								
	1	42			1	7			1									
	2	42			3	15			11	11								
	3	42			1	7			2	2								
	1	44			1	1			1									
	2	44			1	13			4	4								
	3	44			1	2			2	1								
2070	1	40			4	18			9	9								
(93)	2	40		1	11	24		1	21	21								
	3	40			4	14			14	14								
	1	42			2	12			6	5								
	2	42		1	8	24		1	17	17								
	3	42			4	13			11	11								
	1	44			1	8			1	1								
	2	44		1	7	20		1	16	16								
	3	44			3	12			10	10								
2070	1	40			5	16			5	2								
(94)	2	40			11	21			15	14								
	3	40			4	10			7	7								
	1	42			2	11			2									
	2	42			9	18			12	12								
	3	42			4	10			6	6								
	1	44				7												
	2	44			6	16			10	9								
	3	44			4	8			5	4								
2070	1	40			2	15			6	6								
(95)	2	40		1	7	19		1	13	13								
	3	40			2	14			7	7								
	1	42			1	10			1	1								
	2	42			5	18			12	12								
	3	42			2	11			7	7								
	1	44			1	5			1									
	2	44			4	17			10	10								
	3	44			1	10			6	6								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(11a)

City	Melbourne	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	6			1	1								
(96)	2	40			3	15			10	8								
	3	40				5			1	1								
	1	42			1	5			1									
	2	42			1	14			7	7								
	3	42				5			1	1								
	1	44				1												
	2	44			1	13			2	2								
	3	44				5			1	1								
2070	1	40			8	25			12	12								
(97)	2	40		3	14	26		3	19	19								
	3	40			9	17			13	13								
	1	42			7	18			7	3								
	2	42		3	14	25		3	18	18								
	3	42			8	14			13	13								
	1	44			3	14			3									
	2	44		1	11	25		1	17	17								
	3	44			8	14			13	13								
2070	1	40			9	23			11	8								
(98)	2	40		3	15	29		3	20	19								
	3	40			9	17			14	11								
	1	42			7	16			6	2								
	2	42		2	13	27		2	16	16								
	3	42			7	15			12	11								
	1	44			4	12			4									
	2	44		2	13	26		2	15	12								
	3	44			6	15			10	9								
2070	1	40				17			3	3								
(99)	2	40			8	20			18	18								
	3	40			3	14			11	11								
	1	42				10												
	2	42			6	19			13	13								
	3	42			1	13			8	8								
	1	44				6												
	2	44			3	18			10	9								
	3	44				12			5	5								
2070	1	40			4	27			9	7								
(00)	2	40			11	29			22	22								
	3	40			7	18			13	13								
	1	42			1	16			1	1								
	2	42			9	29			20	20								
	3	42			7	18			12	12								
	1	44				8												
	2	44			9	28			15	14								
	3	44			5	15			10	10								
2070	1	40			1	22			6	6								
(01)	2	40			12	25			24	24								
	3	40			5	17			12	12								
	1	42				16			1	1								
	2	42			6	25			19	19								
	3	42			3	17			9	9								
	1	44				6												
	2	44			3	24			14	14								
	3	44			2	14			9	9								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(12)

City	Melbourne	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			11	24			24	25								
(90)	2	40			23	30			34	34								
	3	40			3	14			19	19								
	1	42			5	22			15	22								
	2	42			18	30			32	33								
	3	42			3	14			16	17								
	1	44			3	11			6	13								
	2	44			13	27			30	31								
	3	44			2	13			15	16								
2070	1	40		3	11	17		3	17	17								
(91)	2	40	2	5	16	19	2	5	22	22								
	3	40		2	8	10		2	10	10								
	1	42		1	6	15		1	12	15								
	2	42	1	5	14	19	1	5	21	21								
	3	42		2	8	10		2	10	10								
	1	44			5	12			6	12								
	2	44		5	13	19		5	19	20								
	3	44		2	8	10		2	10	10								
2070	1	40			4	14			14	14								
(92)	2	40		1	11	21		1	21	23								
	3	40			2	9			11	11								
	1	42			1	9			8	11								
	2	42		1	9	19		1	20	22								
	3	42			2	8			9	10								
	1	44			1	7			1	7								
	2	44		1	7	15		1	18	18								
	3	44			2	8			9	10								
2070	1	40		1	11	21		1	24	24								
(93)	2	40		2	18	25		2	31	31								
	3	40			8	17			22	22								
	1	42			5	18			17	21								
	2	42		1	14	24		1	29	29								
	3	42			8	15			18	18								
	1	44			3	11			10	12								
	2	44		1	13	24		1	25	26								
	3	44			7	14			18	18								
2070	1	40			10	16			17	18								
(94)	2	40		2	16	26		2	27	28								
	3	40			8	11			12	13								
	1	42			5	15			12	17								
	2	42		1	14	24		1	25	27								
	3	42			7	11			12	13								
	1	44			3	11			4	11								
	2	44			12	19			22	22								
	3	44			7	10			10	11								
2070	1	40			7	17			15	18								
(95)	2	40		1	15	22		1	23	24								
	3	40			6	14			14	14								
	1	42			3	14			10	14								
	2	42		1	13	21		1	20	21								
	3	42			5	14			13	14								
	1	44			1	9			6	9								
	2	44		1	10	19		1	18	20								
	3	44			5	14			13	14								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(12)

City	Melbourne	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			2	13			12	13								
(96)	2	40			7	18			19	20								
	3	40			2	5			6	6								
	1	42			1	6			4	7								
	2	42			5	16			17	18								
	3	42			2	5			6	6								
	1	44			1	4			1	4								
	2	44			5	15			15	16								
	3	44			1	5			6	6								
2070	1	40		3	14	25		3	21	26								
(97)	2	40		4	25	32		4	32	36								
	3	40		2	14	19		2	19	19								
	1	42			11	24			17	24								
	2	42		3	23	29		3	30	31								
	3	42		2	14	19		2	19	19								
	1	44			7	16			13	16								
	2	44		3	18	25		3	28	28								
	3	44		2	14	18		2	18	19								
2070	1	40		2	13	26		2	25	28								
(98)	2	40	1	6	23	33	1	6	32	34								
	3	40		2	12	19		2	20	21								
	1	42			12	21			16	22								
	2	42		4	19	30		4	31	32								
	3	42		1	12	18		1	19	19								
	1	44			8	15			11	16								
	2	44		3	17	28		3	30	31								
	3	44		1	12	17		1	17	18								
2070	1	40			8	18			19	19								
(99)	2	40			18	24			26	26								
	3	40			7	15			16	16								
	1	42			2	17			13	18								
	2	42			17	21			25	26								
	3	42			7	15			16	16								
	1	44				9			4	10								
	2	44			12	19			21	22								
	3	44			7	14			16	16								
2070	1	40			11	28			24	28								
(00)	2	40		1	28	34		1	34	36								
	3	40			11	22			24	25								
	1	42			9	27			19	27								
	2	42			25	30			34	34								
	3	42			11	20			21	21								
	1	44			3	14			9	17								
	2	44			17	29			31	32								
	3	44			11	19			21	21								
2070	1	40			12	24			24	25								
(01)	2	40			22	28			30	31								
	3	40			13	21			22	22								
	1	42			3	22			17	24								
	2	42			21	28			28	29								
	3	42			12	21			21	21								
	1	44			1	12			7	14								
	2	44			19	25			26	26								
	3	44			10	19			19	20								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(12a)

City	Melbourne	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			12	30			24	24								
(90)	2	40		3	24	37		3	34	34								
	3	40		1	7	20		1	19	19								
	1	42			7	26			15	15								
	2	42		3	23	36		3	32	32								
	3	42		1	6	18		1	16	16								
	1	44			4	23			7	4								
	2	44			18	32			30	30								
	3	44			3	17			15	15								
2070	1	40		5	12	19		5	17	17								
(91)	2	40	3	6	17	24	3	6	22	22								
	3	40	1	4	8	10	1	4	10	10								
	1	42		5	9	17		5	12	12								
	2	42	2	5	17	20	2	5	21	21								
	3	42		3	8	10		3	10	10								
	1	44		2	6	16		2	7	6								
	2	44	1	5	14	19	1	5	19	19								
	3	44		3	8	10		3	10	10								
2070	1	40		1	7	19		1	14	14								
(92)	2	40		1	13	26		1	21	21								
	3	40			2	15			11	11								
	1	42			1	15			8	8								
	2	42		1	11	21		1	20	20								
	3	42			2	11			9	9								
	1	44			1	11			1	1								
	2	44		1	9	21		1	18	18								
	3	44			2	10			9	9								
2070	1	40		1	11	24		1	24	24								
(93)	2	40	1	4	20	32	1	4	31	31								
	3	40		2	12	23		2	22	22								
	1	42		1	8	23		1	17	17								
	2	42		3	18	30		3	29	29								
	3	42		2	10	22		2	18	18								
	1	44			4	18			10	10								
	2	44		2	14	27		2	25	25								
	3	44		1	8	21		1	18	18								
2070	1	40		1	11	24		1	17	17								
(94)	2	40		5	16	31		5	27	27								
	3	40		3	8	13		3	12	12								
	1	42			7	16			12	12								
	2	42		3	16	28		3	25	25								
	3	42		3	8	13		3	12	12								
	1	44			5	16			5	2								
	2	44		3	14	26		3	22	22								
	3	44		1	7	12		1	10	10								
2070	1	40		1	9	21		1	15	15								
(95)	2	40		2	16	24		2	23	23								
	3	40			7	16			14	14								
	1	42			4	18			10	10								
	2	42		1	15	24		1	20	20								
	3	42			7	15			13	13								
	1	44			3	15			6	6								
	2	44		1	13	22		1	18	18								
	3	44			5	15			13	13								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(12a)

City	Melbourne	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			4	16			12	12								
(96)	2	40		1	13	22		1	19	19								
	3	40			3	8			6	6								
	1	42			1	13			4	4								
	2	42		1	7	22		1	17	17								
	3	42			3	8			6	6								
	1	44			1	7			1	1								
	2	44		1	5	19		1	15	15								
	3	44			2	7			6	6								
2070	1	40		3	17	29		3	21	21								
(97)	2	40	1	8	25	37	1	8	32	32								
	3	40		5	14	21		5	19	19								
	1	42		3	13	25		3	17	17								
	2	42		7	25	36		7	30	30								
	3	42		4	14	20		4	19	19								
	1	44			8	25			13	13								
	2	44		7	23	34		7	28	28								
	3	44		4	14	19		4	18	18								
2070	1	40		4	15	30		4	26	25								
(98)	2	40	2	8	26	37	2	8	32	32								
	3	40		4	14	22		4	20	20								
	1	42		2	13	26		2	16	15								
	2	42	1	7	23	36	1	7	31	31								
	3	42		3	12	22		3	19	19								
	1	44		1	9	23		1	12	9								
	2	44		6	19	33		6	30	30								
	3	44		2	12	21		2	17	17								
2070	1	40			10	21			19	19								
(99)	2	40			19	30			26	26								
	3	40			10	17			16	16								
	1	42			6	18			13	13								
	2	42			17	26			25	25								
	3	42			8	16			16	16								
	1	44				17			4	4								
	2	44			17	24			21	21								
	3	44			7	16			16	16								
2070	1	40			17	30			24	24								
(00)	2	40		4	28	38		4	34	34								
	3	40		1	13	28		1	24	24								
	1	42			9	28			19	19								
	2	42		2	28	36		2	34	34								
	3	42			13	26			21	21								
	1	44			5	27			10	8								
	2	44		1	25	34		1	31	31								
	3	44			11	26			21	21								
2070	1	40			15	28			24	24								
(01)	2	40		1	24	32		1	30	30								
	3	40			14	22			22	22								
	1	42			6	25			17	17								
	2	42		1	23	32		1	28	28								
	3	42			13	22			21	21								
	1	44			2	22			7	7								
	2	44			21	29			26	26								
	3	44			12	22			19	19								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(13)

City	Melbourne	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			4	16			12	17								
(90)	2	40			11	26			24	26								
	3	40			2	9			9	10								
	1	42			1	11			1	11								
	2	42			9	23			21	23								
	3	42			2	7			7	8								
	1	44				5				5								
	2	44			7	23			17	23								
	3	44			2	6			5	7								
2070	1	40			6	14			9	14								
(91)	2	40		5	11	17		5	17	17								
	3	40		1	6	10		1	10	10								
	1	42			5	10			5	10								
	2	42		3	11	17		3	15	17								
	3	42		1	5	8		1	10	10								
	1	44			5	6			5	6								
	2	44		1	8	16		1	12	16								
	3	44		1	5	8		1	9	9								
2070	1	40			1	7			4	8								
(92)	2	40			6	15			16	16								
	3	40			1	2			4	4								
	1	42			1	4			1	4								
	2	42			3	13			12	13								
	3	42			1	2			3	3								
	1	44			1	1			1	1								
	2	44			1	11			12	13								
	3	44			1	2			3	3								
2070	1	40			4	13			15	16								
(93)	2	40		1	11	22		1	24	24								
	3	40			5	12			15	16								
	1	42			2	11			9	11								
	2	42		1	9	20		1	23	23								
	3	42			4	12			14	15								
	1	44			1	4			3	6								
	2	44			8	18			19	21								
	3	44			4	11			14	15								
2070	1	40			5	13			10	14								
(94)	2	40			11	16			18	19								
	3	40			5	8			7	8								
	1	42			3	10			4	10								
	2	42			9	16			16	18								
	3	42			4	8			7	8								
	1	44				5				5								
	2	44			6	16			12	18								
	3	44			4	8			7	8								
2070	1	40			3	11			9	11								
(95)	2	40			8	17			16	18								
	3	40			2	10			9	11								
	1	42			1	5			4	5								
	2	42			6	16			13	16								
	3	42			2	8			8	8								
	1	44			1	3			1	3								
	2	44			4	15			13	15								
	3	44			1	7			7	7								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(13)

City	Melbourne	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	5			2	5								
(96)	2	40			3	13			12	13								
	3	40				5			5	6								
	1	42			1	2			1	2								
	2	42			1	11			10	12								
	3	42				3			3	3								
	1	44				1				1								
	2	44			1	7			8	10								
	3	44				3			1	3								
2070	1	40			8	21			15	21								
(97)	2	40		3	14	25		3	23	27								
	3	40			10	14			17	17								
	1	42			7	14			8	14								
	2	42		1	14	25		1	21	26								
	3	42			8	14			15	16								
	1	44			3	11			3	11								
	2	44			12	25			18	25								
	3	44			8	14			13	14								
2070	1	40			10	18			13	18								
(98)	2	40		2	15	26		2	27	28								
	3	40			9	15			17	18								
	1	42			7	13			8	13								
	2	42		1	13	25		1	23	26								
	3	42			8	14			16	17								
	1	44			5	12			5	11								
	2	44		1	13	23		1	17	24								
	3	44			6	12			12	14								
2070	1	40				13			9	16								
(99)	2	40			9	18			20	20								
	3	40			3	12			13	13								
	1	42				7			2	7								
	2	42			7	18			18	19								
	3	42			1	11			13	13								
	1	44				2				2								
	2	44			3	17			14	18								
	3	44				10			11	11								
2070	1	40			6	20			12	21								
(00)	2	40			12	28			26	28								
	3	40			7	15			17	18								
	1	42			1	10			4	12								
	2	42			9	28			23	27								
	3	42			7	14			16	17								
	1	44				8				8								
	2	44			9	28			20	27								
	3	44			5	13			13	15								
2070	1	40			2	18			10	21								
(01)	2	40			13	25			25	26								
	3	40			5	14			14	14								
	1	42				11			4	12								
	2	42			9	24			24	25								
	3	42			3	13			13	14								
	1	44				3				3								
	2	44			4	22			21	24								
	3	44			2	12			12	13								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(13a)

City	Melbourne	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	23			12	10								
(90)	2	40			13	30			24	24								
	3	40			2	14			9	9								
	1	42			3	18			3									
	2	42			11	28			21	21								
	3	42			2	13			7	7								
	1	44				11												
	2	44			9	27			17	17								
	3	44			2	13			5	5								
2070	1	40		3	6	17		3	9	8								
(91)	2	40		5	13	19		5	17	17								
	3	40		2	8	10		2	10	10								
	1	42			6	14			6	5								
	2	42		5	11	19		5	15	15								
	3	42		2	6	10		2	10	10								
	1	44			5	11			5	2								
	2	44		5	10	19		5	12	12								
	3	44		2	6	10		2	9	9								
2070	1	40			1	13			4	4								
(92)	2	40		1	7	21		1	16	16								
	3	40			2	8			4	4								
	1	42			1	9			1									
	2	42		1	6	17		1	12	12								
	3	42			2	8			3	3								
	1	44			1	6			1									
	2	44		1	3	15		1	12	12								
	3	44			1	8			3	3								
2070	1	40		1	4	20		1	15	15								
(93)	2	40		2	13	25		2	24	24								
	3	40			6	16			15	15								
	1	42			3	14			9	9								
	2	42		1	11	24		1	23	23								
	3	42			6	14			14	14								
	1	44			2	11			4	3								
	2	44		1	9	24		1	19	19								
	3	44			4	14			14	14								
2070	1	40			5	16			10	9								
(94)	2	40		1	12	24		1	18	18								
	3	40			7	11			7	7								
	1	42			4	14			4	2								
	2	42			11	23			17	16								
	3	42			6	10			7	7								
	1	44			2	11			2									
	2	44			9	19			12	12								
	3	44			4	10			7	7								
2070	1	40			3	16			9	9								
(95)	2	40		1	10	21		1	16	16								
	3	40			5	14			9	9								
	1	42			1	13			4	4								
	2	42		1	9	20		1	13	13								
	3	42			5	14			8	8								
	1	44			1	7			1									
	2	44		1	5	18		1	13	13								
	3	44			2	13			7	7								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(13a)

City	Melbourne	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	11			2	2								
(96)	2	40			5	18			12	12								
	3	40			1	5			5	5								
	1	42			1	5			1	1								
	2	42			3	15			10	10								
	3	42				5			3	3								
	1	44				3												
	2	44			1	15			8	8								
	3	44				5			1	1								
2070	1	40		1	11	25		1	15	15								
(97)	2	40		4	19	31		4	24	23								
	3	40		2	13	19		2	17	17								
	1	42			7	23			8	7								
	2	42		3	16	26		3	21	21								
	3	42		2	13	18		2	15	15								
	1	44			4	14			4	1								
	2	44		3	14	25		3	18	18								
	3	44		1	9	16		1	13	13								
2070	1	40		1	12	25		1	15	11								
(98)	2	40		5	17	32		5	27	27								
	3	40		1	12	18		1	17	17								
	1	42			8	19			9	6								
	2	42		4	15	30		4	24	23								
	3	42		1	10	18		1	16	15								
	1	44			7	15			6	1								
	2	44		3	13	28		3	17	17								
	3	44			9	17			14	11								
2070	1	40			2	18			10	9								
(99)	2	40			12	23			20	20								
	3	40			6	15			13	13								
	1	42				17			2	2								
	2	42			10	21			18	18								
	3	42			4	14			13	13								
	1	44				8												
	2	44			6	19			14	14								
	3	44			2	14			11	11								
2070	1	40			9	28			14	12								
(00)	2	40		1	18	33		1	26	26								
	3	40			10	21			17	17								
	1	42			3	24			5	4								
	2	42			12	30			23	23								
	3	42			10	19			16	16								
	1	44			1	10			1									
	2	44			9	29			20	20								
	3	44			7	18			13	13								
2070	1	40			3	24			10	10								
(01)	2	40			19	28			25	25								
	3	40			8	21			14	14								
	1	42			1	21			5	4								
	2	42			13	27			24	24								
	3	42			6	19			14	13								
	1	44				12												
	2	44			8	25			21	21								
	3	44			4	17			12	12								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(14)

City	Melbourne	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			8	23			21	23								
(90)	2	40			22	30			32	33								
	3	40			3	14			16	17								
	1	42			4	16			13	17								
	2	42			16	28			30	31								
	3	42			2	13			15	16								
	1	44			1	11			4	12								
	2	44			12	27			25	28								
	3	44			2	13			13	14								
2070	1	40		3	9	17		3	15	17								
(91)	2	40	1	5	15	19	1	5	22	22								
	3	40		2	8	10		2	10	10								
	1	42			6	14			11	14								
	2	42		5	14	19		5	21	21								
	3	42		2	8	10		2	10	10								
	1	44			5	11			5	11								
	2	44		5	12	19		5	17	19								
	3	44		2	8	10		2	10	10								
2070	1	40			3	13			12	13								
(92)	2	40		1	9	20		1	20	23								
	3	40			2	8			9	10								
	1	42			1	9			6	11								
	2	42		1	7	16		1	18	19								
	3	42			2	8			9	10								
	1	44			1	4			1	4								
	2	44		1	7	15		1	16	16								
	3	44			2	7			9	9								
2070	1	40			9	20			23	23								
(93)	2	40		2	18	25		2	30	30								
	3	40			8	15			20	20								
	1	42			5	14			16	18								
	2	42		1	13	24		1	27	27								
	3	42			7	14			18	18								
	1	44			3	11			9	11								
	2	44		1	11	24		1	24	25								
	3	44			6	14			17	18								
2070	1	40			9	16			16	18								
(94)	2	40		1	15	24		1	25	27								
	3	40			7	11			12	13								
	1	42			5	13			10	14								
	2	42			13	22			23	24								
	3	42			7	10			12	12								
	1	44			3	10			4	10								
	2	44			11	18			20	20								
	3	44			7	10			9	10								
2070	1	40			6	16			13	16								
(95)	2	40		1	14	21		1	22	23								
	3	40			5	14			13	14								
	1	42			3	12			10	12								
	2	42		1	11	19		1	20	20								
	3	42			5	14			13	14								
	1	44			1	6			5	7								
	2	44			9	18			18	19								
	3	44			5	13			13	14								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(14)

City	Melbourne	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	11			8	12								
(96)	2	40			6	17			18	19								
	3	40			2	5			6	6								
	1	42			1	5			2	5								
	2	42			5	15			17	17								
	3	42			1	5			6	6								
	1	44			1	2			1	2								
	2	44			4	14			13	14								
	3	44			1	5			5	6								
2070	1	40		1	14	25		1	20	26								
(97)	2	40		4	24	31		4	31	34								
	3	40		2	14	19		2	19	19								
	1	42			10	23			17	23								
	2	42		3	21	26		3	29	30								
	3	42		2	14	18		2	18	19								
	1	44			7	14			9	14								
	2	44		3	17	25		3	26	27								
	3	44			13	16			18	18								
2070	1	40		1	13	25		1	21	26								
(98)	2	40		5	21	30		5	31	32								
	3	40		1	12	18		1	20	20								
	1	42			10	18			13	18								
	2	42		4	18	29		4	30	31								
	3	42		1	12	17		1	18	18								
	1	44			7	15			8	14								
	2	44		3	15	28		3	27	29								
	3	44			12	16			17	18								
2070	1	40			7	18			18	19								
(99)	2	40			17	22			26	26								
	3	40			7	15			16	16								
	1	42			1	16			10	17								
	2	42			14	21			23	24								
	3	42			7	14			16	16								
	1	44				7			3	7								
	2	44			10	19			20	21								
	3	44			6	13			16	16								
2070	1	40			9	28			22	27								
(00)	2	40		1	27	31		1	34	34								
	3	40			11	21			22	23								
	1	42			6	25			14	25								
	2	42			20	30			31	32								
	3	42			11	19			21	21								
	1	44			1	10			6	12								
	2	44			17	29			26	29								
	3	44			10	18			20	21								
2070	1	40			7	24			24	25								
(01)	2	40			22	28			29	30								
	3	40			13	21			21	21								
	1	42			2	20			15	22								
	2	42			19	26			26	27								
	3	42			10	19			20	20								
	1	44				11			5	12								
	2	44			15	25			25	26								
	3	44			9	17			18	18								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(14a)

City	Melbourne	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			11	28			21	21								
(90)	2	40		3	23	36		3	32	32								
	3	40		1	6	18		1	16	16								
	1	42			6	24			13	11								
	2	42		1	22	32		1	30	30								
	3	42			3	18			15	15								
	1	44			3	22			5	3								
	2	44			16	30			25	25								
	3	44			2	15			13	13								
2070	1	40		5	11	19		5	15	15								
(91)	2	40	3	6	17	22	3	6	22	22								
	3	40	1	3	8	10	1	3	10	10								
	1	42		3	7	17		3	11	10								
	2	42	1	5	16	20	1	5	21	21								
	3	42		3	8	10		3	10	10								
	1	44		1	6	15		1	6	5								
	2	44		5	14	19		5	17	17								
	3	44		2	8	10		2	10	10								
2070	1	40		1	4	16		1	12	12								
(92)	2	40		1	13	23		1	20	20								
	3	40			2	11			9	9								
	1	42			1	14			6	6								
	2	42		1	9	21		1	18	18								
	3	42			2	10			9	9								
	1	44			1	9			1									
	2	44		1	7	21		1	16	16								
	3	44			2	9			9	9								
2070	1	40		1	11	24		1	23	23								
(93)	2	40		3	20	30		3	30	30								
	3	40		2	10	22		2	20	20								
	1	42		1	7	21		1	16	16								
	2	42		3	18	27		3	27	27								
	3	42		1	8	21		1	18	18								
	1	44			3	18			9	9								
	2	44		2	13	26		2	24	24								
	3	44		1	8	17		1	17	17								
2070	1	40			11	22			17	16								
(94)	2	40		4	16	29		4	25	25								
	3	40		3	8	13		3	12	12								
	1	42			6	16			10	9								
	2	42		3	16	27		3	23	23								
	3	42		1	7	12		1	12	12								
	1	44			4	15			4	2								
	2	44		2	13	26		2	20	20								
	3	44			7	12			9	9								
2070	1	40		1	7	19		1	13	13								
(95)	2	40		1	16	24		1	22	22								
	3	40			7	15			13	13								
	1	42			4	17			10	10								
	2	42		1	14	23		1	20	20								
	3	42			5	15			13	13								
	1	44			1	14			5	5								
	2	44		1	11	22		1	18	18								
	3	44			5	15			13	13								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(14a)

City	Melbourne	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	15			10	8								
(96)	2	40		1	9	22		1	18	18								
	3	40			3	8			6	6								
	1	42			1	13			2	2								
	2	42		1	6	20		1	17	17								
	3	42			2	7			6	6								
	1	44			1	6			1	1								
	2	44			5	18			13	13								
	3	44			2	6			5	5								
2070	1	40		3	14	26		3	20	20								
(97)	2	40		7	25	36		7	31	31								
	3	40		4	14	20		4	19	19								
	1	42		3	11	25		3	17	17								
	2	42		7	25	34		7	29	29								
	3	42		4	14	19		4	18	18								
	1	44			8	24			10	8								
	2	44		5	21	33		5	26	26								
	3	44		2	14	19		2	18	18								
2070	1	40		4	15	29		4	22	21								
(98)	2	40	1	7	24	36	1	7	31	31								
	3	40		3	12	22		3	20	20								
	1	42		2	13	26		2	15	12								
	2	42		6	21	34		6	30	30								
	3	42		2	12	22		2	18	18								
	1	44			8	21			9	7								
	2	44		6	18	33		6	27	27								
	3	44		2	12	21		2	17	17								
2070	1	40			8	21			18	18								
(99)	2	40			18	27			26	26								
	3	40			8	16			16	16								
	1	42			3	18			10	10								
	2	42			17	25			23	23								
	3	42			7	16			16	16								
	1	44				17			3	3								
	2	44			14	23			20	20								
	3	44			7	15			16	16								
2070	1	40			11	30			22	22								
(00)	2	40		3	28	36		3	34	34								
	3	40			13	28			22	22								
	1	42			9	28			15	14								
	2	42		1	28	36		1	31	31								
	3	42			11	26			21	21								
	1	44			4	26			8	6								
	2	44		1	20	34		1	26	26								
	3	44			11	25			20	20								
2070	1	40			12	26			24	24								
(01)	2	40		1	23	32		1	29	29								
	3	40			13	22			21	21								
	1	42			4	24			15	15								
	2	42			22	32			26	26								
	3	42			12	22			20	20								
	1	44			1	22			5	5								
	2	44			19	28			25	25								
	3	44			11	21			18	18								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(15)

City	Melbourne	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			11	24			22	24								
(90)	2	40			22	30			33	33								
	3	40			3	14			18	18								
	1	42			5	20			14	21								
	2	42			16	28			30	31								
	3	42			2	13			15	16								
	1	44			2	11			5	13								
	2	44			12	27			28	30								
	3	44			2	13			13	14								
2070	1	40		3	11	17		3	15	17								
(91)	2	40	1	5	16	19	1	5	22	22								
	3	40		2	8	10		2	10	10								
	1	42		1	6	14		1	12	14								
	2	42		5	14	19		5	21	21								
	3	42		2	8	10		2	10	10								
	1	44			5	11			6	11								
	2	44		5	13	19		5	19	20								
	3	44		2	8	10		2	10	10								
2070	1	40			3	13			12	13								
(92)	2	40		1	11	21		1	21	23								
	3	40			2	8			10	11								
	1	42			1	9			8	11								
	2	42		1	9	17		1	20	22								
	3	42			2	8			9	10								
	1	44			1	6			1	6								
	2	44		1	7	15		1	18	18								
	3	44			2	8			9	10								
2070	1	40		1	10	20		1	23	23								
(93)	2	40		2	18	25		2	31	31								
	3	40			8	16			20	20								
	1	42			5	15			16	18								
	2	42		1	14	24		1	27	27								
	3	42			8	15			18	18								
	1	44			3	11			9	11								
	2	44		1	12	24		1	25	26								
	3	44			7	14			17	18								
2070	1	40			9	16			16	18								
(94)	2	40		2	16	25		2	25	28								
	3	40			7	11			12	13								
	1	42			5	14			10	15								
	2	42			13	24			25	27								
	3	42			7	11			12	13								
	1	44			3	11			4	11								
	2	44			11	19			21	21								
	3	44			7	10			9	10								
2070	1	40			6	16			14	16								
(95)	2	40		1	15	22		1	22	24								
	3	40			5	14			13	14								
	1	42			3	13			10	13								
	2	42		1	12	20		1	20	20								
	3	42			5	14			13	14								
	1	44			1	8			6	9								
	2	44		1	10	19		1	18	20								
	3	44			5	14			13	14								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(15)

City	Melbourne	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			2	13			10	13								
(96)	2	40			6	18			19	20								
	3	40			2	5			6	6								
	1	42			1	5			4	6								
	2	42			5	15			17	17								
	3	42			2	5			6	6								
	1	44			1	3			1	3								
	2	44			5	15			14	15								
	3	44			1	5			6	6								
2070	1	40		1	14	25		1	21	26								
(97)	2	40		4	25	32		4	31	35								
	3	40		2	14	19		2	19	19								
	1	42			11	23			17	23								
	2	42		3	23	27		3	29	30								
	3	42		2	14	18		2	19	19								
	1	44			7	16			12	16								
	2	44		3	18	25		3	27	28								
	3	44		1	14	17		1	18	19								
2070	1	40		2	13	26		2	24	27								
(98)	2	40	1	5	23	33	1	5	31	34								
	3	40		1	12	18		1	20	20								
	1	42			11	20			15	21								
	2	42		4	18	30		4	30	32								
	3	42		1	12	18		1	18	18								
	1	44			8	15			10	15								
	2	44		3	16	28		3	28	30								
	3	44			12	17			17	18								
2070	1	40			8	18			18	19								
(99)	2	40			18	24			26	26								
	3	40			7	15			16	16								
	1	42			1	17			11	17								
	2	42			16	21			23	24								
	3	42			7	15			16	16								
	1	44				9			3	9								
	2	44			11	19			21	22								
	3	44			7	14			16	16								
2070	1	40			11	28			23	27								
(00)	2	40		1	28	33		1	34	35								
	3	40			11	21			23	24								
	1	42			7	27			16	27								
	2	42			25	30			34	34								
	3	42			11	20			21	21								
	1	44			1	11			7	14								
	2	44			17	29			29	31								
	3	44			10	19			20	21								
2070	1	40			10	24			24	25								
(01)	2	40			22	28			29	30								
	3	40			13	21			22	22								
	1	42			3	22			17	24								
	2	42			21	28			27	29								
	3	42			12	21			20	21								
	1	44			1	12			6	13								
	2	44			18	25			25	26								
	3	44			10	18			18	19								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(15a)

City	Melbourne	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			11	28			22	22								
(90)	2	40		3	23	36		3	33	33								
	3	40		1	6	18		1	18	18								
	1	42			7	26			14	13								
	2	42		1	22	35		1	30	30								
	3	42			4	18			15	15								
	1	44			3	22			6	4								
	2	44			16	32			28	28								
	3	44			3	17			13	13								
2070	1	40		5	12	19		5	16	15								
(91)	2	40	3	6	17	24	3	6	22	22								
	3	40	1	3	8	10	1	3	10	10								
	1	42		4	8	17		4	12	12								
	2	42	1	5	16	20	1	5	21	21								
	3	42		3	8	10		3	10	10								
	1	44		1	6	16		1	7	6								
	2	44		5	14	19		5	19	19								
	3	44		3	8	10		3	10	10								
2070	1	40		1	7	17		1	12	12								
(92)	2	40		1	13	24		1	21	21								
	3	40			2	14			10	10								
	1	42			1	15			8	8								
	2	42		1	11	21		1	20	20								
	3	42			2	11			9	9								
	1	44			1	11			1									
	2	44		1	9	21		1	18	18								
	3	44			2	9			9	9								
2070	1	40		1	11	24		1	23	23								
(93)	2	40		4	20	31		4	31	31								
	3	40		2	11	23		2	20	20								
	1	42		1	8	22		1	16	16								
	2	42		3	18	28		3	27	27								
	3	42		2	9	21		2	18	18								
	1	44			4	18			9	9								
	2	44		2	14	26		2	25	25								
	3	44		1	8	21		1	17	17								
2070	1	40			11	24			17	16								
(94)	2	40		4	16	30		4	25	25								
	3	40		3	8	13		3	12	12								
	1	42			6	16			10	10								
	2	42		3	16	27		3	25	25								
	3	42		3	8	13		3	12	12								
	1	44			5	16			5	2								
	2	44		2	13	26		2	21	21								
	3	44			7	12			9	9								
2070	1	40		1	9	20		1	14	14								
(95)	2	40		2	16	24		2	22	22								
	3	40			7	15			13	13								
	1	42			4	17			10	10								
	2	42		1	15	24		1	20	20								
	3	42			6	15			13	13								
	1	44			2	15			6	6								
	2	44		1	12	22		1	18	18								
	3	44			5	15			13	13								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(15a)

City	Melbourne	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	15			10	10								
(96)	2	40		1	11	22		1	19	19								
	3	40			3	8			6	6								
	1	42			1	13			4	4								
	2	42		1	7	22		1	17	17								
	3	42			2	7			6	6								
	1	44			1	6			1	1								
	2	44		1	5	19		1	14	14								
	3	44			2	6			6	6								
2070	1	40		3	16	27		3	21	21								
(97)	2	40	1	8	25	37	1	8	31	31								
	3	40		5	14	21		5	19	19								
	1	42		3	13	25		3	17	17								
	2	42		7	25	34		7	29	29								
	3	42		4	14	19		4	19	19								
	1	44			8	25			12	12								
	2	44		6	23	33		6	27	27								
	3	44		3	14	19		3	18	18								
2070	1	40		4	15	30		4	25	24								
(98)	2	40	1	7	25	37	1	7	32	31								
	3	40		3	12	22		3	20	20								
	1	42		2	13	26		2	16	14								
	2	42	1	7	23	36	1	7	30	30								
	3	42		3	12	22		3	18	18								
	1	44		1	9	23		1	11	8								
	2	44		6	18	33		6	28	28								
	3	44		2	12	21		2	17	17								
2070	1	40			10	21			18	18								
(99)	2	40			19	30			26	26								
	3	40			10	16			16	16								
	1	42			5	18			11	11								
	2	42			17	26			23	23								
	3	42			7	16			16	16								
	1	44				17			3	3								
	2	44			16	23			21	21								
	3	44			7	16			16	16								
2070	1	40			15	30			23	23								
(00)	2	40		4	28	37		4	34	34								
	3	40		1	13	28		1	23	23								
	1	42			9	28			16	16								
	2	42		1	28	36		1	34	34								
	3	42			11	26			21	21								
	1	44			4	27			9	7								
	2	44		1	25	34		1	29	29								
	3	44			11	26			20	20								
2070	1	40			13	28			24	24								
(01)	2	40		1	24	32		1	29	29								
	3	40			13	22			22	22								
	1	42			6	25			17	17								
	2	42		1	22	32		1	27	27								
	3	42			13	22			20	20								
	1	44			1	22			6	6								
	2	44			20	28			25	25								
	3	44			12	22			18	18								

APPENDIX - 6

(Predicted dangerous days for projected 2070 conditions)

Table - 6(16)

City	Melbourne	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	29	39		4	41	41								
(90)	2	40	3	12	37	46	3	12	56	57					4	4	18	18
	3	40	1	2	18	27	1	2	40	40					5	5	13	14
	1	42		1	24	35		1	35	36								
	2	42	1	11	34	46	1	11	53	54							12	12
	3	42		2	18	27		2	40	40							6	6
	1	44			22	30			32	33								
	2	44		7	31	41		7	49	50							5	5
	3	44		2	15	24		2	35	36							5	5
2070	1	40	5	6	19	26	5	6	27	28							5	5
(91)	2	40	7	14	23	36	6	13	41	43	2	2	4	4	6	6	14	14
	3	40	3	6	11	18	4	6	24	25	3	4	5	5	5	5	11	12
	1	42	3	5	17	20	3	5	24	24								
	2	42	5	11	21	31	5	11	37	37			2	2	5	5	10	10
	3	42	3	6	10	18	3	6	24	25	1	1	3	3	4	4	9	10
	1	44	1	5	15	19	1	5	22	22								
	2	44	5	9	20	29	5	9	30	31					2	2	7	7
	3	44	2	5	10	16	2	5	21	22			1	1	3	3	6	6
2070	1	40	1	1	19	28	1	1	31	31								
(92)	2	40	5	11	25	33	1	7	38	39					1	2	12	12
	3	40		2	12	22		2	29	29							8	8
	1	42		1	15	22		1	26	26								
	2	42	1	4	23	31	1	4	36	36							4	4
	3	42		1	11	22		1	26	27							3	4
	1	44		1	9	20		1	20	23								
	2	44	1	1	23	31	1	1	36	36							1	1
	3	44		1	9	21		1	26	27							1	1
2070	1	40	1	4	24	34	1	4	40	41					1	1	6	6
(93)	2	40	3	11	31	44	9	11	58	58	8	8	10	10	13	13	23	23
	3	40	2	6	22	29	7	9	41	41	7	7	9	9	11	12	20	20
	1	42	1	3	21	28	1	3	35	35							1	1
	2	42	3	11	27	41	7	11	52	52	4	4	5	5	9	9	19	19
	3	42	1	5	22	29	3	5	38	39	4	4	7	7	9	9	17	17
	1	44		2	18	25		2	30	30								
	2	44	2	8	26	37	3	8	47	47	1	1	2	2	4	4	11	11
	3	44	1	4	18	28	3	5	36	36	3	3	4	4	7	7	15	15
2070	1	40		5	24	34		5	42	42								
(94)	2	40	5	12	31	47	4	11	58	58					4	4	17	17
	3	40	3	6	13	27	3	6	34	34	1	1	1	1	2	5	16	18
	1	42		3	16	27		3	31	31								
	2	42	3	10	29	45	3	10	55	56							10	10
	3	42	1	5	12	25	1	5	32	32					1	1	8	9
	1	44		1	15	24		1	25	27								
	2	44	2	7	28	39	2	7	49	49							5	5
	3	44		4	12	21		4	31	31							4	5
2070	1	40	1	3	19	25	1	3	29	29							1	1
(95)	2	40	2	9	24	34	2	9	41	41	1	1	4	4	7	7	15	15
	3	40		5	15	20		4	27	27	1	1	1	1	4	4	19	19
	1	42		1	17	24		1	26	26								
	2	42	2	7	23	32	1	6	40	40					3	3	11	11
	3	42		2	15	20		1	27	27					2	2	12	12
	1	44		1	14	21		1	22	23								
	2	44	1	4	22	29	1	4	32	34							6	6
	3	44		2	15	18		1	27	27							7	7

APPENDIX - 6

(Predicted dangerous days for projected 2070 conditions)

Table - 6(16)

City	Melbourne	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	15	22		1	26	27							1	1
(96)	2	40	1	5	22	31	1	5	39	40					1	1	5	5
	3	40			8	15			21	21							2	4
	1	42		1	13	22		1	22	23								
	2	42	1	2	20	29	1	2	35	35					1	1	2	2
	3	42			7	13			21	21							2	2
	1	44			6	17			18	19								
	2	44		1	18	27		1	33	33							1	1
	3	44			6	11			19	19								
2070	1	40	3	10	27	39	3	10	42	43							6	6
(97)	2	40	7	18	37	47	8	18	51	51	1	1	3	3	8	8	21	21
	3	40	4	13	21	33	8	13	35	37	2	2	5	6	9	11	19	20
	1	42	3	7	26	35	3	7	38	39								
	2	42	7	14	35	47	7	14	50	50			1	1	4	4	16	16
	3	42	4	10	19	27	4	10	35	35	1	1	2	2	6	7	16	16
	1	44		4	24	31		4	31	34								
	2	44	5	14	34	44	5	14	48	49					2	2	13	13
	3	44	2	8	19	25	3	8	30	31			1	1	3	3	14	14
2070	1	40	4	9	30	37	4	9	39	40							4	4
(98)	2	40	8	16	36	41	8	15	45	46	1	1	4	4	8	8	19	19
	3	40	3	11	22	25	4	11	32	32	1	2	2	3	3	7	16	20
	1	42	2	7	26	36	2	7	33	36								
	2	42	7	15	34	40	6	14	44	44					3	3	13	14
	3	42	2	9	22	25	2	9	31	31			1	1	2	3	11	14
	1	44		5	21	30		5	31	32								
	2	44	7	13	33	39	6	12	43	43					1	1	9	9
	3	44	2	8	21	23	2	8	30	30					2	2	9	9
2070	1	40		1	22	34		1	37	39								
(99)	2	40	1	11	28	46	1	10	55	56			1	1	7	7	19	19
	3	40		4	16	24		4	36	36					3	3	26	27
	1	42			19	27			32	32								
	2	42		7	26	44		7	50	52					1	1	10	10
	3	42		3	16	21		3	35	35							11	12
	1	44			17	22			26	26								
	2	44		6	24	40		6	44	45							3	3
	3	44		1	16	20		1	33	33							6	6
2070	1	40		6	33	42		6	44	45							2	2
(00)	2	40	5	18	38	52	4	16	58	58			3	3	6	6	24	24
	3	40		10	27	35	1	10	41	41	1	1	1	1	7	8	25	28
	1	42		1	29	37		1	37	38								
	2	42	2	11	38	51	1	10	53	55					3	3	14	14
	3	42		7	27	34		7	38	38			1	1	3	3	17	18
	1	44		1	27	31		1	34	34								
	2	44	1	8	38	48	1	8	50	51							9	9
	3	44		7	26	33		7	34	34							12	12
2070	1	40		2	28	35		2	36	38							2	2
(01)	2	40	1	16	33	45	5	18	46	46	3	3	4	4	6	7	20	21
	3	40		7	23	30	3	9	33	34	3	3	3	3	6	6	17	19
	1	42		1	24	32		1	33	35								
	2	42		11	33	42	1	12	43	43	2	2	2	2	4	4	13	13
	3	42		5	22	29	3	7	30	31	3	3	3	3	3	3	9	9
	1	44			22	28			29	30								
	2	44		6	29	40		6	39	40					1	1	7	7
	3	44		3	21	26	2	4	30	30	3	3	3	3	3	3	6	6

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(16a)

City	Melbourne	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		11	31	46		11	41	41								
(90)	2	40	4	25	39	55	4	25	56	56		11		14	4	27	18	18
	3	40	1	10	20	38	1	10	40	40		14		18	5	29	13	13
	1	42		5	27	39		5	35	35								
	2	42	3	22	37	52	3	22	53	53		1		6		11	12	12
	3	42	1	8	18	33	1	8	40	40		2		4		18	6	6
	1	44		3	23	36		3	32	32								
	2	44	1	13	33	50	1	13	49	49						1	5	5
	3	44		3	18	31		3	35	35		1		2		4	5	5
2070	1	40	5	11	19	31	5	11	27	27						1	5	5
(91)	2	40	7	18	25	42	6	17	41	41	2	12	4	14	6	18	14	14
	3	40	4	10	11	26	4	10	24	24	3	11	5	11	5	19	11	11
	1	42	5	6	19	28	5	6	24	24								
	2	42	6	15	24	39	6	15	37	37		7	2	8	5	12	10	10
	3	42	3	9	11	24	3	9	24	24	1	7	3	8	4	10	9	9
	1	44	3	6	17	22	3	6	22	22								
	2	44	5	14	21	36	5	14	30	30		5		5	2	6	7	7
	3	44	3	8	10	22	3	8	21	21		5	1	6	3	8	6	6
2070	1	40	1	4	23	31	1	4	31	31								
(92)	2	40	5	17	28	43	1	13	38	38		6		7	1	15	12	12
	3	40		4	15	25		4	29	29		8		10		20	8	8
	1	42	1	1	16	30	1	1	26	26								
	2	42	1	9	26	42	1	9	36	36		1		1		6	4	4
	3	42		2	14	25		2	26	26		2		2		10	3	3
	1	44		1	13	23		1	20	20								
	2	44	1	7	23	37	1	7	36	36				1		1	1	1
	3	44		2	12	25		2	26	26		1		1		2	1	1
2070	1	40	2	11	25	41	2	11	40	40					1	1	6	6
(93)	2	40	4	20	35	56	9	20	58	58	8	13	10	16	13	26	23	23
	3	40	2	15	23	37	7	16	41	41	7	17	9	21	11	32	20	20
	1	42	1	7	24	35	1	7	35	35							1	1
	2	42	3	17	31	50	7	17	52	52	4	7	5	8	9	13	19	19
	3	42	2	12	23	35	4	12	38	38	4	7	7	13	9	21	17	17
	1	44		3	20	30		3	30	30								
	2	44	3	13	27	45	4	13	47	47	1	1	2	3	4	7	11	11
	3	44	2	8	22	34	4	8	36	36	3	4	4	6	7	13	15	15
2070	1	40	1	10	26	45	1	10	42	42								
(94)	2	40	6	17	33	56	5	16	58	58		11		13	4	18	17	17
	3	40	4	10	16	33	4	10	34	34	1	10	1	13	2	26	16	16
	1	42		5	19	36		5	31	31								
	2	42	4	14	32	53	4	14	55	55		4		6		11	10	10
	3	42	3	9	14	31	3	9	32	32		7		8	1	13	8	8
	1	44		4	16	29		4	25	25								
	2	44	3	13	29	52	3	13	49	49						4	5	5
	3	44	3	7	13	30	3	7	31	31		4		4		8	4	4
2070	1	40	1	6	21	32	1	6	29	29							1	1
(95)	2	40	4	16	24	37	3	16	41	41	1	9	4	13	7	21	15	15
	3	40	1	11	17	24	1	11	27	27	1	13	1	14	4	22	19	19
	1	42	1	3	18	26	1	3	26	26								
	2	42	2	14	24	36	1	14	40	40		2		4	3	10	11	11
	3	42		7	15	24		7	27	27		4		5	2	14	12	12
	1	44		1	16	24		1	22	22								
	2	44	1	10	23	34	1	10	32	32		1		1		2	6	6
	3	44		5	15	22		4	27	27		1		1		6	7	7

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(16a)

City	Melbourne	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	17	29		2	26	26							1	1
(96)	2	40	1	11	22	37	1	11	39	39		3		5	1	14	5	5
	3	40		5	9	20		5	21	21		5		7		15	2	2
	1	42		1	15	25		1	22	22								
	2	42	1	6	22	34	1	6	35	35		1		1	1	4	2	2
	3	42		3	8	19		3	21	21				3		7	2	2
	1	44		1	8	22		1	18	18								
	2	44	1	5	20	33	1	5	33	33				1		1	1	1
	3	44		2	7	17		2	19	19						3		
2070	1	40	4	14	32	47	4	14	42	42							6	6
(97)	2	40	9	25	39	56	9	25	51	51	1	16	3	22	8	25	21	21
	3	40	7	15	21	36	9	15	35	35	2	16	5	19	9	29	19	19
	1	42	3	11	26	41	3	11	38	38								
	2	42	8	23	38	54	8	23	50	50		10	1	13	4	16	16	16
	3	42	5	14	21	35	5	14	35	35	1	13	2	14	6	19	16	16
	1	44		7	25	36		7	31	31								
	2	44	7	21	35	50	7	21	48	48		5		7	2	10	13	13
	3	44	4	14	19	35	4	14	30	30		8	1	10	3	14	14	14
2070	1	40	5	14	32	40	5	14	39	39						1	4	4
(98)	2	40	10	25	37	49	10	25	45	45	1	16	4	18	8	28	19	19
	3	40	4	17	22	37	5	17	32	32	1	15	2	21	3	25	16	16
	1	42	3	12	28	39	3	12	33	33								
	2	42	8	21	36	46	7	21	44	44		10		13	3	16	13	13
	3	42	3	13	22	33	3	13	31	31		12	1	12	2	21	11	11
	1	44	1	7	24	36	1	7	31	31								
	2	44	7	17	34	43	6	17	43	43		4		5	1	9	9	9
	3	44	3	12	22	31	3	12	30	30		5		8	2	12	9	9
2070	1	40		7	24	44		7	37	37								
(99)	2	40	1	19	31	56	1	18	55	55		10	1	15	7	21	19	19
	3	40		13	17	34		13	36	36		13		15	3	23	26	26
	1	42		3	20	36		3	32	32								
	2	42		17	28	52		17	50	50		2		5	1	10	10	10
	3	42		10	16	28		10	35	35		5		7		15	11	11
	1	44			17	27			26	26								
	2	44		11	26	47		11	44	44						2	3	3
	3	44		7	16	26		7	33	33				3		8	6	6
2070	1	40	1	10	35	50	1	10	44	44							2	2
(00)	2	40	7	30	42	62	6	28	58	58		16	3	20	6	27	24	24
	3	40	3	21	29	39	3	21	41	41	1	18	1	22	7	32	25	25
	1	42		8	30	43		8	37	37								
	2	42	5	27	38	56	4	26	53	53		7		9	3	16	14	14
	3	42	1	15	29	37	1	15	38	38		10	1	12	3	23	17	17
	1	44		3	28	36		3	34	34								
	2	44	1	17	38	53	1	17	50	50		1		1		6	9	9
	3	44		11	27	36		11	34	34		5		8		11	12	12
2070	1	40		11	29	42		11	36	36							2	2
(01)	2	40	2	24	34	52	5	25	46	46	3	18	4	21	6	27	20	20
	3	40		19	23	37	3	20	33	33	3	16	3	22	6	27	17	17
	1	42		3	25	38		3	33	33								
	2	42	1	22	33	47	2	22	43	43	2	6	2	7	4	19	13	13
	3	42		15	22	33	3	16	30	30	3	9	3	14	3	22	9	9
	1	44		1	23	32		1	29	29								
	2	44		18	33	46		18	39	39				1	1	5	7	7
	3	44		12	22	31	2	13	30	30	3	4	3	7	3	14	6	6

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(17)

City	Melbourne	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	12			6	14								
(90)	2	40			9	23			21	23								
	3	40			2	6			7	8								
	1	42				7				7								
	2	42			7	23			19	23								
	3	42			2	4			5	6								
	1	44				4				4								
	2	44			5	18			14	19								
	3	44			1	3			5	5								
2070	1	40			6	12			8	12								
(91)	2	40		3	11	17		3	15	17								
	3	40		1	5	8		1	10	10								
	1	42			5	9			5	9								
	2	42		1	8	17		1	12	17								
	3	42			5	8			9	9								
	1	44			5	6			5	6								
	2	44			6	14			11	14								
	3	44			5	8			7	8								
2070	1	40			1	7			1	7								
(92)	2	40			3	13			12	13								
	3	40			1	2			3	3								
	1	42			1	1			1	1								
	2	42			1	11			12	13								
	3	42			1	2			2	2								
	1	44			1	1			1	1								
	2	44			1	9			7	11								
	3	44			1	2			2	2								
2070	1	40			3	11			10	12								
(93)	2	40			9	20			23	23								
	3	40			4	11			14	15								
	1	42			2	8			7	9								
	2	42			8	18			19	21								
	3	42			3	10			13	13								
	1	44			1	4			1	4								
	2	44			5	14			16	18								
	3	44			2	8			10	10								
2070	1	40			4	11			4	11								
(94)	2	40			9	16			16	18								
	3	40			4	8			7	8								
	1	42			2	7			2	7								
	2	42			6	16			12	18								
	3	42			4	8			7	8								
	1	44				5				5								
	2	44			5	14			10	15								
	3	44			4	7			6	7								
2070	1	40			1	9			6	9								
(95)	2	40			6	16			13	16								
	3	40			2	7			7	7								
	1	42			1	4			1	4								
	2	42			4	15			13	15								
	3	42			1	6			7	7								
	1	44			1	3			1	3								
	2	44			3	13			10	13								
	3	44			1	5			7	7								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(17)

City	Melbourne	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	5			1	5								
(96)	2	40			1	11			10	12								
	3	40				3			2	3								
	1	42				1				1								
	2	42			1	7			8	10								
	3	42				3			1	3								
	1	44				1				1								
	2	44			1	5			3	6								
	3	44				2			1	2								
2070	1	40			7	17			13	17								
(97)	2	40		1	14	25		1	21	26								
	3	40			8	14			13	14								
	1	42			4	13			6	13								
	2	42			12	25			18	25								
	3	42			8	14			13	14								
	1	44			3	8			3	8								
	2	44			10	23			17	23								
	3	44			7	14			13	14								
2070	1	40			8	16			11	16								
(98)	2	40		1	13	25		1	23	26								
	3	40			6	14			14	16								
	1	42			7	13			7	12								
	2	42		1	13	23		1	17	24								
	3	42			6	12			12	14								
	1	44			3	8			3	8								
	2	44			11	19			14	19								
	3	44			5	12			10	14								
2070	1	40				10			4	11								
(99)	2	40			7	18			18	19								
	3	40			1	10			12	12								
	1	42				6				6								
	2	42			3	17			16	19								
	3	42				7			9	10								
	1	44																
	2	44			1	17			11	17								
	3	44				7			8	9								
2070	1	40			3	16			9	18								
(00)	2	40			9	28			23	27								
	3	40			7	13			15	17								
	1	42			1	8			2	8								
	2	42			9	28			21	27								
	3	42			5	12			12	13								
	1	44				5				5								
	2	44			7	25			15	25								
	3	44			4	11			11	11								
2070	1	40			1	16			7	18								
(01)	2	40			9	24			24	25								
	3	40			3	13			13	14								
	1	42				6			2	7								
	2	42			4	23			22	24								
	3	42			2	12			11	13								
	1	44				2				2								
	2	44			3	21			16	23								
	3	44			1	12			9	13								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(17a)

City	Melbourne	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			4	23			7	4								
(90)	2	40			11	28			21	21								
	3	40			2	13			7	7								
	1	42			1	13			1									
	2	42			11	27			20	19								
	3	42			2	12			5	5								
	1	44				9												
	2	44			7	26			14	13								
	3	44			2	9			5	5								
2070	1	40		1	6	17		1	8	7								
(91)	2	40		5	12	19		5	16	15								
	3	40		2	6	10		2	10	10								
	1	42			5	13			5	5								
	2	42		5	10	19		5	12	12								
	3	42		1	6	10		1	9	9								
	1	44			5	10			5									
	2	44		3	8	17		3	11	11								
	3	44		1	5	10		1	7	7								
2070	1	40			1	11			1	1								
(92)	2	40		1	7	17		1	12	12								
	3	40			2	8			3	3								
	1	42			1	7			1									
	2	42		1	3	15		1	12	12								
	3	42			1	7			2	2								
	1	44			1	3			1									
	2	44			1	15			7	7								
	3	44			1	4			2	1								
2070	1	40			4	18			10	10								
(93)	2	40		1	11	24		1	23	23								
	3	40			5	14			14	14								
	1	42			2	13			7	6								
	2	42		1	10	24		1	19	19								
	3	42			4	14			13	13								
	1	44			1	8			1	1								
	2	44		1	7	22		1	16	16								
	3	44			4	13			10	10								
2070	1	40			5	16			5	2								
(94)	2	40			11	23			17	16								
	3	40			5	10			7	7								
	1	42			3	12			3									
	2	42			9	19			12	12								
	3	42			4	10			7	7								
	1	44			1	9			1									
	2	44			6	16			10	9								
	3	44			4	9			6	6								
2070	1	40			3	15			6	6								
(95)	2	40		1	9	20		1	13	13								
	3	40			2	14			7	7								
	1	42			1	10			1	1								
	2	42		1	5	19		1	13	13								
	3	42			2	12			7	7								
	1	44			1	5			1									
	2	44			4	17			10	10								
	3	44			1	10			7	7								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(17a)

City	Melbourne	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			1	7			1	1								
(96)	2	40			3	15			10	10								
	3	40				5			2	2								
	1	42			1	5			1									
	2	42			1	15			8	8								
	3	42				5			1	1								
	1	44				1												
	2	44			1	13			3	3								
	3	44				5			1	1								
2070	1	40			8	25			13	13								
(97)	2	40		3	16	26		3	21	21								
	3	40		1	10	18		1	13	13								
	1	42			7	19			7	4								
	2	42		3	14	25		3	18	18								
	3	42			9	15			13	13								
	1	44			3	14			3									
	2	44		3	12	25		3	17	17								
	3	44			8	14			13	13								
2070	1	40		1	10	23		1	13	9								
(98)	2	40		4	15	30		4	24	23								
	3	40			10	18			15	14								
	1	42			7	17			7	3								
	2	42		3	13	28		3	17	17								
	3	42			8	16			13	11								
	1	44			4	12			4									
	2	44		2	13	26		2	15	13								
	3	44			6	15			11	10								
2070	1	40				17			4	4								
(99)	2	40			10	21			18	18								
	3	40			3	14			12	12								
	1	42				11												
	2	42			7	19			16	16								
	3	42			2	13			9	9								
	1	44				6												
	2	44			3	18			11	11								
	3	44				12			8	8								
2070	1	40			5	27			10	8								
(00)	2	40			15	30			23	23								
	3	40			8	19			15	15								
	1	42			1	17			2	2								
	2	42			9	29			21	21								
	3	42			7	18			12	12								
	1	44				8												
	2	44			9	28			16	15								
	3	44			5	16			11	11								
2070	1	40			2	23			7	7								
(01)	2	40			13	27			24	24								
	3	40			6	19			14	13								
	1	42				18			2	2								
	2	42			9	25			22	22								
	3	42			3	17			11	11								
	1	44				8												
	2	44			4	24			16	16								
	3	44			2	16			9	9								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(18)

City	Melbourne	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			12	27			28	30								
(90)	2	40		1	24	33		1	35	35								
	3	40			9	18			19	19								
	1	42			7	23			21	23								
	2	42			23	32			34	35								
	3	42			6	15			19	19								
	1	44			4	16			13	17								
	2	44			22	30			32	33								
	3	44			3	14			19	19								
2070	1	40		5	13	19		5	19	20								
(91)	2	40	3	5	17	20	3	5	24	24								
	3	40	1	3	8	10	1	3	10	10								
	1	42		3	9	17		3	15	17								
	2	42	3	5	17	19	3	5	24	24								
	3	42	1	2	8	10	1	2	10	10								
	1	44			6	14			11	14								
	2	44	1	5	15	19	1	5	22	22								
	3	44		2	8	10		2	10	10								
2070	1	40		1	7	15		1	18	18								
(92)	2	40		1	14	22		1	26	26								
	3	40			2	11			14	14								
	1	42			3	13			12	13								
	2	42		1	13	21		1	22	23								
	3	42			2	9			12	12								
	1	44			1	8			4	9								
	2	44		1	9	20		1	20	23								
	3	44			2	9			11	11								
2070	1	40		1	12	24		1	25	26								
(93)	2	40	1	3	20	28	1	3	33	33							1	1
	3	40		1	13	21		1	22	22							1	1
	1	42			9	20			23	23								
	2	42		2	20	26		2	32	32							1	1
	3	42		1	11	17		1	22	22								
	1	44			4	13			16	17								
	2	44		2	18	25		2	30	30								
	3	44			9	17			22	22								
2070	1	40			11	19			21	21								
(94)	2	40		3	16	27		3	29	30								
	3	40		1	8	12		1	16	16								
	1	42			9	16			16	18								
	2	42		2	16	26		2	28	29								
	3	42			8	12			14	16								
	1	44			5	13			10	14								
	2	44		1	15	24		1	25	27								
	3	44			8	11			12	13								
2070	1	40		1	10	19		1	18	20								
(95)	2	40		1	17	23		1	25	25								
	3	40			8	15			15	16								
	1	42			6	16			13	16								
	2	42		1	16	22		1	23	24								
	3	42			7	15			15	16								
	1	44			3	11			10	11								
	2	44		1	14	21		1	22	23								
	3	44			6	15			14	15								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(18)

City	Melbourne	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	15			14	15								
(96)	2	40		1	13	21		1	22	22								
	3	40			3	7			9	9								
	1	42			1	11			8	12								
	2	42		1	8	19		1	20	20								
	3	42			3	6			6	6								
	1	44			1	5			2	5								
	2	44			6	17			18	19								
	3	44			2	5			6	6								
2070	1	40		3	18	25		3	27	28								
(97)	2	40	3	7	26	35	3	7	38	39								
	3	40		4	14	19		4	19	19								
	1	42		1	14	25		1	20	26								
	2	42		6	25	33		6	35	38								
	3	42		2	14	19		2	19	19								
	1	44			10	23			17	23								
	2	44		4	24	31		4	31	34								
	3	44		2	14	19		2	19	19								
2070	1	40		3	16	28		3	28	30								
(98)	2	40	2	7	26	34	2	7	33	35								
	3	40		2	14	22		2	20	22								
	1	42		1	13	24		1	21	25								
	2	42	1	6	24	33	1	6	32	34								
	3	42		2	12	21		2	20	22								
	1	44			10	18			13	18								
	2	44		5	21	30		5	31	32								
	3	44		2	12	19		2	20	21								
2070	1	40			11	19			21	22								
(99)	2	40			19	27			31	31								
	3	40			11	16			18	18								
	1	42			7	18			18	19								
	2	42			18	24			28	28								
	3	42			10	15			17	17								
	1	44			1	14			10	17								
	2	44			17	22			26	26								
	3	44			7	15			16	16								
2070	1	40			17	29			29	31								
(00)	2	40		1	29	37		1	37	38								
	3	40			15	26			28	28								
	1	42			9	28			22	27								
	2	42		1	28	34		1	36	37								
	3	42			13	25			24	26								
	1	44			6	23			14	23								
	2	44		1	27	31		1	34	34								
	3	44			11	23			24	25								
2070	1	40			18	25			25	26								
(01)	2	40			24	32			32	34								
	3	40			14	22			23	24								
	1	42			7	23			24	24								
	2	42			23	28			30	31								
	3	42			13	21			22	22								
	1	44			2	19			14	22								
	2	44			22	28			29	30								
	3	44			13	21			22	22								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(18a)

City	Melbourne	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			16	32			28	28								
(90)	2	40		5	27	39		5	35	35								
	3	40		1	9	22		1	19	19								
	1	42			11	28			21	21								
	2	42		4	24	38		4	34	34								
	3	42		1	9	21		1	19	19								
	1	44			5	24			13	11								
	2	44		3	23	36		3	32	32								
	3	44		1	7	18		1	19	19								
2070	1	40		5	14	19		5	19	19								
(91)	2	40	5	6	19	27	5	6	24	24								
	3	40	1	5	10	10	1	5	10	10								
	1	42		5	11	19		5	15	15								
	2	42	3	6	17	24	3	6	24	24								
	3	42	1	4	10	10	1	4	10	10								
	1	44		3	7	17		3	11	10								
	2	44	3	6	17	22	3	6	22	22								
	3	44	1	4	8	10	1	4	10	10								
2070	1	40		1	9	21		1	18	18								
(92)	2	40	1	1	16	30	1	1	26	26								
	3	40		1	5	18		1	14	14								
	1	42		1	4	16		1	12	12								
	2	42		1	14	27		1	22	22								
	3	42			2	15			12	12								
	1	44			1	13			4	4								
	2	44		1	13	23		1	20	20								
	3	44			2	14			11	11								
2070	1	40		2	14	26		2	25	25								
(93)	2	40	1	6	24	35	1	6	33	33							1	1
	3	40		2	14	24		2	22	22							1	1
	1	42		1	11	24		1	23	23								
	2	42	1	4	21	34	1	4	32	32							1	1
	3	42		2	12	23		2	22	22								
	1	44		1	7	20		1	16	16								
	2	44		3	20	30		3	30	30								
	3	44		2	12	23		2	22	22								
2070	1	40		2	13	26		2	21	21								
(94)	2	40		5	19	36		5	29	29								
	3	40		4	10	19		4	16	16								
	1	42			11	22			17	16								
	2	42		5	16	31		5	28	28								
	3	42		4	8	15		4	14	14								
	1	44			6	16			10	9								
	2	44		4	16	29		4	25	25								
	3	44		3	8	13		3	12	12								
2070	1	40		1	12	22		1	18	18								
(95)	2	40		3	18	26		3	25	25								
	3	40		1	10	17		1	15	15								
	1	42		1	7	19		1	13	13								
	2	42		3	17	24		3	23	23								
	3	42		1	8	17		1	15	15								
	1	44			4	17			10	10								
	2	44		1	16	24		1	22	22								
	3	44			7	15			14	14								

APPENDIX - 6
(Predicted dangerous days for projected 2070 conditions)

Table - 6(18a)

City	Melbourne	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	5	19		1	14	14								
(96)	2	40		1	15	24		1	22	22								
	3	40			5	10			9	9								
	1	42			3	15			10	8								
	2	42		1	13	22		1	20	20								
	3	42			5	9			6	6								
	1	44			1	13			2	2								
	2	44		1	8	22		1	18	18								
	3	44			3	8			6	6								
2070	1	40		6	23	33		6	27	27								
(97)	2	40	3	11	26	41	3	11	38	38								
	3	40		7	14	22		7	19	19								
	1	42		3	14	26		3	20	20								
	2	42	3	9	25	37	3	9	35	35								
	3	42		7	14	22		7	19	19								
	1	44		3	11	25		3	17	17								
	2	44		7	25	36		7	31	31								
	3	44		5	14	21		5	19	19								
2070	1	40		6	18	33		6	28	28								
(98)	2	40	3	11	28	39	3	11	33	33								
	3	40		5	15	23		5	20	20								
	1	42		4	15	29		4	22	21								
	2	42	2	9	26	37	2	9	32	32								
	3	42		5	15	23		5	20	20								
	1	44		2	13	26		2	15	12								
	2	44	1	7	24	36	1	7	31	31								
	3	44		4	14	22		4	20	20								
2070	1	40			16	23			21	21								
(99)	2	40		3	20	36		3	31	31								
	3	40			12	19			18	18								
	1	42			8	21			18	18								
	2	42			19	31			28	28								
	3	42			12	17			17	17								
	1	44			3	18			10	9								
	2	44			17	27			26	26								
	3	44			10	17			16	16								
2070	1	40		1	25	34		1	29	29								
(00)	2	40		8	30	42		8	37	37								
	3	40		4	17	29		4	28	28								
	1	42			11	30			22	22								
	2	42		5	28	39		5	36	36								
	3	42		3	15	28		3	24	24								
	1	44			9	28			15	14								
	2	44		3	28	36		3	34	34								
	3	44		1	13	28		1	24	24								
2070	1	40			20	28			25	25								
(01)	2	40		3	25	38		3	32	32								
	3	40		1	16	24		1	23	23								
	1	42			12	26			24	24								
	2	42		2	24	34		2	30	30								
	3	42			14	22			22	22								
	1	44			3	24			14	14								
	2	44		1	23	32		1	29	29								
	3	44			14	22			22	22								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(1)

City	Perth	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			16	32			29	34								
(90)	2	40			28	52			60	63								
	3	40		1	17	30		1	44	45								
	1	42			7	19			16	21								
	2	42			23	44			48	51								
	3	42		1	14	30		1	39	40								
	1	44			4	14			3	13								
	2	44			19	39			41	45								
	3	44			14	29			35	36								
2070	1	40	2	4	22	46	2	4	35	49								
(91)	2	40	4	4	36	68	4	4	70	75								
	3	40	2	3	29	49	2	3	58	58								
	1	42	2	2	17	34	2	2	22	35								
	2	42	2	4	35	62	2	4	62	68								
	3	42	2	3	27	45	2	3	51	52								
	1	44		2	13	22		2	16	21								
	2	44	2	4	31	60	2	4	51	63								
	3	44	2	3	23	42	2	3	47	48								
2070	1	40			16	42			30	44								
(92)	2	40		2	39	57		2	62	64								
	3	40			15	35			39	40								
	1	42			8	29			11	29								
	2	42		2	32	56		2	55	61								
	3	42			11	30			36	37								
	1	44			5	16			4	16								
	2	44		1	28	50		1	47	57								
	3	44			10	28			33	34								
2070	1	40			16	44			31	47								
(93)	2	40		3	34	65		3	65	69								
	3	40			19	42			48	48								
	1	42			9	31			17	31								
	2	42			25	61			57	63								
	3	42			18	40			45	46								
	1	44			5	17			5	16								
	2	44			21	54			49	57								
	3	44			13	38			43	45								
2070	1	40		1	24	63		1	41	66								
(94)	2	40		1	49	87		1	79	87								
	3	40			35	63			63	64								
	1	42			12	41			17	39								
	2	42		1	41	84		1	75	85								
	3	42			26	61			63	63								
	1	44			5	25			6	24								
	2	44		1	32	79		1	63	82								
	3	44			24	58			58	63								
2070	1	40		2	20	47		2	36	48								
(95)	2	40		7	40	71		7	74	77								
	3	40			30	46			46	49								
	1	42			13	37			16	37								
	2	42		4	30	64		4	65	71								
	3	42			28	42			45	46								
	1	44			10	22			13	22								
	2	44		2	27	62		2	53	65								
	3	44			25	41			43	45								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(1)

City	Perth	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	24	57		2	45	59								
(96)	2	40	1	6	47	75	1	6	70	78								
	3	40		1	33	53		1	53	55								
	1	42			16	42			26	43								
	2	42		4	41	70		4	65	72								
	3	42		1	26	52		1	53	54								
	1	44			7	28			7	28								
	2	44		3	32	66		3	55	67								
	3	44		1	25	52		1	52	54								
2070	1	40		3	21	51		3	34	52								
(97)	2	40	3	5	39	69	3	5	70	75								
	3	40	1	4	30	46	1	4	50	53								
	1	42		2	17	33		2	22	35								
	2	42	2	5	30	65	2	5	59	70								
	3	42	1	4	28	44	1	4	46	49								
	1	44			8	22			12	22								
	2	44	1	5	26	59	1	5	49	64								
	3	44	1	3	22	43	1	3	43	46								
2070	1	40		1	22	63		1	42	67								
(98)	2	40	1	6	52	82	1	6	87	91								
	3	40	1	4	44	62	1	4	73	73								
	1	42		1	14	44		1	19	45								
	2	42	1	3	42	79	1	3	79	84								
	3	42		3	34	62		3	71	71								
	1	44			11	30			11	30								
	2	44	1	1	34	77	1	1	61	79								
	3	44		2	27	62		2	67	70								
2070	1	40			27	62			45	66								
(99)	2	40		2	50	81		2	91	94								
	3	40			35	60			81	81								
	1	42			15	47			27	49								
	2	42		1	43	78		1	83	91								
	3	42			30	57			72	76								
	1	44			5	34			5	34								
	2	44		1	36	76		1	70	83								
	3	44			26	57			64	70								
2070	1	40			16	52			38	55								
(00)	2	40		2	37	73		2	72	78								
	3	40		1	30	53		1	59	59								
	1	42			10	34			20	36								
	2	42		1	33	67		1	63	72								
	3	42			25	51			59	59								
	1	44			4	21			9	23								
	2	44		1	27	64		1	57	66								
	3	44			20	51			53	56								
2070	1	40			14	44			31	48								
(01)	2	40		1	34	68		1	61	69								
	3	40		1	22	46		1	47	50								
	1	42			9	30			19	32								
	2	42			28	65			53	66								
	3	42		1	18	44		1	44	47								
	1	44			2	14			3	14								
	2	44			19	58			46	61								
	3	44			17	43			44	47								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(1a)

City	Perth	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			16	43			29	29								
(90)	2	40		4	32	65		4	60	60								
	3	40		3	19	44		3	44	44								
	1	42			11	32			17	15								
	2	42		4	27	60		4	48	48								
	3	42		1	17	37		1	39	39								
	1	44			5	24			4	2								
	2	44		2	21	55		2	41	41								
	3	44		1	15	35		1	35	35								
2070	1	40	2	4	25	62	2	4	36	35								
(91)	2	40	4	13	45	76	4	13	70	70								
	3	40	2	9	35	59	2	9	58	58								
	1	42	2	4	19	50	2	4	23	22								
	2	42	4	13	38	72	4	13	62	62								
	3	42	2	5	33	53	2	5	51	51								
	1	44		4	14	35		4	16	11								
	2	44	2	6	35	71	2	6	52	50								
	3	44	2	5	29	50	2	5	47	47								
2070	1	40		2	21	54		2	31	30								
(92)	2	40		4	43	68		4	62	62								
	3	40		1	24	42		1	39	39								
	1	42		1	10	41		1	11	10								
	2	42		4	39	64		4	56	55								
	3	42		1	21	39		1	36	36								
	1	44			5	34			4									
	2	44		4	32	59		4	48	47								
	3	44		1	14	38		1	33	33								
2070	1	40			17	59			31	31								
(93)	2	40		5	42	78		5	65	65								
	3	40		3	28	49		3	48	48								
	1	42			11	50			17	13								
	2	42		4	35	75		4	57	57								
	3	42		1	26	48		1	45	45								
	1	44			5	32			5	2								
	2	44		3	23	66		3	49	49								
	3	44		1	18	46		1	43	43								
2070	1	40		1	27	83		1	42	38								
(94)	2	40	1	6	61	92	1	6	79	79								
	3	40		1	45	72		1	63	63								
	1	42		1	17	68		1	21	17								
	2	42		3	47	88		3	75	75								
	3	42			39	68			63	63								
	1	44			7	43			6	4								
	2	44		1	40	86		1	66	63								
	3	44			31	65			59	57								
2070	1	40		4	22	64		4	36	36								
(95)	2	40	2	10	46	81	2	10	74	74								
	3	40		4	34	53		4	46	46								
	1	42		2	18	55		2	19	13								
	2	42		10	41	75		10	65	65								
	3	42		2	34	50		2	45	45								
	1	44			10	40			13	7								
	2	44		7	30	71		7	53	53								
	3	44		2	28	49		2	43	43								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(1a)

City	Perth	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	28	70		4	46	44								
(96)	2	40	2	12	54	87	2	12	70	70								
	3	40	1	7	41	59	1	7	53	53								
	1	42		3	21	60		3	31	22								
	2	42	1	8	47	82	1	8	65	65								
	3	42		5	38	58		5	53	53								
	1	44		1	12	47		1	12	5								
	2	44		6	41	78		6	57	55								
	3	44		3	30	58		3	52	52								
2070	1	40		5	22	65		5	34	34								
(97)	2	40	3	12	45	81	3	12	70	70								
	3	40	1	9	35	55	1	9	50	50								
	1	42		4	19	54		4	24	16								
	2	42	3	8	39	76	3	8	59	59								
	3	42	1	8	34	55	1	8	46	46								
	1	44		3	11	39		3	15	9								
	2	44	2	7	30	73	2	7	50	49								
	3	44	1	7	30	50	1	7	43	43								
2070	1	40		3	31	79		3	46	42								
(98)	2	40	1	12	61	94	1	12	87	87								
	3	40	1	8	50	79	1	8	73	73								
	1	42		1	15	68		1	20	17								
	2	42	1	11	54	89	1	11	79	79								
	3	42	1	6	45	76	1	6	71	71								
	1	44		1	11	52		1	11	6								
	2	44	1	10	42	84	1	10	64	61								
	3	44		5	38	73		5	67	67								
2070	1	40		1	34	78		1	47	43								
(99)	2	40		11	57	102		11	91	91								
	3	40		3	40	80		3	81	81								
	1	42			21	67			28	25								
	2	42		5	50	93		5	84	83								
	3	42		2	37	73		2	72	72								
	1	44			10	50			10	2								
	2	44		4	43	87		4	70	70								
	3	44		2	34	70		2	64	64								
2070	1	40		1	23	67		1	40	38								
(00)	2	40		6	50	95		6	72	72								
	3	40		3	38	60		3	59	59								
	1	42			11	57			20	17								
	2	42		4	40	86		4	65	63								
	3	42		2	34	57		2	59	59								
	1	44			5	37			9	8								
	2	44		4	33	77		4	57	57								
	3	44		1	26	57		1	53	53								
2070	1	40			16	65			31	31								
(01)	2	40		7	42	74		7	62	61								
	3	40		3	29	54		3	47	47								
	1	42			11	50			19	16								
	2	42		2	35	69		2	53	53								
	3	42		2	28	51		2	44	44								
	1	44			5	33			6	1								
	2	44		2	28	68		2	47	46								
	3	44		1	19	50		1	44	44								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(2)

City	Perth	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			23	44			48	51								
(90)	2	40		4	42	67		4	71	73								
	3	40		3	27	45		3	58	58								
	1	42			16	33			31	37								
	2	42		4	35	62		4	69	70								
	3	42		1	25	39		1	54	54								
	1	44			10	25			20	27								
	2	44		2	29	57		2	65	66								
	3	44		1	22	36		1	51	51								
2070	1	40	2	4	35	63	2	4	62	69								
(91)	2	40	4	13	58	77	4	13	91	92							2	2
	3	40	2	9	41	58	2	9	73	73							3	3
	1	42	2	4	25	51	2	4	42	54								
	2	42	4	13	48	72	4	13	84	84							1	1
	3	42	2	5	39	53	2	5	67	67							3	3
	1	44	2	4	18	35	2	4	22	36								
	2	44	4	8	43	71	4	8	78	81							1	1
	3	44	2	5	36	52	2	5	63	63							2	2
2070	1	40		2	32	56		2	55	61								
(92)	2	40	1	4	49	69	1	4	76	78								
	3	40		2	27	41		2	51	52								
	1	42		1	21	44		1	40	49								
	2	42		4	46	65		4	70	71								
	3	42		1	27	39		1	49	49								
	1	44			9	36			15	35								
	2	44		4	41	59		4	64	65								
	3	44		1	26	38		1	47	47								
2070	1	40			28	63			57	65								
(93)	2	40		5	53	78		5	82	85								
	3	40		3	35	49		3	62	62								
	1	42			17	50			43	55								
	2	42		4	49	75		4	75	79								
	3	42		1	35	48		1	58	59								
	1	44			9	32			24	34								
	2	44		3	38	68		3	69	72								
	3	44		1	31	47		1	57	58								
2070	1	40		1	42	85		1	75	86								
(94)	2	40	1	8	76	95	1	8	92	95								
	3	40		1	56	72		1	73	74								
	1	42		1	28	69		1	51	74								
	2	42	1	3	71	91	1	3	90	92								
	3	42			53	69			73	73								
	1	44			16	45			26	46								
	2	44	1	1	57	88	1	1	84	87								
	3	44			49	67			73	73								
2070	1	40		4	33	65		4	65	71								
(95)	2	40	2	10	61	81	2	10	89	93							1	1
	3	40		5	40	53		5	64	65								
	1	42		2	22	55		2	44	56								
	2	42	2	10	48	75	2	10	85	88								
	3	42		3	40	50		3	60	60								
	1	44			15	40			23	41								
	2	44	1	7	43	71	1	7	77	78								
	3	44		2	37	49		2	53	55								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(2)

City	Perth	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	41	72		4	65	74								
(96)	2	40	3	12	63	87	3	12	94	98								
	3	40	1	7	48	59	1	7	71	73								
	1	42		3	27	60		3	47	62								
	2	42	2	8	58	82	2	8	86	90								
	3	42	1	5	47	58	1	5	67	68								
	1	44		1	20	47		1	35	48								
	2	44	1	6	50	78	1	6	78	82								
	3	44	1	3	44	58	1	3	61	63								
2070	1	40	2	5	30	66	2	5	59	70								
(97)	2	40	4	14	57	83	4	14	93	95							2	2
	3	40	1	10	39	55	1	10	67	67							3	3
	1	42		4	22	54		4	41	56								
	2	42	4	9	54	76	4	9	88	89								
	3	42	1	8	37	55	1	8	63	64							1	1
	1	44		3	17	39		3	23	40								
	2	44	3	7	41	73	3	7	82	83								
	3	44	1	7	35	50	1	7	60	61							1	1
2070	1	40	1	3	43	80	1	3	79	84								
(98)	2	40	1	12	76	94	1	12	104	106								
	3	40	2	8	61	79	2	8	88	89								
	1	42		1	26	68		1	50	73								
	2	42	1	11	64	89	1	11	99	101								
	3	42	1	6	54	76	1	6	83	85								
	1	44		1	15	52		1	28	55								
	2	44	1	10	57	84	1	10	91	95								
	3	44	1	5	52	74	1	5	79	80								
2070	1	40		1	45	79		1	83	91								
(99)	2	40	1	11	71	102	1	11	113	114								
	3	40		3	52	79		3	95	96								
	1	42			31	67			58	75								
	2	42		6	63	93		6	105	105								
	3	42		2	49	74		2	91	92								
	1	44			18	50			30	53								
	2	44		4	51	87		4	96	100								
	3	44		2	42	72		2	90	91								
2070	1	40		1	33	67		1	63	72								
(00)	2	40	1	8	59	95	1	8	98	102								
	3	40		3	50	60		3	73	73								
	1	42			20	57			47	59								
	2	42		4	54	86		4	88	94								
	3	42		2	48	57		2	67	67								
	1	44			10	37			23	39								
	2	44		4	44	77		4	77	83								
	3	44		1	44	57		1	63	64								
2070	1	40			29	65			53	66								
(01)	2	40		7	56	75		7	74	78								
	3	40		3	39	53		3	62	63								
	1	42			15	50			37	54								
	2	42		3	47	69		3	70	73								
	3	42		3	37	51		3	60	61								
	1	44			10	34			23	38								
	2	44		2	39	69		2	66	73								
	3	44		1	32	50		1	56	58								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(2a)

City	Perth	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	27	60		4	48	48								
(90)	2	40		13	46	81		13	71	71								
	3	40		6	31	58		6	58	58								
	1	42			19	46			31	31								
	2	42		10	42	73		10	69	69								
	3	42		5	29	53		5	54	54								
	1	44			12	36			20	18								
	2	44		6	34	69		6	65	65								
	3	44		4	25	49		4	51	51								
2070	1	40	4	13	38	72	4	13	62	62								
(91)	2	40	4	17	62	95	4	17	91	91							2	2
	3	40	3	15	43	68	3	15	73	73							3	3
	1	42	2	4	31	67	2	4	44	42								
	2	42	4	16	59	90	4	16	84	84							1	1
	3	42	2	12	42	66	2	12	67	67							3	3
	1	44	2	4	20	57	2	4	23	22								
	2	44	4	14	48	87	4	14	78	78							1	1
	3	44	2	11	40	63	2	11	63	63							2	2
2070	1	40		4	39	64		4	56	55								
(92)	2	40	2	11	57	76	2	11	76	76								
	3	40		6	30	54		6	51	51								
	1	42		2	27	56		2	40	40								
	2	42	1	7	49	71	1	7	70	70								
	3	42		4	29	51		4	49	49								
	1	44		1	14	45		1	17	15								
	2	44		6	44	69		6	64	64								
	3	44		3	26	46		3	47	47								
2070	1	40		4	35	75		4	57	57								
(93)	2	40		14	59	88		14	82	82								
	3	40		7	38	62		7	62	62								
	1	42		1	20	62		1	43	43								
	2	42		10	53	86		10	75	75								
	3	42		6	37	57		6	58	58								
	1	44			13	51			24	23								
	2	44		8	49	82		8	69	69								
	3	44		4	35	53		4	57	57								
2070	1	40		3	47	88		3	75	75								
(94)	2	40	1	21	86	107	1	21	92	92								
	3	40		10	60	83		10	73	73								
	1	42		1	33	85		1	53	49								
	2	42	1	14	80	106	1	14	90	90								
	3	42		10	58	79		10	73	73								
	1	44		1	22	71		1	28	23								
	2	44	1	9	69	99	1	9	85	84								
	3	44		5	55	79		5	73	73								
2070	1	40		10	41	75		10	65	65								
(95)	2	40	2	20	64	99	2	20	89	89							1	1
	3	40		13	41	66		13	64	64								
	1	42		6	27	70		6	45	44								
	2	42	2	18	62	96	2	18	85	85								
	3	42		12	41	63		12	60	60								
	1	44		2	19	61		2	24	22								
	2	44	2	13	48	87	2	13	77	77								
	3	44		10	40	59		10	53	53								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(2a)

City	Perth	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	8	47	82	1	8	65	65								
(96)	2	40	3	23	69	102	3	23	94	94								
	3	40	1	15	52	71	1	15	71	71								
	1	42		5	34	74		5	48	47								
	2	42	3	21	64	98	3	21	86	86								
	3	42	1	12	50	67	1	12	67	67								
	1	44		3	23	63		3	35	30								
	2	44	2	15	58	88	2	15	78	78								
	3	44	1	10	47	64	1	10	61	61								
2070	1	40	3	9	39	76	3	9	59	59								
(97)	2	40	5	21	65	98	5	21	93	93							2	2
	3	40	4	15	43	74	4	15	67	67							3	3
	1	42	1	5	26	69	1	5	41	41								
	2	42	4	19	59	91	4	19	88	88								
	3	42	1	14	42	68	1	14	63	63							1	1
	1	44		4	21	57		4	26	22								
	2	44	4	17	54	84	4	17	82	82								
	3	44	1	13	38	61	1	13	60	60							1	1
2070	1	40	1	11	54	89	1	11	79	79								
(98)	2	40	2	22	79	110	2	22	104	104								
	3	40	2	15	62	89	2	15	88	88								
	1	42	1	6	34	82	1	6	53	49								
	2	42	1	15	76	106	1	15	99	99								
	3	42	2	11	61	88	2	11	83	83								
	1	44		1	18	76		1	29	26								
	2	44	1	14	64	98	1	14	91	91								
	3	44	2	11	57	85	2	11	79	79								
2070	1	40		6	50	93		6	84	83								
(99)	2	40	1	26	77	116	1	26	113	113								
	3	40		16	57	93		16	95	95								
	1	42		2	36	80		2	60	57								
	2	42	1	20	74	109	1	20	105	105								
	3	42		14	54	88		14	91	91								
	1	44		1	23	71		1	32	28								
	2	44		15	63	106		15	97	96								
	3	44		11	49	87		11	90	90								
2070	1	40		4	40	86		4	65	63								
(00)	2	40	1	15	67	110	1	15	98	98								
	3	40		12	51	82		12	73	73								
	1	42		2	26	71		2	47	47								
	2	42	1	11	63	106	1	11	88	88								
	3	42		10	50	76		10	67	67								
	1	44		1	14	59		1	24	21								
	2	44		10	54	98		10	77	77								
	3	44		7	49	71		7	63	63								
2070	1	40		3	35	69		3	53	53								
(01)	2	40		12	62	86		12	74	74								
	3	40		7	43	63		7	62	62								
	1	42		1	19	67		1	40	37								
	2	42		9	58	80		9	70	70								
	3	42		6	42	60		6	60	60								
	1	44			13	56			24	21								
	2	44		8	47	76		8	66	66								
	3	44		6	39	58		6	56	56								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(3)

City	Perth	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			24	46			49	53								
(90)	2	40		5	43	70		5	73	77							1	1
	3	40		3	28	45		3	60	60								
	1	42			16	36			36	41								
	2	42		4	37	66		4	70	72								
	3	42		2	25	42		2	56	56								
	1	44			13	26			21	28								
	2	44		2	32	59		2	67	68								
	3	44		1	25	39		1	54	54								
2070	1	40	2	4	35	65	2	4	65	72								
(91)	2	40	4	13	61	78	4	13	92	93							3	3
	3	40	2	10	42	59	2	10	73	73							4	4
	1	42	2	4	25	55	2	4	46	59								
	2	42	4	13	51	74	4	13	88	89							2	2
	3	42	2	6	40	55	2	6	69	70							3	3
	1	44	2	4	19	40	2	4	25	41								
	2	44	4	8	44	71	4	8	83	84							1	1
	3	44	2	5	38	53	2	5	63	63							2	2
2070	1	40		2	35	56		2	58	63								
(92)	2	40	1	5	52	70	1	5	76	78								
	3	40		2	28	42		2	52	54								
	1	42		1	22	45		1	45	53								
	2	42	1	4	47	66	1	4	72	74								
	3	42		1	27	40		1	50	51								
	1	44			11	38			16	36								
	2	44		4	44	62		4	68	69								
	3	44		1	26	39		1	48	48								
2070	1	40			34	63			59	65								
(93)	2	40		7	56	82		7	82	88								
	3	40		3	37	49		3	63	63								
	1	42			17	51			44	56								
	2	42		4	52	75		4	77	79								
	3	42		2	35	49		2	59	61								
	1	44			11	36			25	38								
	2	44		4	41	70		4	71	74								
	3	44		1	34	48		1	57	58								
2070	1	40		1	44	86		1	78	87								
(94)	2	40	1	9	83	97	1	9	94	98								
	3	40		3	57	74		2	73	75								
	1	42		1	29	70		1	56	76								
	2	42	1	4	74	92	1	4	91	94								
	3	42		1	55	71		1	73	74								
	1	44			17	45			30	48								
	2	44	1	2	62	89	1	2	86	88								
	3	44			53	68			73	73								
2070	1	40		4	38	68		4	69	74								
(95)	2	40	2	11	62	82	2	11	91	96							1	1
	3	40		6	41	55		6	66	68								
	1	42		2	22	58		2	47	60								
	2	42	2	10	55	76	2	10	89	92								
	3	42		4	40	53		4	61	62								
	1	44			18	42			27	43								
	2	44	2	8	44	72	2	8	80	81								
	3	44		2	39	49		2	56	57								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(3)

City	Perth	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	44	73		4	67	75								
(96)	2	40	3	13	66	87	3	13	95	99								
	3	40	1	7	50	59	1	7	74	74								
	1	42		3	28	62		3	49	62								
	2	42	3	11	60	84	3	11	88	93								
	3	42	1	6	47	58	1	6	68	69								
	1	44		1	21	48		1	37	50								
	2	44	2	7	54	79	2	7	80	85								
	3	44	1	3	45	58	1	3	63	65								
2070	1	40	2	5	34	66	2	5	62	70								
(97)	2	40	5	14	59	83	5	14	95	97							3	3
	3	40	1	10	41	58	1	10	70	72							3	3
	1	42		4	22	55		4	43	58								
	2	42	4	9	54	77	4	9	90	92							1	1
	3	42	1	9	38	55	1	9	65	65							2	2
	1	44		3	18	40		3	25	40								
	2	44	3	7	45	74	3	7	83	84								
	3	44	1	8	37	52	1	8	62	62							1	1
2070	1	40	1	5	45	81	1	5	83	87								
(98)	2	40	1	13	77	96	1	13	107	110								
	3	40	2	8	61	80	2	8	91	92								
	1	42		1	31	72		1	56	76								
	2	42	1	11	68	92	1	11	104	104								
	3	42	2	7	57	77	2	7	86	87								
	1	44		1	15	57		1	33	59								
	2	44	1	10	60	86	1	10	93	96								
	3	44	1	5	53	74	1	5	81	82								
2070	1	40		1	47	79		1	85	91								
(99)	2	40	1	11	76	104	1	11	113	114								
	3	40		4	54	83		4	98	98								
	1	42			34	70			65	78								
	2	42		8	67	96		8	109	109								
	3	42		2	49	78		2	93	94								
	1	44			18	51			34	54								
	2	44		5	54	88		5	100	101								
	3	44		2	47	72		2	90	91								
2070	1	40		1	36	69		1	68	73								
(00)	2	40	1	9	64	96	1	9	99	103							1	1
	3	40		4	50	64		4	76	76								
	1	42		1	24	59		1	50	62								
	2	42		5	57	92		5	93	98								
	3	42		2	49	58		2	68	68								
	1	44			11	43			25	43								
	2	44		4	49	80		4	78	85								
	3	44		1	48	57		1	65	66								
2070	1	40			31	66			55	67								
(01)	2	40		8	58	76		8	76	81								
	3	40		5	42	54		5	65	66								
	1	42			16	55			42	57								
	2	42		4	50	72		4	73	76								
	3	42		3	39	51		3	62	62								
	1	44			10	35			28	41								
	2	44		2	42	69		2	68	73								
	3	44		1	36	50		1	59	60								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(3a)

City	Perth	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	28	63		4	49	49								
(90)	2	40		13	47	83		13	73	73							1	1
	3	40		6	32	60		6	60	60								
	1	42			19	51			36	36								
	2	42		10	43	76		10	70	70								
	3	42		6	30	56		6	56	56								
	1	44			16	39			21	21								
	2	44		7	35	70		7	67	67								
	3	44		4	27	53		4	54	54								
2070	1	40	4	13	41	74	4	13	65	65								
(91)	2	40	4	18	64	95	4	18	92	92							3	3
	3	40	3	15	46	70	3	15	73	73							4	4
	1	42	2	4	32	68	2	4	47	46								
	2	42	4	16	60	95	4	16	88	88							2	2
	3	42	2	13	42	67	2	13	69	69							3	3
	1	44	2	4	20	60	2	4	25	25								
	2	44	4	15	51	87	4	15	83	83							1	1
	3	44	2	11	41	64	2	11	63	63							2	2
2070	1	40		4	40	65		4	58	58								
(92)	2	40	2	12	58	78	2	12	76	76								
	3	40		6	31	55		6	52	52								
	1	42		2	28	57		2	45	45								
	2	42	1	10	52	73	1	10	72	72								
	3	42		5	29	54		5	50	50								
	1	44		1	15	48		1	18	16								
	2	44	1	6	46	69	1	6	68	68								
	3	44		3	26	47		3	48	48								
2070	1	40		4	38	75		4	59	59								
(93)	2	40		15	63	89		15	82	82								
	3	40		8	39	65		8	63	63								
	1	42		3	20	65		3	44	44								
	2	42		11	56	87		11	77	77								
	3	42		6	37	60		6	59	59								
	1	44			15	54			25	24								
	2	44		8	52	83		8	71	71								
	3	44		4	35	55		4	57	57								
2070	1	40	1	4	49	89	1	4	78	78								
(94)	2	40	1	21	88	109	1	21	94	94								
	3	40		13	60	84		12	73	73								
	1	42		1	37	86		1	60	56								
	2	42	1	15	83	107	1	15	91	91								
	3	42		10	59	80		10	73	73								
	1	44		1	24	78		1	32	26								
	2	44	1	11	73	103	1	11	86	86								
	3	44		8	56	79		8	73	73								
2070	1	40		10	42	76		10	69	69								
(95)	2	40	4	21	65	102	4	21	91	91							1	1
	3	40		13	42	68		13	66	66								
	1	42		7	29	71		7	48	47								
	2	42	2	19	62	98	2	19	89	89								
	3	42		13	41	63		13	61	61								
	1	44		2	20	62		2	28	25								
	2	44	2	13	55	90	2	13	80	80								
	3	44		11	40	60		11	56	56								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(3a)

City	Perth	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	11	50	84	1	11	67	67								
(96)	2	40	4	24	72	102	4	24	95	95								
	3	40	1	16	52	73	1	16	74	74								
	1	42		6	35	75		6	50	49								
	2	42	3	21	66	98	3	21	88	88								
	3	42	1	12	51	69	1	12	68	68								
	1	44		3	24	66		3	37	33								
	2	44	3	17	60	92	3	17	80	80								
	3	44	1	10	48	66	1	10	63	63								
2070	1	40	3	9	40	77	3	9	62	62								
(97)	2	40	5	21	66	100	5	21	95	95							3	3
	3	40	4	16	43	75	4	16	70	70							3	3
	1	42	1	5	27	69	1	5	44	43								
	2	42	5	19	60	94	5	19	90	90							1	1
	3	42	1	14	42	71	1	14	65	65							2	2
	1	44		5	21	59		5	27	24								
	2	44	4	17	54	86	4	17	83	83								
	3	44	1	13	39	65	1	13	62	62							1	1
2070	1	40	1	11	57	92	1	11	83	83								
(98)	2	40	3	23	80	112	3	23	107	107								
	3	40	3	15	62	91	3	15	91	91								
	1	42	1	6	36	82	1	6	57	55								
	2	42	1	15	77	106	1	15	104	104								
	3	42	2	12	62	88	2	12	86	86								
	1	44		1	22	77		1	35	32								
	2	44	1	14	68	102	1	14	93	93								
	3	44	2	11	61	87	2	11	81	81								
2070	1	40		8	51	96		8	86	85								
(99)	2	40	1	27	79	118	1	27	113	113								
	3	40		16	57	95		16	98	98								
	1	42		2	37	83		2	65	65								
	2	42	1	21	77	112	1	21	109	109								
	3	42		14	55	91		14	93	93								
	1	44		1	27	76		1	36	32								
	2	44		15	67	106		15	100	100								
	3	44		11	52	88		11	90	90								
2070	1	40		5	44	92		5	68	68								
(00)	2	40	1	16	67	112	1	16	99	99							1	1
	3	40		13	51	87		13	76	76								
	1	42		2	28	73		2	50	50								
	2	42	1	11	65	107	1	11	93	93								
	3	42		10	51	79		10	68	68								
	1	44		1	15	64		1	26	24								
	2	44		10	57	100		10	78	78								
	3	44		8	50	75		8	65	65								
2070	1	40		4	38	72		4	56	55								
(01)	2	40		13	65	88		13	76	76								
	3	40		7	44	65		7	65	65								
	1	42		1	20	68		1	45	42								
	2	42		10	58	81		10	73	73								
	3	42		7	43	61		7	62	62								
	1	44			13	58			28	26								
	2	44		8	50	77		8	68	68								
	3	44		6	39	59		6	59	59								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(4)

City	Perth	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	5	17	72	96	4	16	113	115			2	2	3	3	19	19
(90)	2	40	41	57	89	112	29	40	132	133	27	29	35	36	48	49	94	95
	3	40	13	33	60	83	30	39	122	122	28	34	34	40	50	56	94	102
	1	42	1	13	62	84	1	13	96	99							2	2
	2	42	26	43	84	105	20	33	124	124	17	17	20	20	30	31	61	61
	3	42	10	25	57	81	21	30	118	118	22	25	26	30	37	41	79	83
	1	44		6	45	71		6	76	79							1	1
	2	44	15	30	79	100	13	26	122	123	6	6	10	10	16	16	45	45
	3	44	7	21	54	74	14	25	110	110	14	14	19	19	30	32	59	60
2070	1	40	14	30	77	101	13	29	119	119	2	2	3	3	10	10	23	23
(91)	2	40	40	64	97	118	28	50	137	137	28	30	33	33	46	51	96	100
	3	40	22	44	70	98	27	48	126	126	28	35	37	45	48	61	111	123
	1	42	6	17	70	95	6	17	103	106			1	1	2	2	13	13
	2	42	23	46	96	114	24	44	132	132	18	19	22	22	30	30	63	65
	3	42	17	36	68	94	25	41	121	121	22	23	24	29	40	45	89	92
	1	44	4	14	62	86	4	14	94	94					1	1	4	4
	2	44	20	37	93	110	16	34	126	126	11	11	12	12	19	19	47	47
	3	44	14	33	66	90	20	35	114	114	14	15	21	21	25	26	69	71
2070	1	40	6	23	71	86	4	22	113	113							16	16
(92)	2	40	34	57	84	108	25	45	142	143	24	25	32	34	51	56	102	106
	3	40	8	29	56	75	22	35	123	123	35	39	42	47	60	69	112	120
	1	42	2	11	61	78	2	11	90	91							2	2
	2	42	27	52	78	103	15	39	134	135	7	8	13	13	26	27	71	72
	3	42	8	27	55	73	16	30	115	115	14	15	22	24	46	50	87	91
	1	44	2	5	54	71	2	5	77	78								
	2	44	11	38	75	95	6	34	126	127	1	1	2	2	10	10	43	43
	3	44	5	22	52	70	6	22	106	106	6	6	9	11	25	25	64	66
2070	1	40	5	20	80	101	5	20	115	115			2	2	2	2	23	23
(93)	2	40	25	54	94	119	28	50	133	133	23	27	27	32	42	43	90	93
	3	40	10	36	66	99	26	45	124	124	23	30	34	42	54	62	90	107
	1	42	3	14	68	89	3	14	105	106							4	4
	2	42	16	40	92	115	17	39	126	127	9	10	15	15	27	27	63	64
	3	42	8	31	62	95	19	34	116	116	12	16	19	24	38	45	79	82
	1	44		7	56	82		7	84	89								
	2	44	11	33	90	110	13	32	120	121	4	4	7	7	13	13	42	42
	3	44	6	26	58	89	9	26	112	113	8	8	11	13	21	24	63	68
2070	1	40	6	29	98	115	6	29	130	132					4	4	21	21
(94)	2	40	43	82	112	131	37	71	163	163	24	27	32	39	46	59	107	115
	3	40	18	56	86	107	28	59	145	146	25	32	29	43	45	72	116	137
	1	42	2	21	91	108	1	21	112	117							5	5
	2	42	34	64	110	126	25	53	152	152	11	11	16	16	30	31	75	75
	3	42	15	49	81	103	18	49	137	137	17	20	22	27	31	43	86	93
	1	44	1	9	84	99	1	9	96	102								
	2	44	24	53	108	124	16	42	146	146	4	4	9	9	16	16	48	49
	3	44	15	41	79	102	16	39	128	129	7	9	16	17	22	25	62	71
2070	1	40	10	29	80	113	10	29	125	127	1	1	1	1	6	6	20	20
(95)	2	40	22	51	105	128	31	53	147	148	18	23	26	33	42	43	95	101
	3	40	16	40	68	107	27	40	132	134	22	35	31	41	51	58	93	119
	1	42	7	20	71	99	7	20	112	113					1	1	10	10
	2	42	19	44	98	125	20	44	143	144	12	12	13	13	29	30	69	69
	3	42	13	36	63	100	19	36	130	130	15	19	19	24	34	42	72	83
	1	44	2	13	62	85	2	13	94	97							1	1
	2	44	15	40	91	120	16	40	135	136	7	7	11	11	13	13	44	44
	3	44	12	34	63	98	17	34	123	123	9	9	15	16	21	23	59	62

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(4)

City	Perth	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	12	34	86	111	12	34	130	130					4	4	30	30
(96)	2	40	30	61	104	134	41	62	150	151	29	33	37	42	52	58	93	102
	3	40	18	47	73	108	36	55	130	130	24	39	35	46	51	64	98	126
	1	42	6	23	76	102	6	23	115	116							6	6
	2	42	25	55	101	129	31	53	147	148	13	13	20	21	37	39	70	72
	3	42	14	41	71	100	24	44	127	127	10	21	18	29	41	46	80	88
	1	44	3	15	66	87	3	15	97	100							1	1
	2	44	20	45	93	120	23	45	141	142	5	5	7	7	17	17	52	52
	3	44	12	38	67	97	15	38	125	125	3	6	7	12	27	33	64	68
2070	1	40	11	26	80	106	12	26	126	128	3	3	5	5	10	10	23	23
(97)	2	40	22	55	100	123	27	54	150	150	20	29	25	33	42	46	101	110
	3	40	16	38	76	112	30	42	138	139	28	37	36	45	52	60	103	128
	1	42	7	21	69	98	7	21	111	113					2	2	10	10
	2	42	21	43	97	119	25	43	139	139	13	13	14	14	24	27	66	66
	3	42	15	35	73	101	22	35	132	135	19	27	24	30	38	45	85	95
	1	44	5	15	63	84	5	15	97	100							4	4
	2	44	17	39	87	114	20	40	137	137	10	10	11	11	14	14	39	39
	3	44	14	34	68	95	22	34	128	129	12	12	15	19	27	29	64	66
2070	1	40	11	36	93	126	11	36	132	133					4	4	26	26
(98)	2	40	25	68	115	137	37	69	158	158	23	27	37	41	53	60	111	115
	3	40	17	56	91	115	35	64	142	142	31	43	38	54	56	83	120	134
	1	42	8	22	82	110	8	22	123	126							9	9
	2	42	19	61	107	137	23	62	151	151	13	14	16	17	36	37	77	83
	3	42	14	51	88	114	24	54	137	137	20	23	28	34	42	54	101	110
	1	44	2	13	78	96	2	13	111	112								
	2	44	16	52	104	134	16	51	144	146	1	1	7	7	16	16	48	48
	3	44	11	45	88	113	15	46	131	131	9	11	14	15	30	32	77	84
2070	1	40	10	37	100	130	10	37	141	144					2	2	29	29
(99)	2	40	28	65	120	148	41	71	167	169	34	39	42	46	67	73	115	123
	3	40	18	49	96	130	46	65	148	149	41	52	54	62	78	88	123	143
	1	42	3	24	86	117	3	24	125	130							3	3
	2	42	24	54	114	141	32	57	158	159	16	16	25	26	42	42	89	90
	3	42	16	42	93	123	35	50	146	146	29	35	40	46	61	65	105	113
	1	44	1	14	77	105	1	14	114	116								
	2	44	18	50	107	137	21	50	149	149	3	3	6	6	22	22	63	63
	3	44	14	37	88	122	24	39	145	145	13	15	23	26	42	44	88	93
2070	1	40	5	27	94	122	7	27	136	138	2	2	3	3	7	7	24	24
(00)	2	40	19	55	114	139	29	56	158	160	20	21	25	28	41	44	89	95
	3	40	15	50	87	120	33	53	144	145	23	29	34	41	51	64	105	130
	1	42	3	15	75	110	3	15	120	120							8	8
	2	42	12	48	109	134	23	50	150	152	13	13	16	16	25	26	66	68
	3	42	13	43	80	114	24	45	139	141	18	21	22	26	37	41	76	88
	1	44	1	10	65	98	1	10	103	106							1	1
	2	44	10	37	103	131	16	38	142	147	8	8	10	10	16	16	48	48
	3	44	10	35	76	110	17	37	133	135	10	10	16	16	26	29	59	65
2070	1	40	5	18	74	97	6	18	111	112					1	1	19	19
(01)	2	40	16	48	89	117	28	51	132	133	24	26	30	32	39	42	70	81
	3	40	8	39	65	100	28	45	115	116	26	29	31	39	39	52	75	104
	1	42	1	12	68	86	1	12	95	97							1	1
	2	42	13	41	81	113	20	42	126	127	9	9	19	19	31	32	52	55
	3	42	7	30	62	89	20	35	111	111	20	22	24	26	33	39	62	73
	1	44		8	60	76		8	79	83								
	2	44	10	34	77	106	12	34	120	121	3	3	4	4	15	15	40	40
	3	44	6	28	60	85	16	33	109	109	13	15	18	19	26	27	48	55

APPENDIX - 7

(Predicted dangerous days for projected 2070 conditions)

Table - 7(4a)

City	Perth	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	7	28	75	104	6	27	113	113		1	2	3	3	7	19	19
(90)	2	40	44	87	95	121	31	77	132	132	27	66	35	82	48	115	94	94
	3	40	14	56	66	104	30	60	122	122	28	84	34	106	50	140	94	94
	1	42	3	18	68	96	3	18	96	96							2	2
	2	42	29	61	89	119	20	54	124	124	17	36	20	44	30	71	61	61
	3	42	11	47	65	98	22	49	118	118	22	60	26	70	37	113	79	79
	1	44		13	49	84		13	76	76							1	1
	2	44	17	43	83	115	15	39	122	122	6	19	10	23	16	36	45	45
	3	44	9	39	58	95	16	42	110	110	14	37	19	49	30	73	59	59
2070	1	40	15	43	88	113	14	43	119	119	2	7	3	8	10	17	23	23
(91)	2	40	46	94	102	129	34	82	137	137	28	78	33	95	46	118	96	96
	3	40	24	64	81	109	28	64	126	126	28	99	37	114	48	142	111	111
	1	42	11	32	73	103	11	32	103	103		2	1	2	2	3	13	13
	2	42	27	69	97	126	25	67	132	132	18	48	22	56	30	81	63	63
	3	42	20	58	77	107	25	60	121	121	22	69	24	86	40	117	89	89
	1	44	4	20	66	96	4	20	94	94					1	1	4	4
	2	44	22	57	96	121	17	55	126	126	11	25	12	34	19	46	47	47
	3	44	18	50	68	104	21	52	114	114	14	50	21	58	25	88	69	69
2070	1	40	7	39	74	103	6	38	113	113		1		3		5	16	16
(92)	2	40	41	80	86	128	29	72	142	142	24	67	32	81	51	114	102	102
	3	40	10	48	58	100	22	51	123	123	35	85	42	108	60	153	112	112
	1	42	4	27	66	86	4	27	90	90							2	2
	2	42	31	66	85	121	18	58	134	134	7	41	13	46	26	70	71	71
	3	42	9	44	57	92	16	46	115	115	14	52	22	66	46	114	87	87
	1	44	2	14	59	80	2	14	77	77								
	2	44	16	48	78	111	11	45	126	126	1	19	2	25	10	40	43	43
	3	44	7	40	55	84	8	41	106	106	6	36	9	46	25	66	64	64
2070	1	40	9	38	85	115	9	38	115	115		2	2	4	2	8	23	23
(93)	2	40	28	87	100	126	30	83	133	133	23	75	27	85	42	115	90	90
	3	40	12	55	73	116	27	57	124	124	23	95	34	110	54	148	90	90
	1	42	4	21	76	102	4	21	105	105							4	4
	2	42	20	68	94	125	21	67	126	126	9	39	15	53	27	78	63	63
	3	42	12	51	69	113	22	52	116	116	12	65	19	82	38	116	79	79
	1	44		16	63	89		16	84	84								
	2	44	15	52	92	120	15	51	120	120	4	19	7	24	13	40	42	42
	3	44	8	42	63	109	10	42	112	112	8	44	11	53	21	86	63	63
2070	1	40	9	52	102	126	9	52	130	130		3		4	4	12	21	21
(94)	2	40	47	105	115	146	38	99	163	163	24	91	32	105	46	133	107	107
	3	40	25	80	87	125	33	82	145	145	25	108	29	119	45	184	116	116
	1	42	4	34	91	116	3	34	112	112							5	5
	2	42	38	98	112	138	29	92	152	152	11	58	16	72	30	93	75	75
	3	42	19	73	85	123	20	72	137	137	17	80	22	91	31	129	86	86
	1	44	1	23	88	109	1	23	96	96								
	2	44	30	76	110	134	20	70	146	146	4	29	9	40	16	60	48	48
	3	44	17	67	83	119	18	67	128	128	7	62	16	71	22	95	62	62
2070	1	40	13	44	87	125	13	44	125	125	1	2	1	3	6	15	20	20
(95)	2	40	27	76	111	140	34	78	147	147	18	74	26	99	42	132	95	95
	3	40	23	57	73	122	29	58	132	132	22	112	31	124	51	159	93	93
	1	42	10	30	72	116	10	30	112	112					1	1	10	10
	2	42	22	68	105	136	23	68	143	143	12	45	13	57	29	85	69	69
	3	42	17	49	69	118	23	49	130	130	15	66	19	88	34	128	72	72
	1	44	4	22	68	105	4	22	94	94							1	1
	2	44	19	59	98	131	19	59	135	135	7	21	11	27	13	46	44	44
	3	44	13	46	66	116	17	46	123	123	9	43	15	56	21	94	59	59

APPENDIX - 7

(Predicted dangerous days for projected 2070 conditions)

Table - 7(4a)

City	Perth	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	15	53	88	129	15	53	130	130		3		7	4	17	30	30
(96)	2	40	35	85	109	148	43	86	150	150	29	86	37	103	52	139	93	93
	3	40	21	58	76	125	36	63	130	130	24	114	35	131	51	161	98	98
	1	42	7	41	79	114	7	41	115	115						1	6	6
	2	42	29	76	104	144	32	74	147	147	13	55	20	65	37	93	70	70
	3	42	19	58	75	120	27	59	127	127	10	74	18	94	41	133	80	80
	1	44	4	27	72	104	4	27	97	97							1	1
	2	44	23	63	101	136	26	63	141	141	5	29	7	38	17	56	52	52
	3	44	16	56	71	117	18	56	125	125	3	54	7	62	27	98	64	64
2070	1	40	17	43	84	119	18	43	126	126	3	7	5	8	10	21	23	23
(97)	2	40	26	77	105	138	31	76	150	150	20	80	25	101	42	132	101	101
	3	40	20	59	85	123	32	63	138	138	28	113	36	132	52	161	103	103
	1	42	8	29	75	108	8	29	111	111					2	3	10	10
	2	42	22	67	100	134	26	67	139	139	13	43	14	54	24	85	66	66
	3	42	17	53	77	118	23	53	132	132	19	73	24	97	38	131	85	85
	1	44	5	21	66	100	5	21	97	97							4	4
	2	44	21	57	97	129	23	57	137	137	10	25	11	30	14	46	39	39
	3	44	16	47	74	116	23	47	128	128	12	45	15	58	27	95	64	64
2070	1	40	14	60	98	137	14	60	132	132		6		9	4	16	26	26
(98)	2	40	35	93	124	147	43	92	158	158	23	90	37	112	53	140	111	111
	3	40	23	81	100	128	36	83	142	142	31	119	38	135	56	172	120	120
	1	42	11	41	88	130	11	41	123	123						1	9	9
	2	42	27	83	116	141	30	83	151	151	13	63	16	74	36	100	77	77
	3	42	19	74	96	121	28	76	137	137	20	91	28	113	42	140	101	101
	1	44	5	24	80	115	5	24	111	111								
	2	44	19	76	107	139	18	75	144	144	1	26	7	37	16	64	48	48
	3	44	15	67	89	118	18	68	131	131	9	64	14	82	30	115	77	77
2070	1	40	15	53	107	141	15	53	141	141				4	2	15	29	29
(99)	2	40	37	94	126	162	47	96	167	167	34	100	42	118	67	151	115	115
	3	40	23	85	103	141	46	93	148	148	41	134	54	146	78	185	123	123
	1	42	5	41	92	135	5	41	125	125							3	3
	2	42	29	80	120	157	35	81	158	158	16	58	25	77	42	107	89	89
	3	42	19	74	99	138	35	80	146	146	29	98	40	118	61	150	105	105
	1	44	1	27	79	119	1	27	114	114								
	2	44	23	71	114	154	25	71	149	149	3	29	6	42	22	59	63	63
	3	44	16	60	93	136	25	62	145	145	13	63	23	87	42	120	88	88
2070	1	40	10	49	98	134	12	49	136	136	2	4	3	4	7	13	24	24
(00)	2	40	27	90	119	156	33	90	158	158	20	87	25	108	41	141	89	89
	3	40	16	67	92	138	33	69	144	144	23	118	34	142	51	178	105	105
	1	42	4	33	84	123	4	33	120	120							8	8
	2	42	18	69	114	148	26	71	150	150	13	50	16	61	25	95	66	66
	3	42	16	60	90	132	25	62	139	139	18	80	22	102	37	143	76	76
	1	44	1	18	67	114	1	18	103	103							1	1
	2	44	13	59	109	144	18	59	142	142	8	24	10	32	16	51	48	48
	3	44	13	52	85	128	19	53	133	133	10	53	16	64	26	106	59	59
2070	1	40	8	41	76	113	9	41	111	111				2	1	7	19	19
(01)	2	40	19	72	96	134	31	71	132	132	24	72	30	83	39	119	70	70
	3	40	12	57	70	110	28	62	115	115	26	98	31	112	39	147	75	75
	1	42	2	27	69	100	2	27	95	95							1	1
	2	42	15	67	91	128	20	67	126	126	9	44	19	57	31	77	52	52
	3	42	9	52	67	108	21	54	111	111	20	64	24	80	33	119	62	62
	1	44		14	65	89		14	79	79								
	2	44	13	56	81	124	14	55	120	120	3	20	4	24	15	44	40	40
	3	44	7	47	63	105	17	48	109	109	13	48	18	56	26	82	48	48

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(5)

City	Perth	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			13	29			23	32								
(90)	2	40			23	45			49	53								
	3	40			14	30			39	40								
	1	42			6	19			11	20								
	2	42			19	41			43	48								
	3	42			14	29			35	36								
	1	44			3	14			2	13								
	2	44			16	36			36	41								
	3	44			9	27			32	35								
2070	1	40	2	4	21	44	2	4	27	44								
(91)	2	40	2	4	35	64	2	4	65	71								
	3	40	2	3	27	46	2	3	51	53								
	1	42		2	16	31		2	19	31								
	2	42	2	4	32	60	2	4	56	63								
	3	42	1	2	22	42	1	2	47	48								
	1	44		2	10	21		2	12	20								
	2	44	2	4	25	55	2	4	46	59								
	3	44	1	2	19	42	1	2	44	46								
2070	1	40			15	41			27	42								
(92)	2	40		2	33	56		2	57	62								
	3	40			13	30			36	37								
	1	42			7	27			7	26								
	2	42		1	29	52		1	50	57								
	3	42			10	28			33	34								
	1	44			5	14			4	14								
	2	44			22	45			45	53								
	3	44			10	28			31	32								
2070	1	40			13	38			27	40								
(93)	2	40			33	63			59	65								
	3	40			18	40			45	46								
	1	42			8	21			12	22								
	2	42			21	56			53	61								
	3	42			13	38			43	45								
	1	44			5	16			5	15								
	2	44			17	51			44	56								
	3	44			13	37			40	42								
2070	1	40			21	53			34	56								
(94)	2	40		1	44	86		1	78	87								
	3	40			29	61			63	63								
	1	42			12	36			15	34								
	2	42		1	37	80		1	69	83								
	3	42			24	58			60	63								
	1	44			2	22			3	22								
	2	44		1	29	70		1	56	76								
	3	44			22	56			50	60								
2070	1	40			19	44			32	46								
(95)	2	40		2	37	68		2	69	74								
	3	40			28	42			45	46								
	1	42			11	30			15	30								
	2	42		2	29	64		2	57	65								
	3	42			25	41			44	45								
	1	44			8	22			8	22								
	2	44		2	22	58		2	47	60								
	3	44			23	41			40	42								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(5)

City	Perth	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	23	53		1	41	55								
(96)	2	40		3	42	73		3	67	75								
	3	40		1	28	52		1	53	54								
	1	42			13	40			21	42								
	2	42		3	35	68		3	60	69								
	3	42		1	25	51		1	51	53								
	1	44			6	26			6	26								
	2	44		2	28	62		2	49	62								
	3	44		1	23	50		1	48	52								
2070	1	40		3	21	43		3	28	44								
(97)	2	40	2	5	33	66	2	5	62	70								
	3	40	1	4	29	46	1	4	46	50								
	1	42		1	14	28		1	19	31								
	2	42	1	4	27	64	1	4	51	67								
	3	42		1	22	43		1	43	46								
	1	44			7	21			10	21								
	2	44		4	22	55		4	43	58								
	3	44		1	21	41		1	39	42								
2070	1	40		1	18	60		1	36	63								
(98)	2	40	1	2	44	80	1	2	82	85								
	3	40		2	34	62		2	71	71								
	1	42		1	13	39		1	17	40								
	2	42		1	36	78		1	71	81								
	3	42		2	27	62		2	68	70								
	1	44			10	24			11	24								
	2	44		1	31	72		1	56	76								
	3	44		2	24	61		2	61	66								
2070	1	40			22	52			38	57								
(99)	2	40		1	47	79		1	85	91								
	3	40			31	57			73	76								
	1	42			11	41			20	42								
	2	42		1	37	77		1	74	84								
	3	42			26	57			65	71								
	1	44			4	27			4	27								
	2	44			34	70			65	78								
	3	44			24	54			57	63								
2070	1	40			12	48			31	52								
(00)	2	40		1	34	67		1	68	73								
	3	40			25	51			59	59								
	1	42			9	33			16	34								
	2	42		1	28	65		1	60	68								
	3	42			20	51			53	56								
	1	44			4	16			6	16								
	2	44			24	59			50	62								
	3	44			16	50			49	52								
2070	1	40			12	40			31	44								
(01)	2	40			30	65			55	66								
	3	40			19	44			44	47								
	1	42			9	27			15	28								
	2	42			20	60			49	63								
	3	42			17	43			43	46								
	1	44			2	14			3	14								
	2	44			16	55			42	57								
	3	44			12	42			36	43								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(5a)

City	Perth	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			16	41			23	23								
(90)	2	40		3	28	63		3	49	49								
	3	40		1	17	37		1	39	39								
	1	42			9	30			14	9								
	2	42		2	22	57		2	43	43								
	3	42		1	15	35		1	35	35								
	1	44			5	19			4	2								
	2	44			19	50			36	36								
	3	44		1	14	32		1	32	32								
2070	1	40	2	4	24	60	2	4	28	27								
(91)	2	40	3	11	43	73	3	11	65	65								
	3	40	2	5	33	53	2	5	51	51								
	1	42	2	4	18	45	2	4	19	17								
	2	42	2	6	35	71	2	6	57	56								
	3	42	2	4	29	50	2	4	47	47								
	1	44		2	14	34		2	14	8								
	2	44	2	4	32	68	2	4	47	46								
	3	44	1	3	22	50	1	3	45	44								
2070	1	40		1	18	50		1	28	27								
(92)	2	40		4	40	64		4	57	57								
	3	40		1	21	39		1	36	36								
	1	42			8	40			8	6								
	2	42		4	35	62		4	50	50								
	3	42		1	14	38		1	33	33								
	1	44			5	28			4									
	2	44		2	28	57		2	45	45								
	3	44			11	37			31	31								
2070	1	40			16	56			27	27								
(93)	2	40		4	38	75		4	59	59								
	3	40		1	26	48		1	45	45								
	1	42			9	44			13	9								
	2	42		3	32	68		3	53	53								
	3	42		1	18	46		1	43	43								
	1	44			5	31			5	2								
	2	44			20	65			44	44								
	3	44			17	42			40	40								
2070	1	40		1	26	80		1	36	29								
(94)	2	40		3	50	89		3	78	78								
	3	40			39	68			63	63								
	1	42		1	16	63		1	18	12								
	2	42		1	42	86		1	69	69								
	3	42			32	65			60	59								
	1	44			4	38			5	3								
	2	44		1	37	86		1	60	56								
	3	44			26	62			51	50								
2070	1	40		2	22	64		2	33	32								
(95)	2	40		10	43	75		10	69	69								
	3	40		2	34	50		2	45	45								
	1	42		1	15	47		1	16	11								
	2	42		7	38	72		7	58	57								
	3	42		1	30	49		1	44	44								
	1	44			10	37			10	3								
	2	44		4	29	71		4	48	47								
	3	44			28	48			40	40								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(5a)

City	Perth	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		3	27	68		3	41	38								
(96)	2	40	1	7	50	83	1	7	67	67								
	3	40		3	38	58		3	53	53								
	1	42		2	20	57		2	27	16								
	2	42		6	44	79		6	60	60								
	3	42		2	31	58		2	51	51								
	1	44			9	42			9	2								
	2	44		5	35	75		5	50	49								
	3	44		1	26	56		1	48	48								
2070	1	40		4	21	64		4	28	26								
(97)	2	40	3	8	40	77	3	8	62	62								
	3	40	1	7	34	55	1	7	46	46								
	1	42		3	17	51		3	21	13								
	2	42	2	7	34	74	2	7	52	51								
	3	42	1	6	30	50	1	6	43	43								
	1	44		2	9	33		2	12	7								
	2	44	1	5	27	69	1	5	44	43								
	3	44		5	27	49		5	39	39								
2070	1	40		1	24	78		1	38	35								
(98)	2	40	1	11	57	90	1	11	82	82								
	3	40	1	5	45	76	1	5	71	71								
	1	42		1	14	63		1	17	14								
	2	42	1	10	45	87	1	10	74	71								
	3	42		5	40	73		5	68	68								
	1	44		1	11	44		1	11	2								
	2	44		5	36	82		5	57	55								
	3	44		4	32	70		4	61	61								
2070	1	40		1	27	77		1	39	37								
(99)	2	40		5	51	93		5	86	85								
	3	40		2	37	74		2	73	73								
	1	42			18	62			23	16								
	2	42		4	47	89		4	75	74								
	3	42			35	70			65	65								
	1	44			6	47			6	1								
	2	44		2	37	83		2	65	65								
	3	44			30	66			57	57								
2070	1	40		1	18	65		1	33	30								
(00)	2	40		4	44	90		4	68	68								
	3	40		1	34	57		1	59	59								
	1	42			10	52			17	13								
	2	42		4	36	80		4	61	60								
	3	42		1	29	57		1	54	53								
	1	44			5	34			7	3								
	2	44		1	28	73		1	50	50								
	3	44		1	23	53		1	49	49								
2070	1	40			15	60			31	31								
(01)	2	40		2	38	72		2	56	55								
	3	40		1	28	51		1	44	44								
	1	42			10	44			15	10								
	2	42		1	31	69		1	50	49								
	3	42		1	21	50		1	43	43								
	1	44			3	29			4	1								
	2	44			20	68			45	42								
	3	44		1	18	50		1	36	36								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(6)

City	Perth	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	33	61		2	67	68								
(90)	2	40		10	55	80		10	89	89							2	2
	3	40	1	5	33	53	1	5	68	68							2	2
	1	42			23	44			49	52								
	2	42		8	48	73		8	80	83							1	1
	3	42	1	4	33	50	1	4	63	63							1	1
	1	44			16	33			31	37								
	2	44		5	43	67		5	72	74								
	3	44		4	30	45		4	61	61								
2070	1	40	4	11	46	72	4	11	83	84							1	1
(91)	2	40	4	16	69	95	4	16	102	105			1	1	1	1	10	10
	3	40	3	14	50	66	3	13	82	82					3	3	10	10
	1	42	2	4	35	63	2	4	64	71								
	2	42	4	15	63	90	4	15	97	98					1	1	4	4
	3	42	3	11	46	64	3	11	76	76					2	2	7	7
	1	44	2	4	25	51	2	4	42	54								
	2	44	4	13	60	78	4	13	92	93							2	2
	3	44	3	10	42	62	3	10	73	73							4	4
2070	1	40		4	45	63		4	68	70								
(92)	2	40	2	11	60	75	2	11	84	85								
	3	40		4	37	53		4	64	64								
	1	42		2	32	56		2	57	62								
	2	42	2	6	59	72	2	6	80	81								
	3	42		3	32	47		3	63	63								
	1	44		1	21	44		1	40	49								
	2	44	1	5	49	70	1	5	76	78								
	3	44		3	30	44		3	55	56								
2070	1	40		4	44	74		4	71	76								
(93)	2	40	1	11	65	88	1	11	100	102							2	2
	3	40		6	41	58		6	79	79							2	2
	1	42			28	63			58	65								
	2	42		8	59	83		8	91	93							1	1
	3	42		4	39	53		4	73	73								
	1	44			17	50			43	55								
	2	44		6	53	81		6	82	87								
	3	44		3	37	52		3	68	68								
2070	1	40	1	3	66	89	1	3	87	89								
(94)	2	40	2	17	90	108	1	17	106	113							3	3
	3	40		11	64	79		10	83	85								
	1	42		1	43	85		1	76	86								
	2	42	1	12	87	104	1	12	100	106							1	1
	3	42		7	60	79		6	78	81								
	1	44		1	28	69		1	51	74								
	2	44	1	8	80	95	1	8	94	96								
	3	44		3	59	76		2	75	78								
2070	1	40	2	10	46	72	2	10	81	82								
(95)	2	40	6	19	70	98	6	19	107	110							4	4
	3	40		12	44	63		12	79	81							5	5
	1	42		4	33	65		4	66	72								
	2	42	4	15	64	91	4	15	98	100							2	2
	3	42		11	42	59		11	76	78								
	1	44		2	22	55		2	44	56								
	2	44	2	10	62	81	2	10	91	95							1	1
	3	44		7	41	56		7	69	71								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(6)

City	Perth	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	7	56	79	2	7	80	85								
(96)	2	40	5	23	74	100	5	23	110	112							4	4
	3	40	1	12	53	68	1	12	81	81							2	2
	1	42		4	41	72		4	65	74								
	2	42	4	20	69	93	4	20	101	103							2	2
	3	42	1	10	52	64	1	10	78	78								
	1	44		3	27	60		3	47	62								
	2	44	3	13	64	87	3	13	94	98								
	3	44	1	8	51	62	1	8	75	75								
2070	1	40	3	7	47	74	3	7	86	87								
(97)	2	40	5	19	69	95	5	19	107	108					1	1	8	8
	3	40	4	14	46	68	4	14	88	88					1	1	8	8
	1	42	2	5	30	66	2	5	60	70								
	2	42	5	17	65	87	5	17	101	103							4	4
	3	42	4	13	43	62	4	13	80	82					1	1	5	5
	1	44		4	22	54		4	41	56								
	2	44	4	14	59	83	4	14	94	96							3	3
	3	44	1	11	42	60	1	11	74	75							5	5
2070	1	40	1	11	63	88	1	11	93	96								
(98)	2	40	6	17	82	106	6	17	119	121							4	4
	3	40	4	11	62	88	4	11	106	106							4	4
	1	42	1	3	43	80	1	3	81	85								
	2	42	3	14	79	103	3	14	113	117							1	1
	3	42	3	11	62	86	3	11	99	100							1	1
	1	44		1	26	68		1	50	73								
	2	44	1	13	76	95	1	13	106	109								
	3	44	2	8	62	84	2	8	94	95							1	1
2070	1	40		5	58	90		5	100	103								
(99)	2	40	2	21	81	113	2	21	124	127							2	2
	3	40		14	59	89		14	107	108							2	2
	1	42		1	45	79		1	83	91								
	2	42	1	17	77	106	1	17	117	119								
	3	42		11	57	87		11	103	103								
	1	44			31	67			58	75								
	2	44	1	11	74	103	1	11	113	114								
	3	44		7	55	86		7	98	98								
2070	1	40		4	51	82		4	80	89								
(00)	2	40	2	12	71	107	2	12	116	117							6	6
	3	40	1	10	53	77	1	10	96	97					1	1	6	6
	1	42		1	33	67		1	64	72								
	2	42	1	10	67	102	1	10	108	109							3	3
	3	42		7	51	73		7	90	90							2	2
	1	44			20	57			47	59								
	2	44	1	9	63	95	1	9	99	102								
	3	44		5	51	67		5	80	81							2	2
2070	1	40		2	43	69		2	68	73								
(01)	2	40	1	11	67	81	1	11	87	89							1	1
	3	40	1	6	45	60	1	6	73	73								
	1	42			29	65			53	66								
	2	42		9	62	77		9	79	84								
	3	42	1	6	44	58	1	6	70	70								
	1	44			15	50			37	54								
	2	44		7	58	76		7	74	79								
	3	44		6	43	57		6	67	68								

APPENDIX - 7

(Predicted dangerous days for projected 2070 conditions)

Table - 7(6a)

City	Perth	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		8	37	70		8	67	67								
(90)	2	40	2	16	64	95	2	16	89	89							2	2
	3	40	1	11	35	67	1	11	68	68							2	2
	1	42		4	27	63		4	49	49								
	2	42		15	55	87		15	80	80							1	1
	3	42	1	7	33	66	1	7	63	63							1	1
	1	44			19	46			31	31								
	2	44		13	46	81		13	72	72								
	3	44	1	7	32	60	1	7	61	61								
2070	1	40	4	15	54	89	4	15	83	83							1	1
(91)	2	40	8	29	72	101	8	29	102	102			1	1	1	2	10	10
	3	40	5	17	50	85	4	16	82	82		3		3	3	3	10	10
	1	42	4	13	41	73	4	13	64	64								
	2	42	4	21	69	98	4	21	97	97					1	1	4	4
	3	42	3	15	50	79	3	15	76	76				2	2	3	7	7
	1	44	2	4	31	67	2	4	44	42								
	2	44	4	17	62	95	4	17	92	92							2	2
	3	44	3	15	47	72	3	15	73	73						2	4	4
2070	1	40	1	6	47	70	1	6	68	68								
(92)	2	40	4	24	65	84	4	24	84	84								
	3	40	1	7	39	61	1	7	64	64								
	1	42		4	40	64		4	57	57								
	2	42	2	17	60	82	2	17	80	80								
	3	42		7	36	57		7	63	63								
	1	44		2	27	56		2	40	40								
	2	44	2	11	57	76	2	11	76	76								
	3	44		6	34	55		6	55	55								
2070	1	40		8	52	83		8	71	71								
(93)	2	40	4	20	71	99	4	20	100	100							2	2
	3	40	1	11	44	80	1	11	79	79							2	2
	1	42		4	37	75		4	58	58								
	2	42	2	16	65	94	2	16	91	91							1	1
	3	42		10	42	69		10	73	73								
	1	44		1	20	62		1	43	43								
	2	44		14	59	88		14	82	82								
	3	44		8	40	66		8	68	68								
2070	1	40	1	12	74	103	1	12	87	87								
(94)	2	40	2	31	91	113	1	31	106	106							3	3
	3	40		24	65	89		24	83	83								
	1	42		3	48	89		3	76	76								
	2	42	1	24	90	113	1	24	100	100							1	1
	3	42		16	64	86		16	78	78								
	1	44		1	33	85		1	53	49								
	2	44	1	21	86	108	1	21	94	94								
	3	44		14	62	84		13	75	75								
2070	1	40	2	15	56	91	2	15	81	81								
(95)	2	40	8	29	71	113	8	29	107	107							4	4
	3	40	2	23	48	82	2	23	79	79							5	5
	1	42		10	42	75		10	66	66								
	2	42	6	22	71	109	6	22	98	98							2	2
	3	42	1	21	47	73	1	21	76	76								
	1	44		6	27	70		6	45	44								
	2	44	4	20	64	101	4	20	91	91							1	1
	3	44		16	43	69		16	69	69								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(6a)

City	Perth	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	20	61	93	3	20	80	80								
(96)	2	40	6	34	78	111	6	34	110	110							4	4
	3	40	2	25	57	84	2	25	81	81						1	2	2
	1	42	1	9	47	82	1	9	65	65								
	2	42	6	28	75	106	6	28	101	101							2	2
	3	42	1	21	55	76	1	21	78	78								
	1	44		5	34	74		5	48	47								
	2	44	4	24	69	102	4	24	94	94								
	3	44	1	19	52	74	1	19	75	75								
2070	1	40	4	17	54	87	4	17	86	86								
(97)	2	40	7	27	74	106	7	27	107	107					1	1	8	8
	3	40	7	22	49	90	7	22	88	88					1	2	8	8
	1	42	3	9	39	77	3	9	60	60								
	2	42	5	22	69	103	5	22	101	101							4	4
	3	42	5	20	48	83	5	20	80	80					1	1	5	5
	1	44	1	5	26	69	1	5	41	41								
	2	44	5	21	65	99	5	21	94	94							3	3
	3	44	4	17	46	77	4	17	74	74							5	5
2070	1	40	1	14	70	103	1	14	93	93								
(98)	2	40	10	36	86	126	10	36	119	119							4	4
	3	40	5	25	72	103	5	25	106	106						1	4	4
	1	42	1	11	56	89	1	11	81	81								
	2	42	6	31	82	122	6	31	113	113							1	1
	3	42	4	21	67	100	4	21	99	99							1	1
	1	44	1	6	34	82	1	6	53	49								
	2	44	3	22	79	111	3	22	106	106								
	3	44	4	18	62	91	4	18	94	94							1	1
2070	1	40		17	68	106		17	100	100								
(99)	2	40	4	37	89	130	4	37	124	124							2	2
	3	40	1	25	67	106	1	25	107	107							2	2
	1	42		7	51	93		7	84	83								
	2	42	2	34	80	121	2	34	117	117								
	3	42		21	62	101		21	103	103								
	1	44		2	36	80		2	60	57								
	2	44	1	27	77	118	1	27	113	113								
	3	44		18	57	96		18	98	98								
2070	1	40	1	10	58	102	1	10	80	80								
(00)	2	40	4	28	80	122	4	28	116	116							6	6
	3	40	1	19	53	95	1	19	96	96					1	1	6	6
	1	42		5	41	88		5	65	64								
	2	42	2	23	72	117	2	23	108	108							3	3
	3	42	1	15	53	91	1	15	90	90							2	2
	1	44		2	26	71		2	47	47								
	2	44	1	15	67	110	1	15	99	99								
	3	44		14	51	88		14	80	80							2	2
2070	1	40		9	53	77		9	68	68								
(01)	2	40	2	19	69	97	2	19	87	87							1	1
	3	40	1	13	50	75	1	13	73	73								
	1	42		3	35	70		3	53	53								
	2	42	1	15	68	95	1	15	79	79								
	3	42	1	9	47	68	1	9	70	70								
	1	44		1	19	67		1	40	37								
	2	44		13	62	86		13	74	74								
	3	44	1	9	44	66	1	9	67	67								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(7)

City	Perth	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			13	27			21	29								
(90)	2	40			23	44			48	51								
	3	40			14	30			38	39								
	1	42			5	17			9	18								
	2	42			19	39			41	45								
	3	42			10	28			34	35								
	1	44			2	14			1	13								
	2	44			16	33			31	37								
	3	44			7	26			32	35								
2070	1	40	2	4	19	42	2	4	26	43								
(91)	2	40	2	4	35	62	2	4	62	68								
	3	40	2	3	23	45	2	3	49	51								
	1	42		2	16	31		2	17	30								
	2	42	2	4	31	60	2	4	53	63								
	3	42	1	2	19	42	1	2	46	47								
	1	44		2	8	18		2	8	17								
	2	44	2	4	25	51	2	4	42	54								
	3	44	1	2	18	41	1	2	40	44								
2070	1	40			14	38			22	37								
(92)	2	40		2	32	56		2	55	61								
	3	40			11	30			35	36								
	1	42			7	25			6	24								
	2	42		1	28	50		1	49	57								
	3	42			10	28			33	34								
	1	44			3	11			3	11								
	2	44		1	21	44		1	40	49								
	3	44			9	26			28	30								
2070	1	40			12	36			26	38								
(93)	2	40			25	61			57	63								
	3	40			17	39			45	46								
	1	42			6	20			11	22								
	2	42			21	54			49	57								
	3	42			13	37			41	42								
	1	44			3	14			3	14								
	2	44			17	50			43	55								
	3	44			11	36			35	41								
2070	1	40		1	18	47		1	30	49								
(94)	2	40		1	41	84		1	75	85								
	3	40			26	59			63	63								
	1	42			8	34			11	32								
	2	42		1	33	79		1	65	82								
	3	42			24	56			56	62								
	1	44			2	21			2	21								
	2	44		1	28	69		1	51	74								
	3	44			18	54			47	59								
2070	1	40			19	43			27	44								
(95)	2	40		4	30	64		4	65	71								
	3	40			28	42			45	46								
	1	42			10	29			15	29								
	2	42		2	27	62		2	55	65								
	3	42			23	41			42	44								
	1	44			7	20			7	20								
	2	44		2	22	55		2	44	56								
	3	44			23	40			39	42								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(7)

City	Perth	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	21	50		1	38	52								
(96)	2	40		4	41	70		4	65	72								
	3	40		1	26	52		1	53	54								
	1	42			12	35			15	37								
	2	42		3	34	66		3	56	67								
	3	42		1	25	51		1	50	53								
	1	44			6	24			6	24								
	2	44		3	27	60		3	47	62								
	3	44		1	21	49		1	47	52								
2070	1	40		3	19	40		3	26	40								
(97)	2	40	2	5	30	65	2	5	59	70								
	3	40	1	4	27	43	1	4	45	47								
	1	42		1	12	27		1	17	29								
	2	42	1	5	26	60	1	5	50	64								
	3	42		1	22	42		1	41	43								
	1	44			7	21			8	21								
	2	44		4	22	54		4	41	56								
	3	44		1	20	41		1	38	42								
2070	1	40		1	15	57		1	34	59								
(98)	2	40	1	3	42	79	1	3	79	84								
	3	40		3	32	62		3	69	70								
	1	42		1	11	36		1	13	36								
	2	42	1	1	34	77	1	1	62	79								
	3	42		2	25	62		2	67	70								
	1	44			9	22			10	22								
	2	44		1	26	68		1	50	73								
	3	44		2	21	61		2	53	65								
2070	1	40			21	51			34	54								
(99)	2	40		1	43	78		1	83	91								
	3	40			30	57			70	75								
	1	42			11	37			17	38								
	2	42		1	36	77		1	71	84								
	3	42			25	54			62	67								
	1	44			3	27			3	27								
	2	44			31	67			58	75								
	3	44			22	52			54	61								
2070	1	40			11	44			25	44								
(00)	2	40		1	33	67		1	63	72								
	3	40			23	51			57	57								
	1	42			6	28			14	29								
	2	42		1	27	65		1	60	68								
	3	42			19	51			52	55								
	1	44			4	15			6	15								
	2	44			20	57			47	59								
	3	44			15	50			46	51								
2070	1	40			11	38			29	42								
(01)	2	40			28	65			53	66								
	3	40			18	44			44	47								
	1	42			7	19			11	21								
	2	42			19	58			47	61								
	3	42			13	42			40	46								
	1	44			1	12			1	12								
	2	44			15	50			37	54								
	3	44			9	41			34	42								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(7a)

City	Perth	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			16	39			21	21								
(90)	2	40		4	27	60		4	48	48								
	3	40		1	17	37		1	38	38								
	1	42			8	28			11	7								
	2	42		2	21	55		2	41	41								
	3	42		1	14	33		1	34	34								
	1	44			4	19			3	1								
	2	44			19	46			31	31								
	3	44		1	14	31		1	32	32								
2070	1	40	2	4	21	60	2	4	26	26								
(91)	2	40	4	13	41	72	4	13	62	62								
	3	40	2	5	30	53	2	5	50	49								
	1	42	2	4	18	44	2	4	17	15								
	2	42	2	7	35	71	2	7	54	52								
	3	42	2	4	29	50	2	4	46	46								
	1	44		2	14	34		2	12	5								
	2	44	2	4	31	67	2	4	44	42								
	3	44	2	3	22	50	2	3	41	40								
2070	1	40		1	16	48		1	22	22								
(92)	2	40		4	40	64		4	56	55								
	3	40		1	18	39		1	35	35								
	1	42			8	39			8	5								
	2	42		4	32	59		4	49	49								
	3	42		1	13	38		1	33	33								
	1	44			4	27			4									
	2	44		2	27	56		2	40	40								
	3	44			9	35			28	28								
2070	1	40			16	54			26	25								
(93)	2	40		4	37	75		4	58	57								
	3	40		1	21	48		1	45	45								
	1	42			9	40			13	9								
	2	42		3	26	66		3	49	49								
	3	42		1	18	45		1	41	41								
	1	44			4	22			4	1								
	2	44			20	62			43	43								
	3	44		1	13	42		1	35	35								
2070	1	40		1	24	79		1	32	26								
(94)	2	40		3	47	88		3	75	75								
	3	40			38	68			63	63								
	1	42		1	13	56		1	14	9								
	2	42		1	41	86		1	66	65								
	3	42			30	63			57	55								
	1	44			4	36			4	1								
	2	44		1	33	85		1	53	49								
	3	44			24	62			48	47								
2070	1	40		2	20	62		2	28	25								
(95)	2	40		10	42	75		10	65	65								
	3	40		2	30	50		2	45	45								
	1	42		2	13	46		2	15	11								
	2	42		7	33	71		7	55	55								
	3	42		2	28	49		2	42	42								
	1	44			10	30			10	2								
	2	44		6	27	70		6	45	44								
	3	44		1	25	47		1	39	39								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(7a)

City	Perth	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		3	24	66		3	38	34								
(96)	2	40	1	8	47	82	1	8	65	65								
	3	40		5	37	58		5	53	53								
	1	42		2	17	54		2	20	11								
	2	42		6	41	78		6	58	56								
	3	42		2	29	58		2	50	50								
	1	44			8	41			8	2								
	2	44		5	34	74		5	48	47								
	3	44		1	25	55		1	47	47								
2070	1	40		5	21	60		5	27	24								
(97)	2	40	3	9	39	76	3	9	59	59								
	3	40	1	8	31	52	1	8	45	45								
	1	42		3	17	45		3	20	12								
	2	42	2	7	30	73	2	7	50	50								
	3	42	1	7	29	50	1	7	41	41								
	1	44		2	8	30		2	9	5								
	2	44	1	5	26	69	1	5	41	41								
	3	44	1	5	22	49	1	5	38	38								
2070	1	40		1	22	77		1	36	33								
(98)	2	40	1	11	56	89	1	11	79	79								
	3	40	1	5	45	75	1	5	69	69								
	1	42		1	14	61		1	15	11								
	2	42	1	10	43	85	1	10	65	62								
	3	42		5	35	73		5	67	67								
	1	44		1	11	42		1	11	1								
	2	44	1	5	34	82	1	5	53	49								
	3	44		5	27	67		5	55	52								
2070	1	40		1	27	77		1	36	32								
(99)	2	40		5	51	93		5	84	83								
	3	40		2	35	73		2	70	70								
	1	42			15	57			18	12								
	2	42		4	45	88		4	72	71								
	3	42		1	32	69		1	62	62								
	1	44			5	43			5									
	2	44		2	36	80		2	60	57								
	3	44			26	64			54	54								
2070	1	40		1	16	65		1	26	24								
(00)	2	40		4	41	86		4	65	63								
	3	40		1	31	57		1	57	57								
	1	42			10	50			17	12								
	2	42		4	33	79		4	60	60								
	3	42		1	26	55		1	52	52								
	1	44			4	33			6	3								
	2	44		1	26	71		1	47	47								
	3	44		1	20	53		1	46	46								
2070	1	40			14	58			29	27								
(01)	2	40		2	35	69		2	53	53								
	3	40		1	23	51		1	44	44								
	1	42			8	41			12	7								
	2	42		2	29	69		2	48	47								
	3	42		1	19	50		1	40	40								
	1	44			2	27			2									
	2	44		1	19	67		1	40	37								
	3	44		1	17	49		1	35	34								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(8)

City	Perth	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			18	37			37	41								
(90)	2	40		2	32	60		2	67	68								
	3	40		1	21	34		1	51	51								
	1	42			13	27			23	30								
	2	42		1	28	54		1	61	63								
	3	42		1	17	32		1	45	47								
	1	44			5	17			9	18								
	2	44			23	44			49	52								
	3	44		1	15	30		1	42	43								
2070	1	40	2	4	27	57	2	4	46	59								
(91)	2	40	4	10	45	72	4	10	83	84							1	1
	3	40	2	4	35	50	2	4	62	62							2	2
	1	42	2	4	19	42	2	4	27	43								
	2	42	4	4	41	68	4	4	74	77								
	3	42	2	3	33	50	2	3	59	59								
	1	44		2	16	31		2	17	30								
	2	44	2	4	35	63	2	4	64	71								
	3	44	2	3	29	49	2	3	56	57								
2070	1	40		1	25	46		1	45	54								
(92)	2	40		4	44	62		4	68	69								
	3	40		1	25	38		1	46	47								
	1	42			14	38			22	37								
	2	42		2	40	57		2	62	64								
	3	42			21	36			44	44								
	1	44			7	25			6	24								
	2	44		2	32	56		2	57	62								
	3	44			14	35			38	39								
2070	1	40			18	51			44	56								
(93)	2	40		4	42	72		4	71	76								
	3	40		1	29	45		1	57	57								
	1	42			12	36			26	38								
	2	42		3	37	67		3	66	71								
	3	42		1	26	42		1	49	49								
	1	44			6	20			11	22								
	2	44			28	63			58	65								
	3	44			18	42			47	47								
2070	1	40		1	31	72		1	57	77								
(94)	2	40	1	2	64	89	1	2	87	89								
	3	40			47	67			72	72								
	1	42		1	18	47		1	30	49								
	2	42		1	49	87		1	80	87								
	3	42			40	64			66	67								
	1	44			8	34			11	32								
	2	44		1	43	85		1	76	86								
	3	44			33	63			63	64								
2070	1	40		2	24	61		2	50	64								
(95)	2	40	2	10	46	72	2	10	81	82								
	3	40		2	34	49		2	51	53								
	1	42			19	43			28	44								
	2	42		7	42	71		7	74	77								
	3	42		1	34	48		1	48	52								
	1	44			10	29			15	29								
	2	44		4	33	65		4	66	72								
	3	44			30	45			46	49								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(8)

City	Perth	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		3	29	63		3	50	63								
(96)	2	40	2	7	54	79	2	7	80	85								
	3	40	1	3	41	58	1	3	61	63								
	1	42		1	21	50		1	39	52								
	2	42	1	6	47	76	1	6	76	80								
	3	42		1	38	56		1	55	58								
	1	44			12	35			15	37								
	2	44		4	41	72		4	65	74								
	3	44		1	31	53		1	53	55								
2070	1	40	1	4	23	57	1	4	44	60								
(97)	2	40	3	7	45	74	3	7	84	85								
	3	40	1	7	35	50	1	7	58	60							1	1
	1	42		3	19	40		3	26	40								
	2	42	3	6	39	69	3	6	72	76								
	3	42	1	6	34	49	1	6	51	54								
	1	44		1	12	27		1	17	29								
	2	44	2	5	30	66	2	5	60	70								
	3	44	1	4	30	46	1	4	49	52								
2070	1	40		1	32	76		1	57	79								
(98)	2	40	1	10	61	88	1	10	93	96								
	3	40	1	5	51	73	1	5	79	80								
	1	42		1	15	57		1	34	59								
	2	42	1	6	56	82	1	6	89	93								
	3	42	1	5	45	70	1	5	75	76								
	1	44		1	11	36		1	13	36								
	2	44	1	3	43	80	1	3	81	85								
	3	44		4	40	62		4	73	73								
2070	1	40		1	35	71		1	67	79								
(99)	2	40		5	57	90		5	100	103								
	3	40		2	41	70		2	88	89								
	1	42			21	51			35	54								
	2	42		3	51	84		3	93	96								
	3	42			37	66			83	85								
	1	44			11	37			17	38								
	2	44		1	45	79		1	83	91								
	3	44			35	60			78	79								
2070	1	40		1	25	59		1	50	62								
(00)	2	40		4	50	82		4	78	87								
	3	40		1	40	57		1	61	63								
	1	42			11	44			26	44								
	2	42		3	41	75		3	75	80								
	3	42		1	34	53		1	59	59								
	1	44			6	28			14	29								
	2	44		1	33	67		1	64	72								
	3	44			29	53			59	59								
2070	1	40			17	56			44	58								
(01)	2	40		2	42	69		2	68	73								
	3	40		1	30	50		1	54	56								
	1	42			11	38			30	43								
	2	42		1	35	68		1	64	71								
	3	42		1	28	50		1	51	54								
	1	44			7	19			11	21								
	2	44			29	65			53	66								
	3	44		1	21	45		1	47	50								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(8a)

City	Perth	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	19	52		1	37	37								
(90)	2	40		8	38	70		8	67	67								
	3	40		4	24	48		4	51	51								
	1	42			16	40			23	23								
	2	42		5	33	67		5	61	61								
	3	42		3	23	44		3	45	45								
	1	44			8	28			11	7								
	2	44		4	27	62		4	49	49								
	3	44		3	18	42		3	42	42								
2070	1	40	2	4	32	68	2	4	47	46								
(91)	2	40	4	15	54	89	4	15	83	83							1	1
	3	40	2	11	40	63	2	11	62	62							2	2
	1	42	2	4	22	60	2	4	28	27								
	2	42	4	13	46	78	4	13	74	74								
	3	42	2	10	38	60	2	10	59	59								
	1	44	2	4	18	44	2	4	17	15								
	2	44	4	13	41	73	4	13	64	64								
	3	44	2	7	34	56	2	7	56	56								
2070	1	40		2	30	57		2	46	45								
(92)	2	40	1	6	47	70	1	6	68	68								
	3	40		3	26	46		3	46	46								
	1	42		1	16	49		1	22	22								
	2	42		5	44	69		5	62	62								
	3	42		2	26	42		2	44	44								
	1	44			8	39			8	5								
	2	44		4	40	64		4	57	57								
	3	44		1	22	40		1	38	38								
2070	1	40		3	20	65		3	44	44								
(93)	2	40		8	52	83		8	71	71								
	3	40		3	35	53		3	57	57								
	1	42			16	54			26	25								
	2	42		6	44	81		6	66	66								
	3	42		3	34	51		3	49	49								
	1	44			9	40			13	9								
	2	44		4	37	75		4	58	58								
	3	44		2	27	49		2	47	47								
2070	1	40		1	38	86		1	60	56								
(94)	2	40	1	12	74	103	1	12	87	87								
	3	40		4	54	79		4	72	72								
	1	42		1	24	80		1	32	26								
	2	42	1	8	64	92	1	8	80	80								
	3	42		2	51	76		2	66	66								
	1	44		1	13	56		1	14	9								
	2	44		3	48	89		3	76	76								
	3	44		1	44	71		1	63	63								
2070	1	40		7	29	71		7	51	50								
(95)	2	40	2	13	57	91	2	13	81	81								
	3	40		9	40	59		9	51	51								
	1	42		2	21	62		2	30	26								
	2	42	2	10	46	81	2	10	74	74								
	3	42		6	38	55		6	48	48								
	1	44		2	13	46		2	15	11								
	2	44		10	42	75		10	66	66								
	3	44		4	34	53		4	46	46								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(8a)

City	Perth	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		6	38	76		6	52	50								
(96)	2	40	3	17	61	93	3	17	80	80								
	3	40	1	10	47	64	1	10	61	61								
	1	42		3	25	66		3	39	36								
	2	42	2	13	56	87	2	13	76	76								
	3	42	1	8	45	59	1	8	55	55								
	1	44		2	17	54		2	20	11								
	2	44	1	8	47	82	1	8	65	65								
	3	44		6	40	58		6	53	53								
2070	1	40	1	6	27	69	1	6	45	44								
(97)	2	40	4	17	54	86	4	17	84	84								
	3	40	1	12	38	61	1	12	58	58							1	1
	1	42		5	21	63		5	27	24								
	2	42	3	14	47	83	3	14	72	72								
	3	42	1	11	36	58	1	11	51	51								
	1	44		3	17	45		3	20	12								
	2	44	3	9	39	77	3	9	60	60								
	3	44	1	9	34	55	1	9	49	49								
2070	1	40	1	6	37	82	1	6	58	55								
(98)	2	40	1	14	71	102	1	14	93	93								
	3	40	2	10	56	85	2	10	79	79								
	1	42		2	23	78		2	37	33								
	2	42	1	13	63	95	1	13	89	89								
	3	42	1	8	53	80	1	8	75	75								
	1	44		1	14	61		1	15	11								
	2	44	1	11	56	89	1	11	81	81								
	3	44	1	7	49	77	1	7	73	73								
2070	1	40		3	39	84		3	67	67								
(99)	2	40		17	69	106		17	100	100								
	3	40		11	49	87		11	88	88								
	1	42		1	27	77		1	37	34								
	2	42		11	58	103		11	93	93								
	3	42		5	47	83		5	83	83								
	1	44			15	57			18	12								
	2	44		6	51	93		6	84	83								
	3	44		3	38	78		3	78	78								
2070	1	40		3	30	75		3	50	50								
(00)	2	40		10	59	101		10	78	78								
	3	40		7	49	71		7	61	61								
	1	42		1	16	65		1	27	25								
	2	42		9	51	96		9	75	75								
	3	42		4	46	64		4	59	59								
	1	44			10	50			17	12								
	2	44		4	41	88		4	65	64								
	3	44		3	36	58		3	59	59								
2070	1	40		1	24	68		1	46	43								
(01)	2	40		9	54	77		9	68	68								
	3	40		6	38	58		6	54	54								
	1	42			14	60			30	28								
	2	42		7	43	76		7	65	64								
	3	42		5	35	54		5	51	51								
	1	44			8	41			12	7								
	2	44		3	35	70		3	53	53								
	3	44		3	28	53		3	47	47								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(9)

City	Perth	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			19	39			39	44								
(90)	2	40		3	35	62		3	67	68								
	3	40		1	22	36		1	51	51								
	1	42			13	28			23	31								
	2	42		1	29	55		1	63	65								
	3	42		1	18	32		1	47	48								
	1	44			6	18			11	19								
	2	44			23	45			49	53								
	3	44		1	17	30		1	44	45								
2070	1	40	2	4	31	60	2	4	50	63								
(91)	2	40	4	11	46	72	4	11	84	84							1	1
	3	40	2	5	36	52	2	5	63	63							2	2
	1	42	2	4	20	44	2	4	28	45								
	2	42	4	6	41	69	4	6	76	79							1	1
	3	42	2	4	34	50	2	4	61	61								
	1	44	1	2	16	31	1	2	19	31								
	2	44	2	4	35	64	2	4	65	71								
	3	44	2	3	30	49	2	3	58	58								
2070	1	40		1	27	50		1	47	57								
(92)	2	40		4	46	64		4	69	70								
	3	40		1	26	38		1	47	47								
	1	42			15	39			27	41								
	2	42		2	40	58		2	63	65								
	3	42		1	22	37		1	46	47								
	1	44			7	27			7	26								
	2	44		2	33	56		2	58	63								
	3	44			18	35			39	40								
2070	1	40			19	53			46	57								
(93)	2	40		4	44	75		4	72	77								
	3	40		1	31	46		1	57	58								
	1	42			13	37			27	39								
	2	42		3	38	67		3	68	72								
	3	42		1	26	43		1	51	51								
	1	44			6	21			11	22								
	2	44			33	63			59	65								
	3	44			21	42			48	48								
2070	1	40		1	32	79		1	60	81								
(94)	2	40	1	3	69	90	1	3	89	91								
	3	40			49	67			73	73								
	1	42		1	21	51		1	34	54								
	2	42		1	51	87		1	83	87								
	3	42			42	64			69	69								
	1	44			11	36			14	33								
	2	44		1	44	86		1	78	87								
	3	44			39	64			63	65								
2070	1	40		2	25	62		2	50	65								
(95)	2	40	2	10	47	72	2	10	81	82								
	3	40		2	37	49		2	54	56								
	1	42		1	19	44		1	32	46								
	2	42		7	42	71		7	75	77								
	3	42		1	34	48		1	50	52								
	1	44			10	30			15	30								
	2	44		4	37	68		4	69	74								
	3	44			30	46			46	49								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(9)

City	Perth	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		3	32	65		3	52	65								
(96)	2	40	2	7	56	79	2	7	81	85								
	3	40	1	3	44	58	1	3	61	63								
	1	42		1	23	53		1	41	55								
	2	42	1	6	50	77	1	6	77	81								
	3	42		1	39	56		1	59	61								
	1	44			12	39			18	41								
	2	44		4	42	73		4	67	75								
	3	44		1	37	54		1	53	56								
2070	1	40	1	4	25	59	1	4	47	63								
(97)	2	40	3	8	49	75	3	8	87	88								
	3	40	1	7	35	50	1	7	61	61							1	1
	1	42		3	20	42		3	28	43								
	2	42	3	7	40	70	3	7	76	79								
	3	42	1	6	34	49	1	6	53	56								
	1	44		1	14	28		1	18	30								
	2	44	2	5	33	66	2	5	62	70								
	3	44	1	4	31	48	1	4	50	53								
2070	1	40		1	34	76		1	58	79								
(98)	2	40	1	11	63	88	1	11	93	96								
	3	40	1	5	52	74	1	5	79	80								
	1	42		1	18	59		1	37	63								
	2	42	1	8	57	83	1	8	91	95								
	3	42	1	5	49	71	1	5	77	78								
	1	44		1	13	37		1	15	37								
	2	44	1	5	44	80	1	5	83	86								
	3	44	1	4	45	64	1	4	73	73								
2070	1	40		1	36	75		1	70	82								
(99)	2	40		5	60	91		5	103	104								
	3	40		2	42	72		2	90	91								
	1	42			21	51			38	56								
	2	42		3	51	85		3	94	97								
	3	42			38	66			86	87								
	1	44			11	40			18	41								
	2	44		1	47	79		1	85	91								
	3	44			35	61			81	81								
2070	1	40		1	27	64		1	54	66								
(00)	2	40		4	52	83		4	83	89								
	3	40		1	44	57		1	64	65								
	1	42			12	47			31	51								
	2	42		4	44	75		4	76	81								
	3	42		1	36	53		1	60	61								
	1	44			8	31			15	32								
	2	44		1	34	67		1	68	73								
	3	44		1	31	53		1	59	59								
2070	1	40			18	58			45	60								
(01)	2	40		2	44	69		2	69	73								
	3	40		1	32	50		1	56	58								
	1	42			12	39			31	44								
	2	42		1	38	68		1	64	71								
	3	42		1	28	50		1	52	55								
	1	44			8	25			13	26								
	2	44			30	65			55	66								
	3	44		1	23	47		1	47	51								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(9a)

City	Perth	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	21	53		1	39	39								
(90)	2	40		8	40	72		8	67	67								
	3	40		4	26	52		4	51	51								
	1	42			16	41			23	23								
	2	42		6	34	69		6	63	63								
	3	42		3	23	44		3	47	47								
	1	44			9	30			14	9								
	2	44		4	28	63		4	49	49								
	3	44		3	19	44		3	44	44								
2070	1	40	2	6	32	69	2	6	50	49								
(91)	2	40	4	15	55	90	4	15	84	84							1	1
	3	40	2	11	41	64	2	11	63	63							2	2
	1	42	2	4	24	60	2	4	29	28								
	2	42	4	13	46	80	4	13	76	76							1	1
	3	42	2	10	39	61	2	10	61	61								
	1	44	2	4	18	45	2	4	19	17								
	2	44	4	13	41	74	4	13	65	65								
	3	44	2	9	35	58	2	9	58	58								
2070	1	40		2	31	58		2	48	47								
(92)	2	40	1	6	49	70	1	6	69	69								
	3	40		3	26	47		3	47	47								
	1	42		2	18	50		2	28	27								
	2	42		5	44	69		5	63	63								
	3	42		3	26	44		3	46	46								
	1	44			8	40			8	5								
	2	44		4	40	65		4	58	58								
	3	44		1	24	41		1	39	39								
2070	1	40		3	21	65		3	46	46								
(93)	2	40		8	53	84		8	72	72								
	3	40		4	35	53		4	57	57								
	1	42			16	56			27	27								
	2	42		7	46	82		7	68	68								
	3	42		3	34	52		3	51	51								
	1	44			9	42			13	9								
	2	44		4	38	75		4	59	59								
	3	44		3	28	49		3	48	48								
2070	1	40		1	38	86		1	63	59								
(94)	2	40	1	13	75	105	1	13	89	89								
	3	40		5	56	79		5	73	73								
	1	42		1	26	80		1	36	29								
	2	42	1	9	66	95	1	9	84	83								
	3	42		2	53	76		2	69	69								
	1	44		1	15	63		1	16	11								
	2	44	1	4	49	89	1	4	78	78								
	3	44		1	45	72		1	63	63								
2070	1	40		7	30	71		7	51	50								
(95)	2	40	2	15	59	91	2	15	81	81								
	3	40		10	40	59		10	54	54								
	1	42		2	22	64		2	33	32								
	2	42	2	11	47	82	2	11	75	75								
	3	42		7	39	55		7	50	50								
	1	44		2	14	47		2	15	11								
	2	44		10	42	76		10	69	69								
	3	44		4	34	53		4	46	46								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(9a)

City	Perth	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		6	40	77		6	54	52								
(96)	2	40	3	20	62	94	3	20	81	81								
	3	40	1	10	47	65	1	10	61	61								
	1	42		3	27	68		3	41	38								
	2	42	2	13	57	87	2	13	77	77								
	3	42	1	8	47	62	1	8	59	59								
	1	44		2	19	56		2	24	14								
	2	44	1	11	50	84	1	11	67	67								
	3	44	1	7	41	59	1	7	53	53								
2070	1	40	2	7	28	70	2	7	48	47								
(97)	2	40	4	17	55	89	4	17	87	87								
	3	40	1	13	38	63	1	13	61	61							1	1
	1	42		5	21	64		5	28	26								
	2	42	3	14	51	83	3	14	76	76								
	3	42	1	11	37	59	1	11	53	53								
	1	44		3	17	49		3	20	12								
	2	44	3	9	40	77	3	9	62	62								
	3	44	1	9	35	55	1	9	50	50								
2070	1	40	1	9	39	83	1	9	60	57								
(98)	2	40	1	15	75	104	1	15	93	93								
	3	40	2	11	59	87	2	11	79	79								
	1	42		2	24	78		2	39	36								
	2	42	1	13	63	96	1	13	91	91								
	3	42	1	8	54	83	1	8	77	77								
	1	44		1	14	63		1	16	12								
	2	44	1	11	57	92	1	11	83	83								
	3	44	1	8	50	79	1	8	73	73								
2070	1	40		3	41	85		3	70	70								
(99)	2	40		18	70	107		18	103	103								
	3	40		11	50	87		11	90	90								
	1	42		1	27	77		1	39	37								
	2	42		12	62	104		12	94	94								
	3	42		7	49	84		7	86	86								
	1	44			17	60			21	13								
	2	44		8	51	96		8	86	85								
	3	44		3	40	79		3	81	81								
2070	1	40		4	33	75		4	55	54								
(00)	2	40	1	10	59	103	1	10	83	83								
	3	40		7	50	73		7	64	64								
	1	42		1	18	65		1	33	30								
	2	42		9	52	96		9	76	76								
	3	42		5	48	66		5	60	60								
	1	44			10	52			17	13								
	2	44		5	44	92		5	68	68								
	3	44		3	38	60		3	59	59								
2070	1	40		1	27	68		1	46	45								
(01)	2	40		9	56	80		9	70	69								
	3	40		6	39	58		6	56	56								
	1	42			15	60			31	31								
	2	42		8	44	76		8	65	64								
	3	42		5	37	56		5	52	52								
	1	44			10	44			14	9								
	2	44		4	38	72		4	56	55								
	3	44		3	29	53		3	47	47								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(10)

City	Perth	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		8	50	76		8	82	83							1	1
(90)	2	40	5	17	72	96	4	16	115	117	2	2	2	2	4	4	22	22
	3	40	4	12	44	67	4	12	89	90	1	1	3	3	6	6	24	24
	1	42		4	37	66		4	70	72								
	2	42	4	16	69	90	3	15	105	107					2	2	13	13
	3	42	2	8	40	66	1	7	82	83	1	1	1	1	2	2	15	15
	1	44			28	50			57	60								
	2	44	2	13	63	85	2	13	99	101							2	2
	3	44	2	8	37	61	1	7	79	80			1	1	2	2	8	8
2070	1	40	4	15	64	91	4	15	97	99					1	1	4	4
(91)	2	40	14	30	77	101	15	29	119	119	3	3	4	4	10	10	23	23
	3	40	11	20	57	84	11	16	105	105	5	5	7	7	12	12	26	26
	1	42	4	13	51	73	4	13	87	87							2	2
	2	42	14	22	74	98	12	21	112	112	1	1	1	1	4	4	20	20
	3	42	7	19	53	79	7	15	99	100	2	2	4	4	8	8	20	20
	1	44	3	4	35	67	3	4	69	74								
	2	44	6	17	70	95	6	17	107	108	1	1	1	1	3	3	13	13
	3	44	5	16	50	76	5	15	92	94			2	2	5	5	15	15
2070	1	40	2	6	60	72	2	6	80	81								
(92)	2	40	6	25	72	86	4	24	117	117							16	16
	3	40	2	9	42	61	1	7	93	93	1	1	1	1	1	1	18	18
	1	42		4	47	65		4	72	73								
	2	42	4	17	68	83	4	17	103	103							8	8
	3	42	2	8	41	57	1	7	84	84					1	1	13	13
	1	44		2	39	56		2	61	63								
	2	44	4	11	62	79	4	11	92	93							3	3
	3	44	1	7	41	56	1	6	73	74							5	5
2070	1	40		8	61	84		8	91	94							1	1
(93)	2	40	6	20	80	101	6	20	115	115			2	2	3	3	24	24
	3	40	2	13	50	81	3	11	97	98	1	1	1	1	3	3	21	21
	1	42		4	51	75		4	77	79								
	2	42	4	16	78	97	4	16	112	112					1	1	10	10
	3	42	1	11	49	69	1	10	91	91					1	1	9	9
	1	44		1	34	65		1	64	69								
	2	44	3	14	69	90	3	14	107	108							5	5
	3	44	1	9	46	67	1	8	88	89					1	1	6	6
2070	1	40	1	12	88	106	1	12	100	108							1	1
(94)	2	40	7	32	98	117	6	31	132	135					4	4	23	23
	3	40	2	24	71	88	3	24	105	105					1	1	23	23
	1	42	1	3	74	92	1	3	91	94								
	2	42	4	24	93	114	3	24	122	125					1	1	13	13
	3	42	1	16	70	86	2	16	95	98							14	14
	1	44		1	49	86		1	79	87								
	2	44	2	21	91	110	1	21	113	119							5	5
	3	44		14	68	84	1	14	93	95							11	11
2070	1	40	4	15	64	91	4	15	98	100							2	2
(95)	2	40	10	29	80	113	10	29	126	128	1	1	1	1	7	7	22	22
	3	40	4	23	53	82	5	23	104	105			1	1	8	8	23	23
	1	42	2	10	53	75	2	10	87	90								
	2	42	10	22	73	111	10	22	118	121			1	1	2	2	12	12
	3	42	2	21	50	73	2	21	98	99					1	1	15	15
	1	44		6	40	71		6	74	77								
	2	44	7	20	71	101	7	20	112	113					1	1	11	11
	3	44	2	16	49	69	2	16	90	90							11	11

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(10)

City	Perth	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	4	20	70	94	4	20	101	104							2	2
(96)	2	40	12	34	87	111	12	34	130	130			1	1	4	4	31	31
	3	40	7	25	59	84	7	25	108	109					1	1	29	29
	1	42	2	9	60	83	2	9	88	92								
	2	42	8	28	81	106	8	28	125	126					2	2	18	18
	3	42	5	21	58	76	5	21	103	103							13	13
	1	44	1	5	44	75	1	5	69	78								
	2	44	6	24	77	102	6	24	115	116							6	6
	3	44	3	19	58	75	3	19	98	98							6	6
2070	1	40	5	17	65	89	5	17	101	103							4	4
(97)	2	40	12	27	81	106	14	27	126	128	3	3	5	5	10	10	23	23
	3	40	9	22	55	89	11	24	112	112	6	6	7	7	11	11	25	25
	1	42	4	9	54	77	4	9	89	91							1	1
	2	42	8	22	75	103	8	22	121	122	1	1	2	2	5	5	14	14
	3	42	8	20	52	83	9	20	105	105	4	4	5	5	9	9	20	20
	1	44	3	5	39	69	3	5	69	75								
	2	44	7	21	72	99	7	21	113	115					2	2	10	10
	3	44	7	17	50	77	8	17	101	103	1	1	2	2	6	6	15	15
2070	1	40	3	14	79	104	3	14	114	118							1	1
(98)	2	40	11	36	93	126	11	36	133	134					4	4	27	27
	3	40	7	25	78	103	7	25	120	121					7	7	27	27
	1	42	1	11	67	90	1	11	101	101								
	2	42	11	31	88	122	11	31	130	131					1	1	14	14
	3	42	6	21	75	100	6	21	115	116					1	1	18	18
	1	44	1	6	50	82	1	6	86	90								
	2	44	10	22	83	112	10	22	124	126							9	9
	3	44	5	18	73	92	5	18	110	112							13	13
2070	1	40	1	17	78	107	1	17	118	121								
(99)	2	40	11	37	100	130	11	37	143	145					3	3	31	31
	3	40	3	25	78	106	4	25	131	131					4	4	37	37
	1	42		7	65	93		7	107	107								
	2	42	5	34	94	122	5	34	137	138							19	19
	3	42	2	21	73	101	2	21	119	121					1	1	25	25
	1	44		2	50	80		2	90	93								
	2	44	4	27	86	119	4	27	125	130							7	7
	3	44	2	18	70	98	2	18	117	118							14	14
2070	1	40	1	10	67	103	1	10	109	110							3	3
(00)	2	40	5	28	94	122	7	28	137	139	3	3	3	3	7	7	25	25
	3	40	3	19	58	95	7	21	118	118	2	2	3	3	9	9	32	32
	1	42		5	56	90		5	92	96								
	2	42	4	23	86	118	6	23	132	132	1	1	1	1	3	3	14	14
	3	42	1	15	57	91	4	17	112	113	2	2	2	2	4	4	18	18
	1	44		2	37	72		2	71	77								
	2	44	4	15	75	111	4	15	121	122							9	9
	3	44	1	14	57	88	3	15	106	107	1	1	1	1	3	3	13	13
2070	1	40		9	65	80		9	79	85								
(01)	2	40	8	20	74	97	8	19	111	112					1	1	21	21
	3	40	3	13	53	74	3	13	89	89					4	4	24	24
	1	42		3	47	71		3	71	74								
	2	42	2	15	69	95	2	15	105	109							11	11
	3	42	1	9	51	68	1	9	85	85							17	17
	1	44		1	34	68		1	60	69								
	2	44	1	13	68	88	1	13	96	99							2	2
	3	44	1	9	50	67	1	9	81	83							8	8

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(10a)

City	Perth	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		15	57	88		15	82	82							1	1
(90)	2	40	8	28	76	108	7	27	115	115	2	2	2	3	4	10	22	22
	3	40	5	20	45	81	5	21	89	89	1	5	3	8	6	16	24	24
	1	42		10	43	75		10	70	70								
	2	42	5	24	72	101	4	23	105	105				1	2	2	13	13
	3	42	4	18	45	74	3	17	82	82	1	2	1	2	2	7	15	15
	1	44		4	31	65		4	57	57								
	2	44	3	18	68	96	3	18	99	99							2	2
	3	44	2	16	41	70	1	15	79	79			1	1	2	2	8	8
2070	1	40	4	21	69	98	4	21	97	97					1	1	4	4
(91)	2	40	16	43	88	114	16	43	119	119	3	7	4	10	10	18	23	23
	3	40	12	35	62	95	12	35	105	105	5	11	7	14	12	26	26	26
	1	42	4	16	60	94	4	16	87	87							2	2
	2	42	14	38	78	109	13	37	112	112	1	3	1	3	4	7	20	20
	3	42	11	33	59	90	9	33	99	99	2	5	4	7	8	14	20	20
	1	44	4	13	44	75	4	13	69	69								
	2	44	12	33	73	103	12	33	107	107	1	2	1	2	3	4	13	13
	3	44	7	28	54	86	7	27	92	92		3	2	4	5	8	15	15
2070	1	40	2	17	61	82	2	17	80	80								
(92)	2	40	7	39	74	104	6	38	117	117		1		3		6	16	16
	3	40	4	24	45	73	3	24	93	93	1	3	1	5	1	13	18	18
	1	42	1	8	52	73	1	8	72	72								
	2	42	4	34	72	95	4	34	103	103						3	8	8
	3	42	3	21	42	70	2	21	84	84				2	1	4	13	13
	1	44		4	43	67		4	61	61								
	2	44	4	27	67	87	4	27	92	92							3	3
	3	44	2	14	42	67	1	13	73	73						2	5	5
2070	1	40	3	16	65	94	3	16	91	91							1	1
(93)	2	40	9	40	86	116	9	40	115	115		2	2	5	3	10	24	24
	3	40	3	28	53	96	4	28	97	97	1	4	1	7	3	14	21	21
	1	42		10	56	87		10	77	77								
	2	42	5	33	81	111	5	33	112	112					1	3	10	10
	3	42	3	26	50	87	3	26	91	91				2	1	7	9	9
	1	44		5	40	77		5	64	64								
	2	44	4	23	76	104	4	23	107	107							5	5
	3	44	1	18	48	83	1	17	88	88					1	3	6	6
2070	1	40	1	24	91	113	1	24	100	100							1	1
(94)	2	40	11	54	106	127	10	53	132	132		3		4	4	16	23	23
	3	40	5	45	77	104	5	44	105	105		7		14	1	24	23	23
	1	42	1	14	83	107	1	14	91	91								
	2	42	6	42	97	124	6	42	122	122				1	1	4	13	13
	3	42	2	37	74	100	3	37	95	95		2		4		13	14	14
	1	44	1	5	57	92	1	5	79	79								
	2	44	4	37	92	117	3	37	113	113							5	5
	3	44	1	32	71	95	2	32	93	93						4	11	11
2070	1	40	7	22	71	111	7	22	98	98							2	2
(95)	2	40	13	45	90	125	13	45	126	126	1	2	1	6	7	18	22	22
	3	40	7	34	56	100	7	34	104	104		10	1	13	8	25	23	23
	1	42	2	18	62	98	2	18	87	87								
	2	42	10	41	81	123	10	41	118	118			1	1	2	2	12	12
	3	42	5	34	55	97	5	34	98	98				3	1	13	15	15
	1	44	1	10	44	80	1	10	74	74								
	2	44	10	32	73	116	10	32	112	112					1	1	11	11
	3	44	4	28	52	88	4	28	90	90						3	11	11

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(10a)

City	Perth	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	6	28	75	106	6	28	101	101							2	2
(96)	2	40	17	54	92	132	17	54	130	130		4	1	9	4	19	31	31
	3	40	9	41	63	100	9	41	108	108		9		13	1	25	29	29
	1	42	3	21	66	98	3	21	88	88								
	2	42	12	47	87	122	12	47	125	125		1		2	2	4	18	18
	3	42	7	38	59	97	7	38	103	103		3		5		13	13	13
	1	44	2	12	53	87	2	12	69	69								
	2	44	8	41	81	115	8	41	115	115						1	6	6
	3	44	5	31	58	92	5	31	98	98		1		1		5	6	6
2070	1	40	5	22	69	103	5	22	101	101							4	4
(97)	2	40	17	45	86	120	18	45	126	126	3	7	5	9	10	21	23	23
	3	40	12	35	60	101	14	35	112	112	6	16	7	17	11	26	25	25
	1	42	4	19	59	93	4	19	89	89							1	1
	2	42	12	39	81	115	12	39	121	121	1	3	2	3	5	7	14	14
	3	42	10	33	58	94	11	33	105	105	4	7	5	8	9	18	20	20
	1	44	3	12	43	81	3	12	69	69								
	2	44	8	30	75	109	8	30	113	113					2	3	10	10
	3	44	9	30	55	92	10	30	101	101	1	3	2	4	6	8	15	15
2070	1	40	6	31	82	122	6	31	114	114							1	1
(98)	2	40	14	61	102	137	14	61	133	133		6		9	4	18	27	27
	3	40	8	50	84	114	8	50	120	120		9		12	7	33	27	27
	1	42	1	15	77	106	1	15	101	101								
	2	42	12	55	94	134	12	55	130	130		1		2	1	8	14	14
	3	42	8	45	80	113	8	45	115	115		6		7	1	12	18	18
	1	44	1	11	60	93	1	11	86	86								
	2	44	11	42	88	130	11	42	124	124						1	9	9
	3	44	6	38	76	109	6	38	110	110		1		3		7	13	13
2070	1	40	2	34	81	121	2	34	118	118								
(99)	2	40	15	57	107	143	15	57	143	143		2		5	3	19	31	31
	3	40	8	40	86	123	9	40	131	131		7		13	4	28	37	37
	1	42	1	21	76	110	1	21	107	107								
	2	42	11	50	103	138	11	50	137	137						4	19	19
	3	42	3	37	83	121	3	37	119	119		1		6	1	13	25	25
	1	44		11	52	99		11	90	89								
	2	44	5	45	94	136	5	45	125	125							7	7
	3	44	2	35	75	116	2	35	117	117						6	14	14
2070	1	40	2	23	73	118	2	23	109	109							3	3
(00)	2	40	10	50	100	135	12	50	137	137	3	4	3	4	7	14	25	25
	3	40	6	38	68	114	8	38	118	118	2	8	3	13	9	25	32	32
	1	42	1	11	64	107	1	11	92	92								
	2	42	6	40	95	132	8	40	132	132	1	1	1	2	3	4	14	14
	3	42	4	34	64	110	7	35	112	112	2	3	2	4	4	13	18	18
	1	44		5	48	94		5	71	71								
	2	44	4	33	86	123	4	33	121	121							9	9
	3	44	2	27	57	103	4	27	106	106	1	1	1	1	3	5	13	13
2070	1	40	1	15	68	95	1	15	79	79								
(01)	2	40	9	42	77	116	9	41	111	111				3	1	7	21	21
	3	40	6	30	57	90	6	30	89	89		5		8	4	18	24	24
	1	42		10	58	80		10	71	71								
	2	42	7	34	74	107	7	34	105	105						1	11	11
	3	42	5	26	54	85	5	26	85	85		2		3		8	17	17
	1	44		7	40	74		7	61	60								
	2	44	2	27	69	101	2	27	96	96							2	2
	3	44	3	20	51	83	3	20	81	81						3	8	8

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(11)

City	Perth	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			12	25			21	28								
(90)	2	40			22	43			45	50								
	3	40			14	29			35	36								
	1	42			5	17			8	17								
	2	42			19	39			40	44								
	3	42			9	26			32	35								
	1	44			2	12			1	11								
	2	44			16	32			31	35								
	3	44			7	25			30	33								
2070	1	40	2	2	19	40	2	2	24	40								
(91)	2	40	2	4	32	61	2	4	59	66								
	3	40	1	2	22	42	1	2	47	48								
	1	42		2	16	31		2	16	29								
	2	42	2	4	31	60	2	4	51	63								
	3	42	1	2	19	42	1	2	44	46								
	1	44		2	7	18		2	6	17								
	2	44	2	4	24	48	2	4	42	52								
	3	44	1	2	18	41	1	2	39	44								
2070	1	40			11	38			15	36								
(92)	2	40		1	31	55		1	54	61								
	3	40			10	30			34	35								
	1	42			6	23			4	22								
	2	42		1	26	49		1	47	57								
	3	42			10	27			31	32								
	1	44			2	11			2	11								
	2	44			18	42			37	46								
	3	44			9	26			27	30								
2070	1	40			11	36			25	38								
(93)	2	40			22	57			56	61								
	3	40			15	38			44	45								
	1	42			5	20			9	20								
	2	42			19	53			48	57								
	3	42			13	37			40	42								
	1	44			3	14			3	14								
	2	44			16	47			40	51								
	3	44			11	35			34	40								
2070	1	40			17	45			29	47								
(94)	2	40		1	38	82		1	73	84								
	3	40			24	58			61	63								
	1	42			8	31			11	29								
	2	42		1	32	79		1	62	81								
	3	42			22	56			52	61								
	1	44			2	19			2	19								
	2	44		1	27	67		1	50	73								
	3	44			16	54			43	59								
2070	1	40			18	42			27	43								
(95)	2	40		2	30	64		2	60	68								
	3	40			26	41			44	45								
	1	42			10	29			15	29								
	2	42		2	25	62		2	51	65								
	3	42			23	41			41	43								
	1	44			7	20			7	20								
	2	44		2	22	51		2	41	52								
	3	44			19	40			38	41								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(11)

City	Perth	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			21	48			36	49								
(96)	2	40		3	40	69		3	63	70								
	3	40		1	25	52		1	52	54								
	1	42			12	34			15	36								
	2	42		3	32	65		3	53	65								
	3	42		1	23	50		1	49	52								
	1	44			6	23			6	23								
	2	44		2	27	58		2	47	61								
	3	44		1	20	47		1	44	52								
2070	1	40		2	18	40		2	25	40								
(97)	2	40	1	5	28	65	1	5	56	68								
	3	40		1	23	43		1	43	46								
	1	42			10	26			16	28								
	2	42		4	25	59		4	47	63								
	3	42		1	21	41		1	40	42								
	1	44			6	21			7	21								
	2	44		3	21	54		3	36	54								
	3	44		1	20	38		1	37	40								
2070	1	40		1	15	57		1	31	59								
(98)	2	40	1	1	39	79	1	1	76	83								
	3	40		2	28	62		2	68	70								
	1	42			11	35			13	35								
	2	42		1	34	76		1	59	79								
	3	42		2	24	61		2	62	66								
	1	44			7	18			8	18								
	2	44		1	24	65		1	46	70								
	3	44		1	20	60		1	50	62								
2070	1	40			18	51			34	54								
(99)	2	40		1	41	77		1	80	89								
	3	40			28	57			65	71								
	1	42			10	37			16	38								
	2	42			36	75			70	82								
	3	42			24	54			57	63								
	1	44			3	23			3	23								
	2	44			27	64			57	73								
	3	44			21	51			52	59								
2070	1	40			11	43			24	43								
(00)	2	40		1	33	67		1	61	71								
	3	40			20	51			55	56								
	1	42			5	26			10	27								
	2	42			27	64			57	66								
	3	42			16	50			51	54								
	1	44			3	14			5	15								
	2	44			18	54			46	57								
	3	44			15	50			45	51								
2070	1	40			10	35			25	40								
(01)	2	40			27	62			51	64								
	3	40			17	43			44	47								
	1	42			5	18			10	20								
	2	42			18	58			45	60								
	3	42			12	42			37	44								
	1	44			1	12			1	12								
	2	44			15	47			35	51								
	3	44			9	39			34	41								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(11a)

City	Perth	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			15	38			21	21								
(90)	2	40		2	27	60		2	45	45								
	3	40		1	15	35		1	35	35								
	1	42			7	27			9	6								
	2	42			21	54			40	40								
	3	42		1	14	32		1	32	32								
	1	44			4	19			3	1								
	2	44			19	44			31	31								
	3	44		1	13	30		1	30	30								
2070	1	40	2	4	20	60	2	4	24	23								
(91)	2	40	2	8	36	72	2	8	59	59								
	3	40	2	4	29	52	2	4	47	47								
	1	42		4	17	43		4	16	13								
	2	42	2	4	34	69	2	4	52	50								
	3	42	1	3	27	50	1	3	45	44								
	1	44		2	13	31		2	11	4								
	2	44	2	4	31	65	2	4	44	42								
	3	44	1	3	19	49	1	3	39	39								
2070	1	40		1	15	48		1	17	15								
(92)	2	40		4	39	63		4	55	54								
	3	40		1	14	38		1	34	34								
	1	42			6	38			5	3								
	2	42		2	31	59		2	48	47								
	3	42			11	37			31	31								
	1	44			4	26			4									
	2	44		2	25	55		2	37	37								
	3	44			9	35			27	27								
2070	1	40			15	53			25	24								
(93)	2	40		3	32	73		3	56	56								
	3	40		1	18	47		1	44	44								
	1	42			9	38			11	7								
	2	42		1	21	65		1	48	48								
	3	42			18	43			40	40								
	1	44			4	21			4	1								
	2	44			19	61			40	40								
	3	44			13	42			34	34								
2070	1	40		1	23	78		1	31	25								
(94)	2	40		1	46	86		1	73	73								
	3	40			32	65			61	60								
	1	42			11	52			12	9								
	2	42		1	38	86		1	64	61								
	3	42			26	62			53	52								
	1	44			4	33			4	1								
	2	44		1	31	85		1	51	46								
	3	44			24	61			44	43								
2070	1	40		2	20	62		2	28	25								
(95)	2	40		7	40	72		7	61	60								
	3	40		1	30	49		1	44	44								
	1	42			13	44			15	11								
	2	42		6	30	71		6	52	51								
	3	42			28	48			41	41								
	1	44			10	30			10	2								
	2	44		2	25	68		2	41	41								
	3	44			23	46			38	38								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(11a)

City	Perth	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		3	23	65		3	36	32								
(96)	2	40		6	47	79		6	63	63								
	3	40		2	31	58		2	52	52								
	1	42		1	15	53		1	18	9								
	2	42		5	41	77		5	55	53								
	3	42		1	26	56		1	49	49								
	1	44			7	40			7	2								
	2	44		3	32	73		3	48	47								
	3	44		1	25	53		1	44	44								
2070	1	40		4	21	59		4	27	24								
(97)	2	40	2	7	39	75	2	7	56	56								
	3	40	1	6	30	50	1	6	43	43								
	1	42		3	16	43		3	19	12								
	2	42	1	5	29	71	1	5	48	47								
	3	42		5	28	49		5	40	40								
	1	44		1	7	28		1	8	5								
	2	44		5	25	66		5	38	36								
	3	44		4	22	47		4	37	36								
2070	1	40		1	22	76		1	33	29								
(98)	2	40	1	10	52	88	1	10	77	76								
	3	40		5	40	74		5	68	68								
	1	42		1	14	60		1	15	11								
	2	42	1	6	41	83	1	6	63	58								
	3	42		4	34	71		4	62	62								
	1	44		1	11	39		1	11	1								
	2	44		2	34	81		2	50	45								
	3	44		3	27	63		3	52	49								
2070	1	40			24	75			36	32								
(99)	2	40		4	50	91		4	81	80								
	3	40			35	72			65	65								
	1	42			14	52			18	10								
	2	42		2	41	85		2	70	70								
	3	42			30	66			57	57								
	1	44			5	41			5									
	2	44		1	36	79		1	59	56								
	3	44			25	61			52	52								
2070	1	40			15	64			25	23								
(00)	2	40		4	37	83		4	62	61								
	3	40		1	29	57		1	55	55								
	1	42			10	48			15	9								
	2	42		2	33	75		2	57	57								
	3	42		1	25	53		1	51	51								
	1	44			4	33			6	3								
	2	44		1	26	69		1	46	46								
	3	44			19	53			45	45								
2070	1	40			13	58			25	23								
(01)	2	40		2	34	69		2	51	51								
	3	40		1	21	50		1	44	44								
	1	42			8	39			12	6								
	2	42		1	28	68		1	46	45								
	3	42		1	18	50		1	37	37								
	1	44			2	26			2									
	2	44			18	66			37	35								
	3	44		1	14	47		1	35	34								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(12)

City	Perth	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			18	39			39	44								
(90)	2	40		4	34	62		4	69	70								
	3	40		3	21	38		3	54	54								
	1	42			13	27			23	30								
	2	42		4	28	56		4	64	66								
	3	42		1	19	34		1	49	50								
	1	44			5	17			10	18								
	2	44		2	24	46		2	51	55								
	3	44		1	18	31		1	44	45								
2070	1	40	2	4	31	59	2	4	49	62								
(91)	2	40	4	13	46	72	4	13	84	84							2	2
	3	40	2	9	36	52	2	9	63	63							3	3
	1	42	2	4	19	42	2	4	28	44								
	2	42	4	13	41	69	4	13	78	81							1	1
	3	42	2	5	33	50	2	5	61	61							3	3
	1	44	2	4	16	31	2	4	17	30								
	2	44	4	8	35	64	4	8	64	71							1	1
	3	44	2	5	29	50	2	5	59	59							2	2
2070	1	40		2	26	47		2	45	54								
(92)	2	40	1	4	46	64	1	4	70	71								
	3	40		2	26	38		2	48	48								
	1	42		1	14	39		1	27	41								
	2	42		4	40	59		4	63	65								
	3	42		1	21	37		1	46	47								
	1	44			7	27			6	26								
	2	44		4	32	56		4	58	63								
	3	44		1	15	35		1	42	43								
2070	1	40			19	51			46	57								
(93)	2	40		5	44	75		5	73	79								
	3	40		3	30	47		3	58	59								
	1	42			12	36			27	38								
	2	42		4	38	68		4	68	72								
	3	42		1	26	44		1	56	56								
	1	44			6	20			11	22								
	2	44		3	29	63		3	58	65								
	3	44		1	19	42		1	49	49								
2070	1	40		1	32	76		1	60	80								
(94)	2	40	1	8	67	90	1	8	89	91								
	3	40		1	47	67		1	73	73								
	1	42		1	19	51		1	33	54								
	2	42	1	3	52	89	1	3	83	87								
	3	42			41	64			71	71								
	1	44			9	36			11	33								
	2	44	1	1	43	86	1	1	76	87								
	3	44			35	64			64	66								
2070	1	40		4	25	62		4	50	65								
(95)	2	40	2	10	46	73	2	10	83	84							1	1
	3	40		5	36	49		5	55	57								
	1	42		2	19	43		2	31	45								
	2	42	2	10	42	71	2	10	76	78								
	3	42		3	34	48		3	50	52								
	1	44			10	29			15	29								
	2	44	1	7	37	68	1	7	67	74								
	3	44		2	30	47		2	48	51								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(12)

City	Perth	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	31	64		4	51	64								
(96)	2	40	3	12	56	80	3	12	83	88								
	3	40	1	7	41	58	1	7	63	65								
	1	42		3	22	50		3	41	54								
	2	42	2	8	48	77	2	8	77	81								
	3	42	1	5	38	57	1	5	60	62								
	1	44		1	12	38		1	17	40								
	2	44	1	6	42	73	1	6	65	75								
	3	44	1	3	33	55	1	3	53	57								
2070	1	40	2	5	24	59	2	5	46	62								
(97)	2	40	4	14	47	75	4	14	87	88							2	2
	3	40	1	10	35	51	1	10	62	62							3	3
	1	42		4	19	41		4	27	41								
	2	42	4	9	40	71	4	9	78	82								
	3	42	1	8	34	49	1	8	56	59							1	1
	1	44		3	13	27		3	17	29								
	2	44	3	7	30	66	3	7	61	70								
	3	44	1	7	30	48	1	7	50	53							1	1
2070	1	40	1	3	33	76	1	3	57	79								
(98)	2	40	1	12	63	88	1	12	97	100								
	3	40	2	8	52	74	2	8	81	82								
	1	42		1	17	57		1	36	61								
	2	42	1	11	57	83	1	11	91	95								
	3	42	1	6	45	72	1	6	78	79								
	1	44		1	12	37		1	14	37								
	2	44	1	10	44	80	1	10	84	88								
	3	44	1	5	44	66	1	5	73	73								
2070	1	40		1	36	74		1	68	81								
(99)	2	40	1	11	58	92	1	11	104	105								
	3	40		3	42	72		3	91	92								
	1	42			21	51			37	55								
	2	42		6	51	85		6	96	99								
	3	42		2	37	67		2	89	90								
	1	44			11	39			17	40								
	2	44		4	46	79		4	84	91								
	3	44		2	35	61		2	81	81								
2070	1	40		1	25	63		1	52	65								
(00)	2	40	1	8	51	84	1	8	86	93								
	3	40		3	43	57		3	65	66								
	1	42			12	44			29	47								
	2	42		4	43	75		4	76	81								
	3	42		2	36	53		2	61	62								
	1	44			8	30			15	31								
	2	44		4	34	67		4	67	73								
	3	44		1	30	53		1	59	59								
2070	1	40			17	58			44	60								
(01)	2	40		7	43	69		7	69	73								
	3	40		3	30	50		3	59	60								
	1	42			12	39			30	44								
	2	42		3	35	68		3	64	71								
	3	42		3	28	50		3	54	57								
	1	44			8	24			13	25								
	2	44		2	30	65		2	54	66								
	3	44		1	22	47		1	48	52								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(12a)

City	Perth	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	20	54		4	39	39								
(90)	2	40		13	39	73		13	69	69								
	3	40		6	26	53		6	54	54								
	1	42			16	41			23	23								
	2	42		10	34	69		10	64	64								
	3	42		5	25	46		5	49	49								
	1	44			9	29			13	8								
	2	44		6	28	64		6	51	51								
	3	44		4	19	44		4	44	44								
2070	1	40	4	13	32	69	4	13	49	48								
(91)	2	40	4	17	55	90	4	17	84	84							2	2
	3	40	3	15	41	66	3	15	63	63							3	3
	1	42	2	4	23	60	2	4	29	28								
	2	42	4	16	46	87	4	16	78	78							1	1
	3	42	2	12	38	61	2	12	61	61							3	3
	1	44	2	4	18	45	2	4	17	15								
	2	44	4	14	41	74	4	14	64	64							1	1
	3	44	2	11	35	59	2	11	59	59							2	2
2070	1	40		4	31	59		4	46	45								
(92)	2	40	2	11	48	71	2	11	70	70								
	3	40		6	26	51		6	48	48								
	1	42		2	18	50		2	28	27								
	2	42	1	7	44	69	1	7	63	63								
	3	42		4	26	45		4	46	46								
	1	44		1	8	40		1	8	5								
	2	44		6	40	65		6	58	58								
	3	44		3	23	42		3	42	42								
2070	1	40		4	22	66		4	46	46								
(93)	2	40		14	53	85		14	73	73								
	3	40		7	35	55		7	58	58								
	1	42		1	16	55		1	27	26								
	2	42		10	44	82		10	68	68								
	3	42		6	34	52		6	56	56								
	1	44			9	42			13	9								
	2	44		8	38	75		8	58	58								
	3	44		4	28	49		4	49	49								
2070	1	40		3	38	86		3	63	59								
(94)	2	40	1	21	75	105	1	21	89	89								
	3	40		10	55	79		10	73	73								
	1	42		1	25	80		1	35	29								
	2	42	1	14	68	99	1	14	84	83								
	3	42		10	53	78		10	71	71								
	1	44		1	14	60		1	14	9								
	2	44	1	9	48	90	1	9	76	76								
	3	44		5	45	75		5	64	64								
2070	1	40		10	30	71		10	51	50								
(95)	2	40	2	20	58	94	2	20	83	83							1	1
	3	40		13	40	62		13	55	55								
	1	42		6	22	62		6	32	30								
	2	42	2	18	47	87	2	18	76	76								
	3	42		12	39	58		12	50	50								
	1	44		2	13	46		2	15	11								
	2	44	2	13	42	77	2	13	67	67								
	3	44		10	34	54		10	48	48								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(12a)

City	Perth	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	8	39	77	1	8	53	51								
(96)	2	40	3	23	62	94	3	23	83	83								
	3	40	1	15	47	67	1	15	63	63								
	1	42		5	26	66		5	41	38								
	2	42	3	21	56	87	3	21	77	77								
	3	42	1	12	45	63	1	12	60	60								
	1	44		3	17	56		3	21	13								
	2	44	2	15	48	84	2	15	65	65								
	3	44	1	10	41	59	1	10	53	53								
2070	1	40	3	9	28	71	3	9	47	46								
(97)	2	40	5	21	55	90	5	21	87	87							2	2
	3	40	4	15	38	68	4	15	62	62							3	3
	1	42	1	5	21	64	1	5	27	25								
	2	42	4	19	49	84	4	19	78	78								
	3	42	1	14	37	60	1	14	56	56							1	1
	1	44		4	17	47		4	20	12								
	2	44	4	17	40	77	4	17	61	61								
	3	44	1	13	35	56	1	13	50	50							1	1
2070	1	40	1	11	37	83	1	11	58	55								
(98)	2	40	2	22	72	106	2	22	97	97								
	3	40	2	15	57	87	2	15	81	81								
	1	42	1	6	24	78	1	6	39	35								
	2	42	1	15	63	97	1	15	91	91								
	3	42	2	11	53	84	2	11	78	78								
	1	44		1	14	63		1	15	11								
	2	44	1	14	57	93	1	14	84	84								
	3	44	2	11	50	80	2	11	73	73								
2070	1	40		6	40	85		6	68	68								
(99)	2	40	1	26	70	109	1	26	104	104								
	3	40		16	49	88		16	91	91								
	1	42		2	27	77		2	38	36								
	2	42	1	20	60	106	1	20	96	96								
	3	42		14	48	86		14	89	89								
	1	44		1	16	58		1	19	12								
	2	44		15	51	97		15	85	84								
	3	44		11	39	82		11	81	81								
2070	1	40		4	31	75		4	52	52								
(00)	2	40	1	15	59	106	1	15	86	86								
	3	40		12	49	76		12	65	65								
	1	42		2	16	65		2	30	28								
	2	42	1	11	52	98	1	11	76	76								
	3	42		10	48	68		10	61	61								
	1	44		1	10	51		1	17	13								
	2	44		10	43	93		10	68	67								
	3	44		7	37	62		7	59	59								
2070	1	40		3	25	68		3	46	44								
(01)	2	40		12	55	80		12	69	69								
	3	40		7	39	59		7	59	59								
	1	42		1	15	60		1	30	30								
	2	42		9	44	76		9	65	64								
	3	42		6	36	57		6	54	54								
	1	44			10	43			14	9								
	2	44		8	35	72		8	54	54								
	3	44		6	28	54		6	48	48								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(13)

City	Perth	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			14	30			26	33								
(90)	2	40			24	46			51	54								
	3	40		1	15	30		1	40	41								
	1	42			7	19			13	20								
	2	42			21	43			44	50								
	3	42			14	30			38	39								
	1	44			3	14			2	13								
	2	44			18	37			39	43								
	3	44			10	28			32	35								
2070	1	40	2	4	21	45	2	4	31	47								
(91)	2	40	3	4	35	66	3	4	67	74								
	3	40	2	3	29	47	2	3	56	56								
	1	42	2	2	16	34	2	2	21	35								
	2	42	2	4	32	61	2	4	59	66								
	3	42	2	3	23	44	2	3	48	50								
	1	44		2	12	22		2	14	21								
	2	44	2	4	27	57	2	4	47	60								
	3	44	1	2	19	42	1	2	45	47								
2070	1	40			15	41			29	43								
(92)	2	40		2	37	56		2	60	63								
	3	40			14	35			37	38								
	1	42			7	28			9	27								
	2	42		2	31	55		2	54	61								
	3	42			11	30			35	36								
	1	44			5	15			4	15								
	2	44		1	25	46		1	45	54								
	3	44			10	28			32	33								
2070	1	40			15	40			29	43								
(93)	2	40			34	64			59	66								
	3	40			18	40			47	47								
	1	42			8	22			14	24								
	2	42			22	56			54	61								
	3	42			17	39			45	46								
	1	44			5	17			5	16								
	2	44			18	51			46	57								
	3	44			13	37			41	42								
2070	1	40		1	22	57		1	37	60								
(94)	2	40		1	47	86		1	78	87								
	3	40			32	62			63	63								
	1	42			12	39			16	37								
	2	42		1	38	82		1	73	84								
	3	42			26	58			61	63								
	1	44			3	23			4	23								
	2	44		1	31	72		1	60	77								
	3	44			24	56			55	62								
2070	1	40		2	20	46		2	35	48								
(95)	2	40		5	39	68		5	72	76								
	3	40			28	43			46	48								
	1	42			11	30			16	30								
	2	42		2	30	64		2	59	67								
	3	42			26	41			45	45								
	1	44			10	22			11	22								
	2	44		2	24	61		2	50	64								
	3	44			23	41			41	43								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(13)

City	Perth	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	23	54		2	42	56								
(96)	2	40		5	44	73		5	68	76								
	3	40		1	30	52		1	53	54								
	1	42			13	41			21	43								
	2	42		3	39	69		3	62	70								
	3	42		1	26	52		1	53	54								
	1	44			7	27			7	27								
	2	44		3	29	63		3	51	63								
	3	44		1	25	51		1	50	53								
2070	1	40		3	21	45		3	30	46								
(97)	2	40	3	5	35	68	3	5	65	72								
	3	40	1	4	30	46	1	4	49	52								
	1	42		2	14	30		2	20	32								
	2	42	1	5	28	65	1	5	53	68								
	3	42	1	4	25	43	1	4	45	47								
	1	44			7	22			11	22								
	2	44	1	4	23	57	1	4	46	60								
	3	44		1	22	42		1	40	43								
2070	1	40		1	18	61		1	39	65								
(98)	2	40	1	5	45	82	1	5	86	90								
	3	40		4	38	62		4	72	72								
	1	42		1	13	42		1	17	43								
	2	42	1	2	37	78	1	2	74	82								
	3	42		3	30	62		3	69	70								
	1	44			10	25			11	25								
	2	44		1	32	76		1	57	79								
	3	44		2	25	62		2	65	68								
2070	1	40			23	57			42	62								
(99)	2	40		2	47	79		2	85	91								
	3	40			34	59			76	79								
	1	42			12	43			23	43								
	2	42		1	40	77		1	80	89								
	3	42			28	57			69	74								
	1	44			5	28			5	28								
	2	44		1	35	71		1	68	80								
	3	44			25	54			61	66								
2070	1	40			14	50			35	53								
(00)	2	40		1	36	70		1	69	74								
	3	40			26	52			59	59								
	1	42			10	33			18	34								
	2	42		1	31	67		1	61	71								
	3	42			20	51			56	57								
	1	44			4	18			7	19								
	2	44		1	25	59		1	51	62								
	3	44			19	51			52	55								
2070	1	40			13	42			31	46								
(01)	2	40			32	67			59	68								
	3	40		1	19	44		1	46	48								
	1	42			9	28			17	30								
	2	42			25	61			49	64								
	3	42			17	43			44	47								
	1	44			2	14			3	14								
	2	44			17	56			44	58								
	3	44			13	42			37	45								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(13a)

City	Perth	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			16	42			26	26								
(90)	2	40		4	29	63		4	51	51								
	3	40		2	18	42		2	40	40								
	1	42			9	30			14	11								
	2	42		3	25	60		3	44	44								
	3	42		1	17	37		1	38	38								
	1	44			5	20			4	2								
	2	44		1	20	53		1	39	39								
	3	44		1	14	33		1	32	32								
2070	1	40	2	4	25	61	2	4	32	31								
(91)	2	40	4	13	44	75	4	13	67	67								
	3	40	2	6	34	56	2	6	56	56								
	1	42	2	4	18	47	2	4	21	19								
	2	42	3	11	35	72	3	11	59	59								
	3	42	2	5	30	52	2	5	49	48								
	1	44		3	14	34		3	15	9								
	2	44	2	6	32	69	2	6	48	47								
	3	44	2	4	27	50	2	4	46	45								
2070	1	40		2	20	53		2	30	29								
(92)	2	40		4	41	66		4	60	60								
	3	40		1	22	40		1	37	37								
	1	42			8	40			9	8								
	2	42		4	38	63		4	55	54								
	3	42		1	18	38		1	35	35								
	1	44			5	32			4									
	2	44		2	30	57		2	46	45								
	3	44		1	11	37		1	32	32								
2070	1	40			17	56			29	29								
(93)	2	40		4	39	76		4	59	59								
	3	40		2	26	49		2	47	47								
	1	42			10	47			15	11								
	2	42		4	32	73		4	54	54								
	3	42		1	21	47		1	45	45								
	1	44			5	32			5	2								
	2	44		3	21	65		3	46	46								
	3	44		1	18	45		1	41	41								
2070	1	40		1	26	82		1	39	32								
(94)	2	40	1	5	55	91	1	5	78	78								
	3	40		1	42	71		1	63	63								
	1	42		1	16	65		1	19	14								
	2	42		3	45	86		3	73	73								
	3	42			37	65			62	61								
	1	44			5	40			5	3								
	2	44		1	38	86		1	63	59								
	3	44			26	62			55	54								
2070	1	40		2	22	64		2	35	34								
(95)	2	40	1	10	44	78	1	10	72	72								
	3	40		4	34	53		4	46	46								
	1	42		2	17	48		2	18	12								
	2	42		10	39	72		10	60	59								
	3	42		2	30	49		2	45	45								
	1	44			10	39			11	4								
	2	44		7	30	71		7	51	50								
	3	44		2	28	48		2	41	41								

APPENDIX - 7

(Predicted dangerous days for projected 2070 conditions)

Table - 7(13a)

City	Perth	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		3	27	69		3	42	39								
(96)	2	40	1	12	53	86	1	12	68	68								
	3	40		6	39	58		6	53	53								
	1	42		2	20	58		2	27	17								
	2	42	1	7	44	79	1	7	62	62								
	3	42		3	37	58		3	53	53								
	1	44			11	44			11	4								
	2	44		6	39	76		6	53	51								
	3	44		2	26	57		2	50	50								
2070	1	40		5	22	65		5	31	28								
(97)	2	40	3	9	42	79	3	9	65	65								
	3	40	1	9	34	55	1	9	49	49								
	1	42		4	18	54		4	22	14								
	2	42	3	7	37	75	3	7	54	53								
	3	42	1	8	31	51	1	8	45	45								
	1	44		3	9	35		3	13	9								
	2	44	1	7	28	69	1	7	47	46								
	3	44	1	7	28	50	1	7	40	40								
2070	1	40		2	26	78		2	42	39								
(98)	2	40	1	11	59	93	1	11	86	86								
	3	40	1	7	49	77	1	7	72	72								
	1	42		1	15	64		1	18	14								
	2	42	1	11	48	88	1	11	75	74								
	3	42	1	5	45	74	1	5	69	69								
	1	44		1	11	45		1	11	3								
	2	44	1	8	37	82	1	8	58	55								
	3	44		5	34	72		5	65	65								
2070	1	40		1	31	77		1	44	40								
(99)	2	40		10	51	98		10	86	85								
	3	40		2	38	78		2	76	76								
	1	42			18	63			25	19								
	2	42		5	49	91		5	81	80								
	3	42		2	35	72		2	69	69								
	1	44			10	47			10	1								
	2	44		3	40	85		3	68	68								
	3	44		1	30	67		1	61	61								
2070	1	40		1	20	67		1	36	33								
(00)	2	40		5	47	93		5	69	69								
	3	40		2	36	58		2	59	59								
	1	42			11	54			18	14								
	2	42		4	37	83		4	62	61								
	3	42		1	31	57		1	56	56								
	1	44			5	36			8	5								
	2	44		3	31	75		3	51	51								
	3	44		1	25	53		1	52	52								
2070	1	40			15	61			31	31								
(01)	2	40		4	39	73		4	61	59								
	3	40		3	28	53		3	46	46								
	1	42			10	47			17	13								
	2	42		2	32	69		2	50	49								
	3	42		1	23	50		1	44	44								
	1	44			4	31			5	1								
	2	44		1	25	68		1	46	44								
	3	44		1	18	50		1	37	37								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(14)

City	Perth	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			21	43			43	50								
(90)	2	40		4	39	66		4	70	72								
	3	40		1	25	41		1	56	56								
	1	42			16	32			30	34								
	2	42		2	33	61		2	67	68								
	3	42		1	23	37		1	54	54								
	1	44			9	21			16	22								
	2	44		1	28	54		1	61	63								
	3	44		1	18	33		1	47	48								
2070	1	40	2	4	32	61	2	4	57	65								
(91)	2	40	4	13	54	74	4	13	88	89							2	2
	3	40	2	6	40	54	2	6	69	70							3	3
	1	42	2	4	23	48	2	4	39	51								
	2	42	4	11	46	72	4	11	84	84							1	1
	3	42	2	5	38	52	2	5	63	63							2	2
	1	44	2	2	18	34	2	2	22	35								
	2	44	4	4	41	68	4	4	74	77							1	1
	3	44	2	4	35	50	2	4	61	61								
2070	1	40		2	31	55		2	52	60								
(92)	2	40	1	4	48	66	1	4	75	77								
	3	40		1	27	40		1	49	50								
	1	42			16	42			33	45								
	2	42		4	46	64		4	68	70								
	3	42		1	26	38		1	47	47								
	1	44			9	32			12	31								
	2	44		2	40	57		2	62	64								
	3	44		1	23	37		1	46	47								
2070	1	40			22	56			54	61								
(93)	2	40		4	52	75		4	79	81								
	3	40		1	35	48		1	59	60								
	1	42			16	45			35	49								
	2	42		4	44	74		4	71	76								
	3	42		1	32	47		1	57	58								
	1	44			9	32			19	33								
	2	44		3	37	67		3	66	71								
	3	44		1	28	45		1	51	51								
2070	1	40		1	38	82		1	70	84								
(94)	2	40	1	5	75	93	1	5	91	94								
	3	40			55	71			73	74								
	1	42		1	24	65		1	45	71								
	2	42	1	2	67	90	1	2	88	90								
	3	42			51	67			73	73								
	1	44			14	41			19	39								
	2	44		1	49	87		1	80	87								
	3	44			45	64			70	70								
2070	1	40		2	30	64		2	58	66								
(95)	2	40	2	10	56	77	2	10	89	92								
	3	40		4	40	52		4	61	62								
	1	42		2	21	48		2	38	49								
	2	42	2	10	46	72	2	10	81	82								
	3	42		2	38	49		2	56	57								
	1	44			13	38			17	38								
	2	44		7	42	71		7	74	77								
	3	44		1	34	48		1	50	52								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(14)

City	Perth	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		3	39	69		3	62	70								
(96)	2	40	3	11	61	84	3	11	90	95								
	3	40	1	5	47	58	1	5	68	69								
	1	42		2	25	58		2	45	60								
	2	42	2	7	56	79	2	7	80	85								
	3	42	1	3	45	58	1	3	63	65								
	1	44			17	44			29	45								
	2	44	1	6	47	76	1	6	76	80								
	3	44		2	41	57		2	60	62								
2070	1	40	1	5	28	65	1	5	52	68								
(97)	2	40	4	9	54	77	4	9	91	93							1	1
	3	40	1	9	38	55	1	9	65	65							1	1
	1	42		4	21	53		4	34	53								
	2	42	3	7	47	74	3	7	86	87								
	3	42	1	7	36	51	1	7	62	62							1	1
	1	44		2	17	34		2	22	36								
	2	44	3	6	39	69	3	6	72	76								
	3	44	1	6	35	50	1	6	53	56								
2070	1	40	1	2	37	78	1	2	72	81								
(98)	2	40	1	11	70	93	1	11	104	105								
	3	40	2	6	56	76	2	6	84	85								
	1	42		1	23	64		1	45	68								
	2	42	1	11	63	88	1	11	93	96								
	3	42	1	5	53	74	1	5	81	82								
	1	44		1	14	45		1	20	46								
	2	44	1	6	56	82	1	6	89	93								
	3	44	1	5	50	72	1	5	77	78								
2070	1	40		1	40	77		1	78	87								
(99)	2	40		10	68	96		10	110	110								
	3	40		2	49	75		2	92	93								
	1	42			27	63			51	68								
	2	42		5	58	90		5	102	104								
	3	42		2	45	72		2	90	91								
	1	44			15	47			27	49								
	2	44		3	51	84		3	93	96								
	3	44			39	67			86	87								
2070	1	40		1	31	67		1	61	71								
(00)	2	40		5	58	92		5	93	98								
	3	40		2	49	57		2	68	68								
	1	42			16	52			43	55								
	2	42		4	51	82		4	81	89								
	3	42		1	46	57		1	65	66								
	1	44			10	36			21	38								
	2	44		3	41	75		3	75	80								
	3	44		1	37	53		1	61	62								
2070	1	40			25	61			49	64								
(01)	2	40		4	53	72		4	73	76								
	3	40		3	38	51		3	60	61								
	1	42			14	46			33	51								
	2	42		2	43	69		2	68	73								
	3	42		1	33	50		1	58	59								
	1	44			9	31			20	34								
	2	44		1	35	68		1	64	71								
	3	44		1	28	50		1	53	55								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(14a)

City	Perth	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	23	60		2	43	43								
(90)	2	40		10	45	77		10	70	70								
	3	40		5	30	56		5	56	56								
	1	42			18	44			30	30								
	2	42		8	38	72		8	67	67								
	3	42		4	27	52		4	54	54								
	1	44			12	34			17	15								
	2	44		5	33	67		5	61	61								
	3	44		4	23	44		4	47	47								
2070	1	40	3	11	35	72	3	11	58	57								
(91)	2	40	4	16	60	95	4	16	88	88							2	2
	3	40	2	13	42	67	2	13	69	69							3	3
	1	42	2	4	27	64	2	4	40	39								
	2	42	4	15	54	90	4	15	84	84							1	1
	3	42	2	11	41	64	2	11	63	63							2	2
	1	44	2	4	19	53	2	4	23	22								
	2	44	4	13	46	78	4	13	74	74							1	1
	3	44	2	10	39	61	2	10	61	61								
2070	1	40		4	37	63		4	52	52								
(92)	2	40	1	11	54	73	1	11	75	75								
	3	40		4	29	54		4	49	49								
	1	42		2	24	55		2	34	33								
	2	42	1	6	48	70	1	6	68	68								
	3	42		3	26	47		3	47	47								
	1	44		1	13	43		1	14	11								
	2	44		5	44	69		5	62	62								
	3	44		3	26	44		3	46	46								
2070	1	40		4	32	72		4	54	54								
(93)	2	40		11	56	87		11	79	79								
	3	40		6	37	60		6	59	59								
	1	42			18	61			35	35								
	2	42		8	52	84		8	71	71								
	3	42		4	35	53		4	57	57								
	1	44			12	50			19	15								
	2	44		6	44	81		6	66	66								
	3	44		3	34	52		3	51	51								
2070	1	40		3	44	86		3	70	70								
(94)	2	40	1	17	84	107	1	17	91	91								
	3	40		10	58	80		10	73	73								
	1	42		1	29	84		1	47	42								
	2	42	1	12	75	105	1	12	88	88								
	3	42		6	56	79		6	73	73								
	1	44		1	18	69		1	21	17								
	2	44	1	8	64	92	1	8	80	80								
	3	44		2	53	76		2	70	70								
2070	1	40		10	39	72		10	59	58								
(95)	2	40	2	19	62	98	2	19	89	89								
	3	40		12	41	63		12	61	61								
	1	42		4	24	68		4	38	38								
	2	42	2	15	57	91	2	15	81	81								
	3	42		11	40	59		11	56	56								
	1	44		2	19	56		2	21	15								
	2	44	2	10	46	81	2	10	74	74								
	3	44		7	39	56		7	50	50								

APPENDIX - 7

(Predicted dangerous days for projected 2070 conditions)

Table - 7(14a)

City	Perth	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		7	44	79		7	62	62								
(96)	2	40	3	23	66	101	3	23	90	90								
	3	40	1	12	50	69	1	12	68	68								
	1	42		4	29	72		4	46	45								
	2	42	3	20	61	93	3	20	80	80								
	3	42	1	10	48	65	1	10	63	63								
	1	44		3	21	61		3	32	24								
	2	44	2	13	56	87	2	13	76	76								
	3	44	1	8	47	62	1	8	60	60								
2070	1	40	3	7	35	74	3	7	54	52								
(97)	2	40	5	19	63	96	5	19	91	91							1	1
	3	40	1	14	42	71	1	14	65	65							1	1
	1	42	1	5	23	66	1	5	35	34								
	2	42	4	17	54	87	4	17	86	86								
	3	42	1	13	39	63	1	13	62	62							1	1
	1	44		4	19	54		4	24	17								
	2	44	3	14	47	83	3	14	72	72								
	3	44	1	11	37	60	1	11	53	53								
2070	1	40	1	11	45	88	1	11	74	72								
(98)	2	40	2	17	78	107	2	17	104	104								
	3	40	2	11	62	88	2	11	84	84								
	1	42		3	32	80		3	49	44								
	2	42	1	14	71	104	1	14	93	93								
	3	42	2	11	61	87	2	11	81	81								
	1	44		1	15	70		1	21	18								
	2	44	1	13	63	95	1	13	89	89								
	3	44	1	8	54	84	1	8	77	77								
2070	1	40		5	47	90		5	78	78								
(99)	2	40	1	21	77	112	1	21	110	110								
	3	40		14	54	91		14	92	92								
	1	42		1	35	79		1	53	50								
	2	42		17	69	106		17	102	102								
	3	42		11	52	87		11	90	90								
	1	44			21	68			28	25								
	2	44		11	58	103		11	93	93								
	3	44		7	49	86		7	86	86								
2070	1	40		4	36	82		4	62	61								
(00)	2	40	1	12	65	108	1	12	93	93								
	3	40		10	51	79		10	68	68								
	1	42		1	24	67		1	44	43								
	2	42		10	59	103		10	81	81								
	3	42		7	50	73		7	65	65								
	1	44			11	58			21	18								
	2	44		9	51	96		9	75	75								
	3	44		5	48	67		5	61	61								
2070	1	40		2	32	69		2	50	49								
(01)	2	40		11	60	81		11	73	73								
	3	40		6	42	61		6	60	60								
	1	42			17	65			34	33								
	2	42		9	54	77		9	68	68								
	3	42		6	39	58		6	58	58								
	1	44			11	53			20	17								
	2	44		7	43	76		7	65	64								
	3	44		6	37	57		6	53	53								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(15)

City	Perth	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			22	44			45	51								
(90)	2	40		4	41	67		4	70	72								
	3	40		3	26	43		3	58	58								
	1	42			16	32			31	35								
	2	42		3	35	62		3	67	68								
	3	42		1	25	39		1	54	54								
	1	44			10	23			18	25								
	2	44		2	29	55		2	63	65								
	3	44		1	21	34		1	50	51								
2070	1	40	2	4	34	62	2	4	59	67								
(91)	2	40	4	13	55	75	4	13	91	92							2	2
	3	40	2	9	41	56	2	9	73	73							3	3
	1	42	2	4	24	48	2	4	42	52								
	2	42	4	12	46	72	4	12	84	84							1	1
	3	42	2	5	38	53	2	5	63	63							3	3
	1	44	2	3	18	34	2	3	22	35								
	2	44	4	6	41	69	4	6	76	79							1	1
	3	44	2	4	35	50	2	4	61	61							2	2
2070	1	40		2	32	56		2	54	61								
(92)	2	40	1	4	48	67	1	4	75	77								
	3	40		1	27	40		1	50	51								
	1	42			19	43			37	46								
	2	42		4	46	64		4	70	71								
	3	42		1	26	39		1	48	48								
	1	44			9	35			13	34								
	2	44		4	40	59		4	63	65								
	3	44		1	25	38		1	46	47								
2070	1	40			23	59			57	63								
(93)	2	40		5	53	77		5	81	83								
	3	40		2	35	49		2	62	62								
	1	42			16	47			40	51								
	2	42		4	46	75		4	72	77								
	3	42		1	34	48		1	58	59								
	1	44			9	32			23	33								
	2	44		3	38	67		3	68	72								
	3	44		1	29	45		1	56	56								
2070	1	40		1	38	82		1	73	84								
(94)	2	40	1	5	75	95	1	5	92	95								
	3	40		1	56	71		1	73	74								
	1	42		1	27	67		1	50	73								
	2	42	1	3	69	90	1	3	90	91								
	3	42			53	68			73	73								
	1	44			15	44			20	42								
	2	44	1	1	51	87	1	1	83	87								
	3	44			47	67			71	71								
2070	1	40		4	30	64		4	61	69								
(95)	2	40	2	10	58	80	2	10	89	92								
	3	40		4	40	53		4	61	62								
	1	42		2	22	51		2	41	52								
	2	42	2	10	47	73	2	10	81	82								
	3	42		2	39	49		2	57	58								
	1	44			14	39			19	39								
	2	44		7	42	71		7	75	77								
	3	44		2	34	49		2	50	52								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(15)

City	Perth	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	41	69		4	64	71								
(96)	2	40	3	12	62	86	3	12	92	97								
	3	40	1	7	47	59	1	7	70	72								
	1	42		2	27	58		2	47	61								
	2	42	2	8	57	81	2	8	81	86								
	3	42	1	5	45	58	1	5	65	66								
	1	44		1	19	44		1	31	45								
	2	44	1	6	50	77	1	6	77	81								
	3	44	1	3	41	58	1	3	61	63								
2070	1	40	2	5	29	65	2	5	56	68								
(97)	2	40	4	12	55	80	4	12	92	95							2	2
	3	40	1	9	38	55	1	9	66	66							2	2
	1	42		4	21	54		4	36	54								
	2	42	4	8	51	75	4	8	87	88								
	3	42	1	8	37	52	1	8	62	62							1	1
	1	44		3	17	37		3	23	39								
	2	44	3	7	40	71	3	7	77	80								
	3	44	1	7	35	50	1	7	58	60							1	1
2070	1	40	1	3	41	79	1	3	77	83								
(98)	2	40	1	11	72	93	1	11	104	105								
	3	40	2	7	59	78	2	7	86	87								
	1	42		1	24	65		1	46	70								
	2	42	1	11	63	88	1	11	96	99								
	3	42	1	6	53	75	1	6	82	83								
	1	44		1	14	48		1	23	50								
	2	44	1	10	57	83	1	10	91	95								
	3	44	1	5	51	73	1	5	78	80								
2070	1	40		1	41	77		1	81	90								
(99)	2	40	1	11	70	99	1	11	111	112								
	3	40		3	50	78		3	95	96								
	1	42			27	64			57	73								
	2	42		5	62	92		5	104	104								
	3	42		2	47	72		2	91	92								
	1	44			17	49			30	52								
	2	44		4	51	85		4	94	97								
	3	44		2	41	70		2	88	89								
2070	1	40		1	33	67		1	62	72								
(00)	2	40	1	5	59	94	1	5	95	100								
	3	40		3	50	58		3	70	70								
	1	42			18	54			46	57								
	2	42		4	52	85		4	86	92								
	3	42		1	48	57		1	66	66								
	1	44			10	37			23	39								
	2	44		4	44	75		4	76	81								
	3	44		1	40	57		1	61	63								
2070	1	40			28	64			51	65								
(01)	2	40		7	55	74		7	73	77								
	3	40		3	39	53		3	62	63								
	1	42			15	47			35	51								
	2	42		2	44	69		2	69	73								
	3	42		1	36	50		1	59	60								
	1	44			10	32			20	34								
	2	44		1	38	68		1	64	71								
	3	44		1	30	50		1	54	56								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(15a)

City	Perth	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		3	27	60		3	45	45								
(90)	2	40		11	46	78		11	70	70								
	3	40		6	30	57		6	58	58								
	1	42			19	45			31	31								
	2	42		9	40	72		9	67	67								
	3	42		4	28	53		4	54	54								
	1	44			12	35			18	16								
	2	44		6	34	69		6	63	63								
	3	44		4	24	47		4	50	50								
2070	1	40	4	12	35	72	4	12	59	59								
(91)	2	40	4	17	60	95	4	17	91	91							2	2
	3	40	3	13	42	68	3	13	73	73							3	3
	1	42	2	4	31	65	2	4	44	42								
	2	42	4	15	55	90	4	15	84	84							1	1
	3	42	2	11	42	65	2	11	63	63							3	3
	1	44	2	4	19	55	2	4	23	22								
	2	44	4	14	46	80	4	14	76	76							1	1
	3	44	2	11	39	62	2	11	61	61							2	2
2070	1	40		4	39	63		4	55	54								
(92)	2	40	2	11	55	75	2	11	75	75								
	3	40		6	29	54		6	50	50								
	1	42		2	26	56		2	37	37								
	2	42	1	6	49	71	1	6	70	70								
	3	42		4	27	49		4	48	48								
	1	44		1	14	44		1	16	12								
	2	44		5	44	69		5	63	63								
	3	44		3	26	45		3	46	46								
2070	1	40		4	33	74		4	57	57								
(93)	2	40		14	58	87		14	81	81								
	3	40		6	37	61		6	62	62								
	1	42			19	61			40	40								
	2	42		9	53	84		9	72	72								
	3	42		6	36	55		6	58	58								
	1	44			13	51			23	22								
	2	44		7	46	82		7	68	68								
	3	44		3	35	52		3	56	56								
2070	1	40		3	46	86		3	73	73								
(94)	2	40	1	19	85	107	1	19	92	92								
	3	40		10	59	81		10	73	73								
	1	42		1	31	85		1	51	46								
	2	42	1	14	75	105	1	14	90	90								
	3	42		9	57	79		9	73	73								
	1	44		1	21	69		1	24	18								
	2	44	1	9	66	95	1	9	84	83								
	3	44		4	53	78		4	71	71								
2070	1	40		10	40	73		10	62	61								
(95)	2	40	2	20	64	99	2	20	89	89								
	3	40		13	41	63		13	61	61								
	1	42		5	25	68		5	41	41								
	2	42	2	17	59	94	2	17	81	81								
	3	42		11	41	62		11	57	57								
	1	44		2	19	58		2	21	19								
	2	44	2	11	47	82	2	11	75	75								
	3	44		9	40	58		9	50	50								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(15a)

City	Perth	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	8	44	81	1	8	64	64								
(96)	2	40	3	23	68	102	3	23	92	92								
	3	40	1	13	51	71	1	13	70	70								
	1	42		5	32	73		5	48	47								
	2	42	3	20	62	94	3	20	81	81								
	3	42	1	12	50	66	1	12	65	65								
	1	44		3	23	62		3	33	25								
	2	44	2	13	57	87	2	13	77	77								
	3	44	1	10	47	63	1	10	61	61								
2070	1	40	3	8	39	75	3	8	56	56								
(97)	2	40	5	21	65	97	5	21	92	92							2	2
	3	40	3	15	42	73	3	15	66	66							2	2
	1	42	1	5	25	66	1	5	38	36								
	2	42	4	18	55	89	4	18	87	87								
	3	42	1	14	41	68	1	14	62	62							1	1
	1	44		4	20	55		4	26	18								
	2	44	4	14	51	83	4	14	77	77								
	3	44	1	12	38	60	1	12	58	58							1	1
2070	1	40	1	11	50	88	1	11	77	76								
(98)	2	40	2	18	78	108	2	18	104	104								
	3	40	2	14	62	88	2	14	86	86								
	1	42	1	5	34	81	1	5	50	45								
	2	42	1	15	75	104	1	15	96	96								
	3	42	2	11	61	87	2	11	82	82								
	1	44		1	18	72		1	25	21								
	2	44	1	13	63	96	1	13	91	91								
	3	44	2	10	56	84	2	10	78	78								
2070	1	40		5	50	92		5	82	81								
(99)	2	40	1	23	77	114	1	23	111	111								
	3	40		16	55	92		16	95	95								
	1	42		2	36	79		2	59	56								
	2	42	1	18	70	107	1	18	104	104								
	3	42		13	53	88		13	91	91								
	1	44		1	21	70		1	30	27								
	2	44		12	62	104		12	94	94								
	3	44		11	49	86		11	88	88								
2070	1	40		4	37	85		4	63	62								
(00)	2	40	1	14	66	109	1	14	95	95								
	3	40		11	51	80		11	70	70								
	1	42		1	26	69		1	46	46								
	2	42	1	11	59	105	1	11	86	86								
	3	42		10	50	76		10	66	66								
	1	44		1	12	59		1	23	20								
	2	44		10	52	96		10	76	76								
	3	44		7	48	69		7	61	61								
2070	1	40		2	34	69		2	51	51								
(01)	2	40		12	61	83		12	73	73								
	3	40		7	43	62		7	62	62								
	1	42			18	66			37	35								
	2	42		9	56	80		9	70	69								
	3	42		6	42	59		6	59	59								
	1	44			12	55			21	17								
	2	44		8	44	76		8	65	64								
	3	44		6	38	57		6	54	54								

APPENDIX - 7

(Predicted dangerous days for projected 2070 conditions)

Table - 7(16)

City	Perth	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	14	68	88	2	13	103	105					1	1	7	7
(90)	2	40	25	39	84	104	19	29	123	124	13	13	17	17	30	30	59	59
	3	40	8	21	56	76	16	26	115	115	18	18	20	22	31	32	65	67
	1	42		9	53	77		9	85	85							1	1
	2	42	12	25	79	100	13	24	122	123	6	6	7	7	15	15	41	41
	3	42	7	20	53	73	11	21	103	104	10	10	14	14	21	23	47	47
	1	44		4	39	66		4	70	72								
	2	44	6	19	74	97	5	18	115	117	2	2	2	2	5	5	29	29
	3	44	5	15	45	69	8	16	99	100	6	6	9	9	13	13	37	37
2070	1	40	13	22	74	98	11	21	112	112	1	1	1	1	4	4	14	14
(91)	2	40	22	46	96	112	24	44	131	131	14	14	21	21	29	29	60	62
	3	40	15	34	67	90	20	36	116	116	18	19	22	22	29	32	73	75
	1	42	4	15	66	91	4	15	99	101					1	1	6	6
	2	42	19	35	93	108	16	33	126	126	10	10	12	12	19	19	46	46
	3	42	13	29	65	88	17	30	114	114	12	12	13	14	21	21	58	59
	1	44	4	13	54	74	4	13	88	89							2	2
	2	44	15	31	80	103	16	30	123	123	3	3	6	6	13	13	27	27
	3	44	12	27	62	85	15	26	110	110	10	10	12	12	16	16	39	39
2070	1	40	4	16	66	82	4	16	97	98							5	5
(92)	2	40	25	49	78	102	14	37	134	135	5	5	8	9	21	21	66	66
	3	40	5	23	55	72	10	26	109	109	8	10	13	14	28	29	75	76
	1	42	2	6	60	73	2	6	81	82								
	2	42	10	36	74	95	6	33	126	127	1	1	1	1	8	8	41	41
	3	42	4	17	48	68	5	17	104	104	1	1	5	5	16	16	54	55
	1	44	1	4	48	66	1	4	75	77								
	2	44	6	27	74	87	5	26	119	119					2	2	23	23
	3	44	4	11	46	66	4	11	102	102	1	1	1	1	7	7	29	29
2070	1	40	4	16	77	93	4	16	111	112					1	1	9	9
(93)	2	40	14	37	92	115	16	36	125	126	8	8	13	13	24	25	59	59
	3	40	6	26	60	89	12	28	115	116	9	11	13	15	25	28	70	74
	1	42		9	63	84		9	95	97							1	1
	2	42	11	33	90	109	11	32	120	121	3	3	7	7	11	11	38	38
	3	42	4	20	54	86	8	20	110	110	5	5	8	8	17	18	50	50
	1	44		4	52	75		4	79	81								
	2	44	8	22	85	104	7	21	116	117	2	2	2	2	5	5	26	26
	3	44	3	18	53	84	5	16	101	102	1	1	3	3	6	6	36	36
2070	1	40	4	23	92	113	3	23	120	124							11	11
(94)	2	40	32	62	110	125	23	50	150	150	10	10	13	13	27	28	68	71
	3	40	15	45	79	102	16	43	131	131	11	15	18	18	27	30	70	79
	1	42	2	13	89	106	1	13	103	109							2	2
	2	42	23	52	108	124	15	41	146	146	3	3	7	7	14	14	46	47
	3	42	11	38	79	99	11	34	122	123	2	2	6	8	18	18	50	52
	1	44	1	5	75	93	1	5	91	94								
	2	44	10	35	98	118	8	33	134	137			1	1	5	5	29	29
	3	44	4	29	77	94	5	27	112	112					11	11	33	33
2070	1	40	10	22	72	108	10	22	116	119			1	1	1	1	11	11
(95)	2	40	19	44	98	125	20	44	142	143	11	11	13	13	27	28	63	63
	3	40	12	34	63	98	18	34	126	126	13	14	15	18	24	29	63	66
	1	42	4	17	68	94	4	17	104	106							2	2
	2	42	15	39	91	120	16	39	135	136	7	7	10	10	13	13	43	43
	3	42	11	30	59	89	15	30	117	117	8	8	10	10	15	17	51	52
	1	44	2	10	56	77	2	10	89	92								
	2	44	10	30	81	115	13	30	128	131	1	1	2	2	11	11	27	27
	3	44	7	28	56	87	10	28	116	116	2	2	7	7	12	12	38	39

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(16)

City	Perth	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	7	27	79	105	7	27	123	124							13	13
(96)	2	40	24	53	101	129	29	52	144	146	11	11	16	16	33	35	62	63
	3	40	12	40	68	98	17	41	126	126	6	9	13	18	30	36	66	70
	1	42	4	20	72	94	4	20	106	107							2	2
	2	42	20	44	93	119	23	45	141	142	4	4	6	6	17	17	52	52
	3	42	10	35	65	96	11	35	121	121	1	2	4	5	16	20	51	52
	1	44	3	11	61	84	3	11	90	95								
	2	44	13	40	87	112	13	40	133	133			2	2	7	7	36	36
	3	44	8	27	63	92	8	27	116	117				1	5	5	42	42
2070	1	40	7	22	75	101	7	22	118	120			1	1	5	5	12	12
(97)	2	40	19	41	96	116	23	41	139	139	12	12	14	14	20	25	59	60
	3	40	14	34	70	96	22	34	131	132	15	16	17	23	29	32	70	76
	1	42	5	18	66	90	5	18	104	104							4	4
	2	42	17	37	87	113	20	38	137	137	9	9	11	11	14	14	36	36
	3	42	13	31	63	93	21	32	122	123	11	11	12	12	17	22	49	51
	1	44	4	9	54	77	4	9	91	93							1	1
	2	44	14	28	83	108	16	28	130	130	4	4	8	8	12	12	24	24
	3	44	11	29	60	92	17	30	118	118	10	10	10	10	15	15	38	38
2070	1	40	11	27	88	120	11	27	130	131							12	12
(98)	2	40	18	58	107	137	19	57	149	150	11	12	14	16	28	29	74	78
	3	40	11	49	88	114	18	50	133	133	12	13	17	18	32	37	88	93
	1	42	3	15	80	106	3	15	118	121							2	2
	2	42	15	49	104	133	15	48	144	146	1	1	4	4	16	16	48	48
	3	42	11	45	87	110	14	45	129	129	6	7	9	10	20	20	65	73
	1	44	1	11	70	93	1	11	104	105								
	2	44	13	37	95	130	13	37	135	138			1	1	8	8	34	34
	3	44	8	34	84	108	10	35	125	125	1	2	5	5	13	13	44	47
2070	1	40	5	31	92	120	5	31	133	134							15	15
(99)	2	40	21	51	113	140	29	54	158	159	9	9	21	21	39	39	88	89
	3	40	14	38	91	122	24	40	146	146	18	21	29	32	46	50	94	99
	1	42	1	18	79	108	1	18	121	123								
	2	42	17	49	107	137	20	49	149	149	3	3	5	5	20	20	60	60
	3	42	11	35	87	116	20	38	142	142	8	8	13	13	33	35	82	83
	1	44		10	68	96		10	110	110								
	2	44	11	41	104	132	11	41	145	146					4	4	38	38
	3	44	7	30	86	113	10	30	137	137	2	2	6	6	16	16	62	62
2070	1	40	4	20	83	117	4	20	127	128			1	1	3	3	13	13
(00)	2	40	12	46	108	134	22	48	149	152	12	12	15	15	25	25	59	59
	3	40	10	36	78	110	19	38	136	138	13	13	19	21	31	34	67	70
	1	42	1	11	67	105	1	11	113	114							3	3
	2	42	10	37	103	131	15	37	142	147	5	5	10	10	16	16	47	47
	3	42	7	30	73	105	12	33	129	130	10	10	11	11	20	22	53	56
	1	44		5	58	92		5	93	98								
	2	44	9	31	96	122	12	31	139	141	3	3	4	4	9	9	26	26
	3	44	5	25	68	101	10	27	121	121	5	5	10	10	13	13	40	40
2070	1	40	2	14	69	94	2	14	99	105							7	7
(01)	2	40	12	39	81	111	19	40	125	126	7	7	12	12	24	24	50	51
	3	40	6	28	61	87	17	33	110	110	14	17	19	21	28	29	52	61
	1	42		9	65	80		9	85	88								
	2	42	10	33	77	106	11	32	120	121	3	3	3	3	12	12	36	36
	3	42	6	22	58	85	11	24	106	107	7	7	13	15	20	21	44	45
	1	44		4	53	72		4	73	76								
	2	44	8	25	76	98	8	24	113	114			1	1	3	3	28	28
	3	44	6	18	57	82	10	19	99	100	3	3	4	4	13	14	34	35

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(16a)

City	Perth	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	5	22	70	98	4	21	103	103					1	1	7	7
(90)	2	40	28	56	89	118	19	49	123	123	13	32	17	38	30	62	59	59
	3	40	10	41	60	97	18	44	115	115	18	42	20	58	31	83	65	65
	1	42	1	16	61	90	1	16	85	85							1	1
	2	42	14	38	83	115	15	37	122	122	6	17	7	21	15	33	41	41
	3	42	9	36	57	92	13	35	103	103	10	28	14	36	21	57	47	47
	1	44		10	44	77		10	70	70								
	2	44	9	30	79	111	8	29	115	115	2	3	2	5	5	15	29	29
	3	44	5	26	53	85	8	26	99	99	6	17	9	23	13	37	37	37
2070	1	40	14	34	77	107	13	33	112	112	1	3	1	3	4	7	14	14
(91)	2	40	26	66	97	125	25	64	131	131	14	42	21	49	29	75	60	60
	3	40	18	50	70	106	21	52	116	116	18	55	22	68	29	98	73	73
	1	42	5	27	70	99	5	27	99	99					1	2	6	6
	2	42	20	56	96	121	17	55	126	126	10	22	12	30	19	45	46	46
	3	42	15	46	68	103	18	47	114	114	12	37	13	45	21	68	58	58
	1	44	4	16	60	95	4	16	88	88							2	2
	2	44	17	45	91	115	16	45	123	123	3	10	6	14	13	22	27	27
	3	44	13	41	66	100	15	41	110	110	10	23	12	31	16	44	39	39
2070	1	40	4	33	69	94	4	33	97	97							5	5
(92)	2	40	28	65	85	118	17	57	134	134	5	38	8	42	21	62	66	66
	3	40	7	40	56	88	11	41	109	109	8	43	13	51	28	77	75	75
	1	42	2	20	61	83	2	20	81	81								
	2	42	15	46	77	111	11	44	126	126	1	15	1	21	8	39	41	41
	3	42	7	35	55	82	8	33	104	104	1	25	5	31	16	48	54	54
	1	44	1	11	53	73	1	11	75	75								
	2	44	7	40	74	106	6	39	119	119		3		3	2	14	23	23
	3	44	5	26	52	75	5	27	102	102	1	13	1	18	7	32	29	29
2070	1	40	4	32	78	108	4	32	111	111					1	3	9	9
(93)	2	40	18	64	94	125	19	63	125	125	8	34	13	47	24	68	59	59
	3	40	9	45	66	111	13	46	115	115	9	50	13	61	25	94	70	70
	1	42	3	17	67	95	3	17	95	95							1	1
	2	42	15	52	92	120	13	51	120	120	3	17	7	22	11	36	38	38
	3	42	6	39	61	107	9	39	110	110	5	30	8	41	17	63	50	50
	1	44		11	56	87		11	79	79								
	2	44	10	43	88	118	9	43	116	116	2	5	2	6	5	17	26	26
	3	44	6	35	56	101	7	35	101	101	1	13	3	21	6	41	36	36
2070	1	40	6	41	96	123	5	41	120	120						3	11	11
(94)	2	40	37	94	112	138	27	85	150	150	10	51	13	68	27	89	68	68
	3	40	17	69	84	122	18	69	131	131	11	68	18	77	27	107	70	70
	1	42	2	27	91	113	1	27	103	103							2	2
	2	42	29	75	110	134	20	68	146	146	3	28	7	35	14	53	46	46
	3	42	15	63	81	115	13	61	122	122	2	45	6	59	18	76	50	50
	1	44	1	17	84	107	1	17	91	91								
	2	44	14	63	108	130	12	62	134	134		4	1	5	5	26	29	29
	3	44	11	57	79	108	10	55	112	112		24		33	11	59	33	33
2070	1	40	10	39	78	120	10	39	116	116			1	1	1	2	11	11
(95)	2	40	22	66	105	135	23	66	142	142	11	39	13	47	27	74	63	63
	3	40	15	48	68	116	20	48	126	126	13	51	15	64	24	110	63	63
	1	42	7	25	71	111	7	25	104	104							2	2
	2	42	19	58	98	130	19	58	135	135	7	19	10	21	13	43	43	43
	3	42	13	43	64	114	16	43	117	117	8	34	10	41	15	64	51	51
	1	44	2	19	62	98	2	19	89	89								
	2	44	15	47	91	127	15	47	128	128	1	6	2	10	11	19	27	27
	3	44	11	40	62	110	14	40	116	116	2	25	7	29	12	41	38	38

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(16a)

City	Perth	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	12	44	86	119	12	44	123	123				1		3	13	13
(96)	2	40	27	70	104	142	31	69	144	144	11	50	16	60	33	83	62	62
	3	40	18	57	73	118	21	58	126	126	6	61	13	73	30	111	66	66
	1	42	6	31	76	107	6	31	106	106							2	2
	2	42	23	62	101	135	26	62	141	141	4	27	6	34	17	50	52	52
	3	42	13	52	71	114	15	52	121	121	1	42	4	53	16	73	51	51
	1	44	3	23	66	101	3	23	90	90								
	2	44	20	57	93	133	20	57	133	133		9	2	14	7	25	36	36
	3	44	12	47	67	110	12	47	116	116		25		32	5	53	42	42
2070	1	40	9	37	79	113	9	37	118	118		1	1	3	5	7	12	12
(97)	2	40	21	66	100	133	24	66	139	139	12	39	14	52	20	75	59	59
	3	40	16	51	75	117	23	51	131	131	15	52	17	67	29	110	70	70
	1	42	6	24	69	105	6	24	104	104							4	4
	2	42	20	55	96	129	23	55	137	137	9	21	11	27	14	41	36	36
	3	42	15	44	73	115	21	44	122	122	11	35	12	42	17	69	49	49
	1	44	5	19	63	96	5	19	91	91							1	1
	2	44	17	49	87	121	18	49	130	130	4	9	8	18	12	22	24	24
	3	44	14	41	68	112	19	41	118	118	10	25	10	31	15	43	38	38
2070	1	40	11	48	93	133	11	48	130	130				1		4	12	12
(98)	2	40	25	80	116	140	26	79	149	149	11	57	14	66	28	88	74	74
	3	40	17	70	91	121	23	71	133	133	12	75	17	89	32	118	88	88
	1	42	7	33	82	124	7	33	118	118							2	2
	2	42	19	74	107	138	18	73	144	144	1	20	4	31	16	59	48	48
	3	42	14	62	88	117	16	62	129	129	6	51	9	63	20	89	65	65
	1	44	2	17	78	107	2	17	104	104								
	2	44	14	63	104	137	14	63	135	135		9	1	14	8	20	34	34
	3	44	11	60	87	115	13	60	125	125	1	30	5	43	13	63	44	44
2070	1	40	10	50	99	137	10	50	133	133							15	15
(99)	2	40	27	78	120	157	33	80	158	158	9	52	21	69	39	98	88	88
	3	40	18	67	95	138	25	68	146	146	18	78	29	95	46	132	94	94
	1	42	3	36	85	124	3	36	121	121								
	2	42	21	70	114	153	23	70	149	149	3	25	5	37	20	55	60	60
	3	42	16	57	92	136	23	59	142	142	8	43	13	60	33	95	82	82
	1	44	1	21	77	112	1	21	110	110								
	2	44	17	60	107	146	17	60	145	145		5		11	4	24	38	38
	3	44	13	52	88	132	15	52	137	137	2	28	6	36	16	62	62	62
2070	1	40	5	37	93	131	5	37	127	127			1	1	3	4	13	13
(00)	2	40	17	67	114	147	26	69	149	149	12	43	15	54	25	82	59	59
	3	40	14	53	87	129	22	54	136	136	13	60	19	75	31	117	67	67
	1	42	3	25	75	118	3	25	113	113							3	3
	2	42	12	59	108	142	16	59	142	142	5	20	10	29	16	45	47	47
	3	42	11	51	80	124	16	52	129	129	10	39	11	53	20	77	53	53
	1	44	1	12	65	108	1	12	93	93								
	2	44	10	52	103	138	13	52	139	139	3	4	4	8	9	18	26	26
	3	44	10	49	76	121	14	50	121	121	5	20	10	32	13	53	40	40
2070	1	40	4	32	73	106	4	32	99	99							7	7
(01)	2	40	15	66	89	128	19	66	125	125	7	37	12	47	24	70	50	50
	3	40	7	50	65	106	18	51	110	110	14	55	19	63	28	97	52	52
	1	42	1	16	68	96	1	16	85	85								
	2	42	12	55	81	124	12	54	120	120	3	13	3	21	12	37	36	36
	3	42	7	43	62	103	12	43	106	106	7	33	13	46	20	63	44	44
	1	44		11	60	81		11	73	73								
	2	44	10	44	77	116	9	43	113	113		3	1	6	3	12	28	28
	3	44	6	40	59	101	10	40	99	99	3	16	4	24	13	44	34	34

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(17)

City	Perth	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			13	27			23	30								
(90)	2	40			23	44			48	51								
	3	40			14	30			38	39								
	1	42			5	17			10	18								
	2	42			19	39			41	45								
	3	42			13	28			34	35								
	1	44			3	14			2	13								
	2	44			16	35			32	39								
	3	44			8	26			32	34								
2070	1	40	2	4	19	42	2	4	27	43								
(91)	2	40	2	4	35	62	2	4	62	68								
	3	40	2	3	24	45	2	3	50	51								
	1	42		2	16	31		2	17	30								
	2	42	2	4	32	60	2	4	55	63								
	3	42	1	2	19	42	1	2	46	47								
	1	44		2	8	19		2	9	18								
	2	44	2	4	25	54	2	4	44	57								
	3	44	1	2	19	42	1	2	42	45								
2070	1	40			14	39			22	38								
(92)	2	40		2	32	56		2	56	61								
	3	40			11	30			35	36								
	1	42			7	27			6	26								
	2	42		1	28	51		1	49	57								
	3	42			10	28			33	34								
	1	44			4	12			4	12								
	2	44			21	45			42	50								
	3	44			9	26			28	30								
2070	1	40			12	36			26	38								
(93)	2	40			27	62			58	65								
	3	40			18	39			45	46								
	1	42			6	20			11	22								
	2	42			21	54			49	57								
	3	42			13	37			41	42								
	1	44			4	16			3	15								
	2	44			17	50			44	55								
	3	44			11	36			36	41								
2070	1	40			19	51			30	52								
(94)	2	40		1	42	83		1	76	85								
	3	40			26	58			63	63								
	1	42			8	35			11	33								
	2	42		1	34	79		1	67	82								
	3	42			24	57			56	62								
	1	44			2	21			3	21								
	2	44		1	29	70		1	53	76								
	3	44			21	55			49	59								
2070	1	40			19	43			28	44								
(95)	2	40		2	33	64		2	65	71								
	3	40			28	42			45	46								
	1	42			10	29			15	29								
	2	42		2	29	62		2	56	65								
	3	42			23	41			42	44								
	1	44			7	20			7	20								
	2	44		2	22	56		2	45	57								
	3	44			23	41			40	42								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(17)

City	Perth	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	22	50		1	39	52								
(96)	2	40		3	41	72		3	65	74								
	3	40		1	26	52		1	53	54								
	1	42			12	38			17	40								
	2	42		3	34	66		3	56	67								
	3	42		1	25	51		1	51	53								
	1	44			6	24			6	24								
	2	44		2	27	61		2	49	62								
	3	44		1	21	49		1	47	52								
2070	1	40		3	19	41		3	26	41								
(97)	2	40	1	5	30	66	1	5	60	70								
	3	40	1	3	27	43	1	3	45	47								
	1	42		1	13	27		1	17	29								
	2	42	1	4	26	62	1	4	51	66								
	3	42		1	22	42		1	41	43								
	1	44			7	21			8	21								
	2	44		4	22	54		4	41	56								
	3	44		1	20	41		1	38	42								
2070	1	40		1	17	57		1	34	59								
(98)	2	40	1	2	43	80	1	2	80	84								
	3	40		2	34	62		2	70	70								
	1	42		1	12	37		1	14	37								
	2	42		1	35	77		1	67	80								
	3	42		2	27	62		2	67	70								
	1	44			10	22			11	22								
	2	44		1	28	70		1	56	76								
	3	44		2	22	61		2	55	66								
2070	1	40			21	51			35	54								
(99)	2	40		1	45	78		1	83	91								
	3	40			30	57			69	74								
	1	42			11	39			17	40								
	2	42		1	37	77		1	72	84								
	3	42			25	55			62	67								
	1	44			4	27			4	27								
	2	44			32	68			61	77								
	3	44			22	52			54	61								
2070	1	40			12	44			26	44								
(00)	2	40		1	33	67		1	64	72								
	3	40			24	51			57	57								
	1	42			8	30			15	31								
	2	42		1	27	65		1	60	68								
	3	42			19	51			52	55								
	1	44			4	16			6	16								
	2	44			21	58			47	60								
	3	44			15	50			46	51								
2070	1	40			12	39			30	44								
(01)	2	40			29	65			53	66								
	3	40			18	44			44	47								
	1	42			7	23			13	25								
	2	42			19	59			49	62								
	3	42			14	42			42	46								
	1	44			1	13			1	13								
	2	44			15	53			37	56								
	3	44			11	41			35	42								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(17a)

City	Perth	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			16	39			23	23								
(90)	2	40		2	27	60		2	48	48								
	3	40		1	17	37		1	38	38								
	1	42			9	29			13	8								
	2	42		1	21	55		1	41	41								
	3	42		1	15	33		1	34	34								
	1	44			4	19			3	2								
	2	44			19	48			32	32								
	3	44		1	14	31		1	32	32								
2070	1	40	2	4	22	60	2	4	28	27								
(91)	2	40	3	11	41	72	3	11	62	62								
	3	40	2	5	30	53	2	5	50	50								
	1	42	2	4	18	45	2	4	17	15								
	2	42	2	6	35	71	2	6	56	54								
	3	42	2	3	29	50	2	3	46	46								
	1	44		2	14	34		2	13	6								
	2	44	2	4	32	67	2	4	46	44								
	3	44	1	3	22	50	1	3	43	42								
2070	1	40		1	16	49		1	22	22								
(92)	2	40		4	40	64		4	56	56								
	3	40		1	18	39		1	35	35								
	1	42			8	40			8	5								
	2	42		2	32	60		2	49	49								
	3	42			14	38			33	33								
	1	44			4	27			4									
	2	44		2	27	56		2	42	42								
	3	44			9	35			28	28								
2070	1	40			16	54			26	25								
(93)	2	40		4	37	74		4	58	58								
	3	40		1	24	48		1	45	45								
	1	42			9	42			13	9								
	2	42		3	27	68		3	49	49								
	3	42		1	18	45		1	41	41								
	1	44			5	25			4	1								
	2	44			20	63			44	44								
	3	44			15	42			36	36								
2070	1	40		1	24	79		1	32	26								
(94)	2	40		3	47	87		3	76	76								
	3	40			37	67			63	63								
	1	42		1	13	59		1	14	9								
	2	42		1	41	86		1	67	67								
	3	42			31	63			57	55								
	1	44			4	37			5	2								
	2	44		1	34	85		1	54	52								
	3	44			24	62			50	49								
2070	1	40		2	21	62		2	30	26								
(95)	2	40		10	42	75		10	65	65								
	3	40		2	30	50		2	45	45								
	1	42		1	13	46		1	15	11								
	2	42		7	37	71		7	56	56								
	3	42		1	28	49		1	42	42								
	1	44			10	33			10	2								
	2	44		4	29	71		4	46	45								
	3	44			26	47			40	40								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(17a)

City	Perth	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		3	25	66		3	39	36								
(96)	2	40		7	48	82		7	65	65								
	3	40		3	37	58		3	53	53								
	1	42		1	17	56		1	21	13								
	2	42		6	42	78		6	58	56								
	3	42		1	30	58		1	51	51								
	1	44			8	41			8	2								
	2	44		4	34	75		4	49	49								
	3	44		1	25	55		1	47	47								
2070	1	40		4	21	62		4	27	24								
(97)	2	40	3	7	40	76	3	7	60	60								
	3	40	1	7	31	52	1	7	45	45								
	1	42		3	17	47		3	20	12								
	2	42	1	7	30	73	1	7	51	51								
	3	42	1	6	30	50	1	6	41	41								
	1	44		1	8	30		1	9	5								
	2	44	1	5	26	69	1	5	41	41								
	3	44		4	23	49		4	38	38								
2070	1	40		1	23	77		1	37	33								
(98)	2	40	1	11	57	89	1	11	80	80								
	3	40		5	45	75		5	70	70								
	1	42		1	14	63		1	15	11								
	2	42	1	8	44	85	1	8	70	67								
	3	42		5	38	73		5	67	67								
	1	44		1	11	43		1	11	1								
	2	44		3	35	82		3	57	55								
	3	44		4	28	67		4	57	54								
2070	1	40		1	27	77		1	37	34								
(99)	2	40		5	51	93		5	84	83								
	3	40		2	36	73		2	69	69								
	1	42			16	58			19	12								
	2	42		3	46	88		3	73	72								
	3	42			34	69			62	62								
	1	44			5	45			5									
	2	44		1	37	80		1	61	60								
	3	44			28	64			54	54								
2070	1	40		1	16	65		1	27	25								
(00)	2	40		4	43	86		4	65	64								
	3	40		1	33	57		1	57	57								
	1	42			10	51			17	13								
	2	42		3	34	80		3	60	60								
	3	42		1	26	55		1	52	52								
	1	44			4	33			6	3								
	2	44		1	26	71		1	47	47								
	3	44		1	20	53		1	46	46								
2070	1	40			14	59			30	28								
(01)	2	40		2	35	69		2	53	53								
	3	40		1	23	51		1	44	44								
	1	42			9	42			14	9								
	2	42		1	30	69		1	50	49								
	3	42		1	19	50		1	42	42								
	1	44			2	28			2									
	2	44			19	68			40	37								
	3	44		1	17	49		1	36	35								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(18)

City	Perth	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	29	57		2	64	65								
(90)	2	40		8	51	76		8	83	84							1	1
	3	40	1	4	33	52	1	4	63	63							1	1
	1	42			20	43			43	49								
	2	42		6	45	71		6	76	79							1	1
	3	42		4	30	45		4	61	61								
	1	44			16	32			30	34								
	2	44		4	39	66		4	70	72								
	3	44		3	28	45		3	58	58								
2070	1	40	4	6	43	71	4	6	76	79							1	1
(91)	2	40	4	15	65	91	4	15	97	99					1	1	5	5
	3	40	3	11	46	65	3	11	78	79					2	2	7	7
	1	42	2	4	32	60	2	4	57	64								
	2	42	4	14	61	84	4	14	94	94							4	4
	3	42	3	10	42	62	3	10	73	73							4	4
	1	44	2	4	22	46	2	4	38	49								
	2	44	4	13	54	74	4	13	88	89							2	2
	3	44	2	9	42	59	2	9	73	73							3	3
2070	1	40		4	41	59		4	63	65								
(92)	2	40	2	6	60	73	2	6	81	82								
	3	40		3	32	47		3	63	63								
	1	42		2	31	53		2	52	60								
	2	42	1	5	54	71	1	5	77	78								
	3	42		3	30	44		3	57	58								
	1	44			16	42			31	44								
	2	44	1	4	48	66	1	4	75	77								
	3	44		2	28	42		2	52	54								
2070	1	40		3	38	68		3	68	72								
(93)	2	40		9	63	84		9	95	97							1	1
	3	40		4	40	53		4	73	73								
	1	42			21	56			54	61								
	2	42		7	56	82		7	84	89								
	3	42		3	37	52		3	68	68								
	1	44			16	44			33	48								
	2	44		4	52	75		4	79	81								
	3	44		3	36	49		3	62	62								
2070	1	40	1	1	56	87	1	1	83	87								
(94)	2	40	1	13	89	106	1	13	101	109							1	1
	3	40		7	61	79		6	80	83								
	1	42		1	38	81		1	70	83								
	2	42	1	9	84	99	1	9	96	102								
	3	42		3	59	76		2	76	78								
	1	44		1	24	63		1	42	67								
	2	44	1	5	75	93	1	5	91	94								
	3	44		1	57	74		1	73	75								
2070	1	40		7	43	71		7	77	78								
(95)	2	40	4	17	65	92	4	17	102	103							2	2
	3	40		11	42	59		11	78	79								
	1	42		2	29	64		2	58	66								
	2	42	2	11	62	85	2	11	94	97							1	1
	3	42		7	41	56		7	70	72								
	1	44		2	20	47		2	36	48								
	2	44	2	10	56	77	2	10	89	92								
	3	44		5	41	54		5	64	65								

APPENDIX - 7

(Predicted dangerous days for projected 2070 conditions)

Table - 7(18)

City	Perth	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	6	50	78	1	6	77	82								
(96)	2	40	4	20	72	94	4	20	105	107							2	2
	3	40	1	10	52	65	1	10	78	78								
	1	42		3	38	68		3	62	70								
	2	42	3	13	66	87	3	13	97	100								
	3	42	1	8	51	62	1	8	75	75								
	1	44		2	24	57		2	45	59								
	2	44	3	11	61	84	3	11	90	95								
	3	44	1	7	50	59	1	7	73	74								
2070	1	40	3	7	41	73	3	7	80	82								
(97)	2	40	5	17	66	89	5	17	103	104							4	4
	3	40	4	13	43	63	4	13	81	83					1	1	5	5
	1	42	1	5	27	65	1	5	52	68								
	2	42	5	14	63	84	5	14	97	100							3	3
	3	42	1	11	42	60	1	11	76	77							5	5
	1	44		4	21	51		4	34	52								
	2	44	4	9	54	77	4	9	91	93							1	1
	3	44	1	10	41	56	1	10	68	68							3	3
2070	1	40	1	10	57	84	1	10	91	95								
(98)	2	40	3	15	80	104	3	15	117	120							1	1
	3	40	3	11	62	87	3	11	102	102							1	1
	1	42	1	2	37	78	1	2	72	81								
	2	42	2	13	78	96	2	13	110	111								
	3	42	2	8	62	84	2	8	94	95							1	1
	1	44		1	22	63		1	42	67								
	2	44	1	11	70	93	1	11	104	105								
	3	44	2	8	61	80	2	8	89	90								
2070	1	40		4	51	87		4	94	98								
(99)	2	40	1	18	79	107	1	18	120	122								
	3	40		11	57	87		11	104	104								
	1	42		1	39	77		1	78	87								
	2	42	1	12	77	105	1	12	113	115								
	3	42		7	55	86		7	98	98								
	1	44			27	62			47	66								
	2	44		10	68	96		10	110	110								
	3	44		3	53	82		3	95	96								
2070	1	40		4	44	77		4	77	83								
(00)	2	40	1	10	67	104	1	10	111	112							3	3
	3	40		7	51	73		7	91	91							2	2
	1	42		1	30	66		1	61	70								
	2	42	1	10	65	97	1	10	103	106							1	1
	3	42		5	51	67		5	80	81							2	2
	1	44			16	52			40	55								
	2	44		5	58	92		5	93	98								
	3	44		3	50	62		3	73	73								
2070	1	40		1	39	68		1	65	71								
(01)	2	40		9	65	80		9	83	87								
	3	40	1	6	44	58	1	6	70	70								
	1	42			24	61			49	64								
	2	42		8	60	76		8	79	83								
	3	42		6	43	57		6	67	68								
	1	44			14	44			31	48								
	2	44		4	53	72		4	73	76								
	3	44		3	42	54		3	62	63								

APPENDIX - 7
(Predicted dangerous days for projected 2070 conditions)

Table - 7(18a)

City	Perth	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		6	34	69		6	64	64								
(90)	2	40	1	15	61	90	1	15	83	83							1	1
	3	40	1	7	33	66	1	7	63	63							1	1
	1	42		2	23	60		2	43	43								
	2	42		13	49	84		13	76	76							1	1
	3	42	1	7	32	60	1	7	61	61								
	1	44			18	43			30	30								
	2	44		10	44	77		10	70	70								
	3	44		6	31	58		6	58	58								
2070	1	40	4	14	48	84	4	14	76	76							1	1
(91)	2	40	4	26	70	99	4	26	97	97					1	2	5	5
	3	40	3	15	49	80	3	15	78	78				2	2	3	7	7
	1	42	2	10	35	72	2	10	58	57								
	2	42	4	20	65	96	4	20	94	94							4	4
	3	42	3	15	47	76	3	15	73	73						2	4	4
	1	44	2	4	26	63	2	4	39	38								
	2	44	4	16	60	95	4	16	88	88							2	2
	3	44	3	15	43	68	3	15	73	73							3	3
2070	1	40		5	44	69		5	63	63								
(92)	2	40	2	20	61	83	2	20	81	81								
	3	40		7	36	58		7	63	63								
	1	42		4	37	63		4	52	52								
	2	42	2	14	59	80	2	14	77	77								
	3	42		6	36	55		6	57	57								
	1	44		2	21	55		2	32	31								
	2	44	1	11	53	73	1	11	75	75								
	3	44		6	31	54		6	52	52								
2070	1	40		7	47	82		7	68	68								
(93)	2	40	3	17	67	95	3	17	95	95							1	1
	3	40		10	42	70		10	73	73								
	1	42		4	32	72		4	54	54								
	2	42		15	63	89		15	84	84								
	3	42		8	40	66		8	68	68								
	1	44			17	61			33	33								
	2	44		11	56	87		11	79	79								
	3	44		7	38	61		7	62	62								
2070	1	40	1	9	68	96	1	9	84	83								
(94)	2	40	1	27	91	113	1	27	101	101							1	1
	3	40		16	64	86		16	80	80								
	1	42		2	44	86		2	70	70								
	2	42	1	22	88	109	1	22	96	96								
	3	42		14	62	84		13	76	76								
	1	44		1	27	84		1	43	39								
	2	44	1	17	84	107	1	17	91	91								
	3	44		10	60	82		10	73	73								
2070	1	40	2	11	48	85	2	11	77	77								
(95)	2	40	7	25	71	111	7	25	102	102							2	2
	3	40	1	21	47	73	1	21	78	78								
	1	42		10	39	72		10	59	58								
	2	42	4	22	68	105	4	22	94	94							1	1
	3	42		16	43	69		16	70	70								
	1	44		4	22	65		4	36	36								
	2	44	2	19	62	98	2	19	89	89								
	3	44		13	41	65		13	64	64								

APPENDIX - 7

(Predicted dangerous days for projected 2070 conditions)

Table - 7(18a)

City	Perth	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	13	58	87	2	13	77	77								
(96)	2	40	6	30	76	107	6	30	105	105							2	2
	3	40	1	21	55	76	1	21	78	78								
	1	42		7	44	79		7	62	62								
	2	42	4	26	72	104	4	26	97	97								
	3	42	1	19	52	75	1	19	75	75								
	1	44		4	28	72		4	46	45								
	2	44	3	23	66	101	3	23	90	90								
	3	44	1	15	52	71	1	15	73	73								
2070	1	40	4	14	53	84	4	14	80	80								
(97)	2	40	6	24	69	105	6	24	103	103							4	4
	3	40	5	20	48	85	5	20	81	81					1	1	5	5
	1	42	2	7	35	74	2	7	54	52								
	2	42	5	21	66	100	5	21	97	97							3	3
	3	42	4	17	46	77	4	17	76	76							5	5
	1	44	1	5	22	66	1	5	34	34								
	2	44	5	19	63	96	5	19	91	91							1	1
	3	44	4	15	43	73	4	15	68	68							3	3
2070	1	40	1	13	64	96	1	13	91	91								
(98)	2	40	6	33	82	124	6	33	117	117							1	1
	3	40	4	21	67	100	4	21	102	102							1	1
	1	42	1	11	45	88	1	11	74	72								
	2	42	3	24	80	115	3	24	110	110								
	3	42	4	18	62	92	4	18	94	94							1	1
	1	44		3	31	80		3	46	42								
	2	44	2	17	78	107	2	17	104	104								
	3	44	2	15	62	89	2	15	89	89								
2070	1	40		12	63	105		12	95	94								
(99)	2	40	3	36	85	123	3	36	120	120								
	3	40		21	62	101		21	104	104								
	1	42		5	47	90		5	78	78								
	2	42	1	27	79	119	1	27	113	113								
	3	42		18	59	96		18	98	98								
	1	44		1	34	79		1	49	45								
	2	44	1	21	77	112	1	21	110	110								
	3	44		16	57	93		16	95	95								
2070	1	40		10	52	97		10	77	77								
(00)	2	40	3	24	75	118	3	24	111	111							3	3
	3	40	1	15	53	92	1	15	91	91							2	2
	1	42		4	36	82		4	62	61								
	2	42	1	16	67	113	1	16	103	103							1	1
	3	42		14	52	88		14	80	80							2	2
	1	44		1	24	67		1	41	40								
	2	44	1	12	65	108	1	12	93	93								
	3	44		12	51	81		12	73	73								
2070	1	40		8	46	76		8	65	65								
(01)	2	40	1	16	68	96	1	16	83	83								
	3	40	1	9	47	69	1	9	70	70								
	1	42		2	32	69		2	50	49								
	2	42		14	65	89		14	79	79								
	3	42	1	9	44	66	1	9	67	67								
	1	44			16	65			31	31								
	2	44		11	60	81		11	73	73								
	3	44		7	43	62		7	62	62								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(1)

City	Port Hedland	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	19	144	227	3	19	208	232								
(90)	2	40	12	45	207	266	12	45	244	269								
	3	40	7	33	205	246	7	33	245	254								
	1	42		12	103	199		12	180	216								
	2	42	10	35	201	260	10	35	235	264								
	3	42	4	25	197	243	4	25	241	252								
	1	44		5	63	148		5	129	176								
	2	44	7	28	178	247	7	28	226	252								
	3	44	4	19	187	240	4	19	229	246								
2070	1	40	2	6	129	210	2	6	205	226								
(91)	2	40	4	31	196	257	4	31	247	271								
	3	40		20	186	235		20	247	255								
	1	42	1	4	86	177	1	4	176	199								
	2	42	3	23	180	245	3	23	236	258								
	3	42		17	172	228		17	237	249								
	1	44		2	50	118		2	136	169								
	2	44	2	13	161	229	2	13	225	246								
	3	44		9	161	227		9	229	245								
2070	1	40		5	89	189		5	192	209								
(92)	2	40		21	167	247		21	236	253								
	3	40		12	163	228		12	232	239								
	1	42			58	147			161	182								
	2	42		14	144	237		14	224	246								
	3	42		7	147	224		7	226	236								
	1	44			34	101			105	134								
	2	44		11	123	222		11	215	234								
	3	44		6	135	218		6	219	230								
2070	1	40	1	8	124	191	1	8	192	207								
(93)	2	40	5	27	178	232	5	27	242	251							1	1
	3	40	3	17	171	211	3	17	230	232							1	1
	1	42	1	4	75	156	1	4	157	179								
	2	42	4	20	167	224	4	20	227	239								
	3	42	2	14	160	205	2	14	228	230								
	1	44		1	41	119		1	119	156								
	2	44	3	14	154	209	3	14	214	229								
	3	44		10	147	201		10	218	223								
2070	1	40	1	15	147	236	1	15	198	245								
(94)	2	40	11	44	220	278	11	44	255	288								
	3	40	4	28	206	259	4	28	255	270								
	1	42		9	107	200		9	177	216								
	2	42	8	33	202	277	8	33	241	284								
	3	42	3	26	189	256	3	26	244	266								
	1	44		3	59	152		3	133	181								
	2	44	5	22	179	262	5	22	224	270								
	3	44	1	22	180	254	1	22	237	263								
2070	1	40		4	96	193		4	202	225								
(95)	2	40	2	16	173	247	2	16	247	259								
	3	40	1	12	161	221	1	12	242	245								
	1	42		1	49	152		1	166	205								
	2	42	1	12	153	241	1	12	236	251								
	3	42	1	9	151	219	1	9	235	239								
	1	44			22	110			108	159								
	2	44		5	126	221		5	224	244								
	3	44		5	136	216		5	226	235								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(1)

City	Port Hedland	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	12	118	229	1	12	210	247								
(96)	2	40	8	45	197	273	8	45	279	288								
	3	40	4	31	192	261	4	31	280	283							1	1
	1	42	1	7	79	185	1	7	176	212								
	2	42	7	29	178	267	7	29	263	281								
	3	42	2	24	178	255	2	24	266	273								
	1	44	1	3	51	131	1	3	136	167								
	2	44	5	21	151	248	5	21	245	266								
	3	44	2	19	164	249	2	19	252	267								
2070	1	40	2	7	87	196	2	7	200	222								
(97)	2	40	4	20	169	239	4	20	243	247								
	3	40	4	13	172	225	4	13	239	243								
	1	42	1	3	49	145	1	3	157	198								
	2	42	3	16	152	232	3	16	237	245								
	3	42	4	13	152	218	4	13	234	237								
	1	44		2	25	98		2	119	157								
	2	44	2	13	128	221	2	13	230	237								
	3	44	2	9	142	218	2	9	232	236								
2070	1	40	1	9	116	233	1	9	224	259								
(98)	2	40	6	38	202	284	6	38	278	295								
	3	40	6	29	198	264	6	29	274	282							1	1
	1	42	1	5	84	193	1	5	190	224								
	2	42	4	26	188	274	4	26	270	291								
	3	42	4	17	185	258	4	17	269	277								
	1	44	1	3	46	136	1	3	125	170								
	2	44	4	17	166	261	4	17	254	279								
	3	44	4	14	172	257	4	14	264	276								
2070	1	40		2	61	178		2	190	221								
(99)	2	40	1	14	148	249	1	14	252	266								
	3	40		10	151	227		10	243	250							2	2
	1	42		1	34	127		1	150	177								
	2	42		9	123	238		9	238	260								
	3	42		8	133	217		8	235	242								
	1	44			16	74			104	127								
	2	44		4	97	220		4	215	246								
	3	44		5	109	211		5	229	239								
2070	1	40	3	13	59	160	3	13	200	213								
(00)	2	40	6	22	134	236	6	22	250	258								
	3	40	4	16	129	214	4	16	247	252								
	1	42	2	5	36	109	2	5	163	177								
	2	42	5	21	114	223	5	21	241	250								
	3	42	2	16	104	197	2	16	243	247								
	1	44		4	25	70		4	113	136								
	2	44	4	19	90	196	4	19	225	235								
	3	44	2	14	96	190	2	14	232	238								
2070	1	40		5	60	163		5	173	202								
(01)	2	40	2	19	138	235	2	19	236	259							1	1
	3	40		15	125	208		15	235	243								
	1	42		2	38	123		2	128	162								
	2	42	2	15	123	224	2	15	223	246								
	3	42		10	114	204		10	223	231								
	1	44			23	74			80	108								
	2	44		9	92	206		9	207	229								
	3	44		10	104	200		10	214	224								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(1a)

City	Port Hedland	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	6	35	160	260	6	35	209	205								
(90)	2	40	17	78	220	283	17	78	245	243								
	3	40	7	65	221	264	7	65	246	245								
	1	42		21	113	234		21	182	170								
	2	42	13	64	206	277	13	64	235	234								
	3	42	7	53	212	256	7	53	242	240								
	1	44		12	77	201		12	136	113								
	2	44	10	53	200	270	10	53	228	225								
	3	44	6	48	202	252	6	48	229	229								
2070	1	40	2	23	146	245	2	23	207	205								
(91)	2	40	5	60	203	290	5	60	247	247								
	3	40		52	206	253		52	248	247								
	1	42	1	8	100	212	1	8	180	172								
	2	42	4	46	196	278	4	46	236	236								
	3	42		37	194	249		37	238	237								
	1	44		4	61	187		4	141	122								
	2	44	3	34	178	268	3	34	225	224								
	3	44		32	177	246		32	229	229								
2070	1	40		14	105	234		14	193	188								
(92)	2	40	2	50	188	268	2	50	237	235								
	3	40	2	45	183	241	2	45	234	231								
	1	42		9	77	204		9	165	156								
	2	42		41	166	258		41	225	224								
	3	42		32	170	237		32	227	225								
	1	44			42	156			107	95								
	2	44		33	139	253		33	217	214								
	3	44		23	153	236		23	221	219								
2070	1	40	1	20	138	223	1	20	193	191								
(93)	2	40	8	60	186	253	8	60	242	242							1	1
	3	40	4	40	180	237	4	40	230	230							1	1
	1	42	1	11	93	198	1	11	160	154								
	2	42	5	44	179	249	5	44	228	227								
	3	42	3	29	175	230	3	29	228	228								
	1	44	1	5	50	163	1	5	123	111								
	2	44	4	35	165	239	4	35	214	213								
	3	44	3	23	162	224	3	23	218	218								
2070	1	40	3	34	159	277	3	34	206	194								
(94)	2	40	15	93	235	294	15	93	258	251								
	3	40	4	69	222	278	4	69	256	254								
	1	42	1	17	121	242	1	17	180	163								
	2	42	12	67	221	287	12	67	246	236								
	3	42	4	56	214	270	4	56	246	241								
	1	44		11	76	210		11	141	116								
	2	44	8	49	198	281	8	49	228	218								
	3	44	3	46	197	264	3	46	239	234								
2070	1	40		12	114	240		12	207	200								
(95)	2	40	3	48	191	257	3	48	249	246								
	3	40	2	45	179	245	2	45	242	242								
	1	42		5	72	200		5	170	161								
	2	42	2	33	167	257	2	33	236	234								
	3	42	1	30	171	237	1	30	235	234								
	1	44		2	33	165		2	116	100								
	2	44	1	22	150	250	1	22	227	223								
	3	44	1	21	154	235	1	21	227	225								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(1a)

City	Port Hedland	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	30	135	267	3	30	216	208								
(96)	2	40	11	76	220	292	11	76	280	278								
	3	40	6	62	214	279	6	62	280	280							1	1
	1	42	1	14	96	239	1	14	181	169								
	2	42	8	67	201	285	8	67	266	261								
	3	42	5	57	204	271	5	57	268	266								
	1	44	1	8	67	196	1	8	141	122								
	2	44	7	53	174	277	7	53	248	245								
	3	44	3	45	188	269	3	45	256	251								
2070	1	40	2	16	105	232	2	16	204	197								
(97)	2	40	5	47	195	252	5	47	243	243								
	3	40	4	40	189	238	4	40	239	239								
	1	42	2	7	63	213	2	7	161	152								
	2	42	4	30	167	249	4	30	237	237								
	3	42	4	29	178	232	4	29	234	234								
	1	44		4	31	159		4	121	113								
	2	44	3	24	147	243	3	24	230	229								
	3	44	4	25	161	229	4	25	232	232								
2070	1	40	3	26	141	274	3	26	228	220								
(98)	2	40	7	81	231	298	7	81	282	277								
	3	40	8	62	215	283	8	62	276	273							1	1
	1	42	1	10	94	245	1	10	191	180								
	2	42	6	62	202	294	6	62	272	270								
	3	42	6	52	205	280	6	52	271	267								
	1	44	1	6	62	201	1	6	132	115								
	2	44	4	48	187	288	4	48	256	250								
	3	44	5	46	189	275	5	46	266	262								
2070	1	40		9	83	238		9	195	187								
(99)	2	40	2	31	174	275	2	31	253	251								
	3	40		24	174	254		24	243	242							2	2
	1	42		2	44	195		2	151	142								
	2	42	1	24	147	265	1	24	239	236								
	3	42		22	158	248		22	236	235								
	1	44		1	24	142		1	107	101								
	2	44		15	122	254		15	219	213								
	3	44		17	138	238		17	231	229								
2070	1	40	4	21	75	223	4	21	203	192								
(00)	2	40	10	34	158	270	10	34	250	248								
	3	40	6	29	153	247	6	29	247	246								
	1	42	2	16	46	174	2	16	166	157								
	2	42	6	28	134	262	6	28	242	239								
	3	42	4	24	134	237	4	24	244	243								
	1	44		6	28	123		6	114	105								
	2	44	5	25	109	243	5	25	226	223								
	3	44	3	20	117	229	3	20	232	231								
2070	1	40		15	75	224		15	176	171								
(01)	2	40	5	35	161	273	5	35	236	235							1	1
	3	40		26	145	237		26	235	235								
	1	42		5	47	180		5	132	123								
	2	42	3	26	138	258	3	26	224	222								
	3	42		22	136	224		22	223	223								
	1	44		2	30	132		2	82	75								
	2	44	2	19	122	244	2	19	209	206								
	3	44		20	118	219		20	216	214								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(2)

City	Port Hedland	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	10	36	203	263	10	36	236	267								
(90)	2	40	27	79	245	283	28	80	285	293	1	1	2	2	2	2	28	28
	3	40	15	66	234	264	17	68	274	279	2	2	3	3	5	5	59	59
	1	42	4	22	162	236	4	22	219	242								
	2	42	21	66	233	278	21	66	273	286							13	13
	3	42	12	55	231	257	13	56	265	269			1	1	1	1	24	24
	1	44		13	112	203		13	187	219								
	2	44	14	55	217	271	14	55	255	276							1	1
	3	44	8	48	225	253	8	48	256	263					1	1	10	10
2070	1	40	3	23	183	250	3	23	237	263								
(91)	2	40	11	61	229	292	12	61	294	311			1	1	6	6	48	48
	3	40	5	55	224	253	14	59	274	279	8	8	13	13	20	20	74	74
	1	42	2	9	146	216	2	9	216	232								
	2	42	8	47	215	282	8	47	276	302							12	12
	3	42	1	41	215	250	3	44	268	273			1	1	7	7	49	49
	1	44	1	4	103	191	1	4	192	210								
	2	44	4	36	199	270	4	36	258	288							1	1
	3	44		33	211	248		33	261	266							18	18
2070	1	40		16	149	238		16	225	247								
(92)	2	40	11	51	224	271	11	51	274	289					1	1	20	20
	3	40	5	46	212	242	6	48	256	259					2	2	32	32
	1	42		9	103	206		9	200	220								
	2	42	8	45	205	261	8	45	266	278							7	7
	3	42	4	34	203	238	4	34	255	257							14	14
	1	44			71	160			173	191								
	2	44	2	33	182	254	2	33	253	269							2	2
	3	44	3	26	194	237	3	26	250	253							4	4
2070	1	40	4	20	169	227	4	20	228	239								
(93)	2	40	12	61	206	258	13	61	271	279	1	1	1	1	2	2	29	29
	3	40	8	45	197	237	12	49	254	258	2	2	5	5	7	7	62	62
	1	42	1	11	138	201	1	11	203	220								
	2	42	11	45	198	250	11	45	264	270					1	1	9	9
	3	42	5	32	192	230	5	33	246	252			1	1	1	1	29	29
	1	44	1	5	85	171	1	5	174	191								
	2	44	8	35	182	241	8	35	251	261							2	2
	3	44	4	25	185	227	4	26	242	247							8	8
2070	1	40	9	35	204	277	9	35	246	284								
(94)	2	40	22	94	261	295	23	94	289	301			1	1	5	5	37	37
	3	40	17	76	251	278	21	79	282	288	4	4	5	5	10	10	61	61
	1	42	2	17	155	244	2	17	211	253								
	2	42	17	73	243	289	17	73	273	297					1	1	14	14
	3	42	12	58	236	272	14	58	273	283	2	2	2	2	2	2	34	34
	1	44	1	12	120	215	1	12	184	226								
	2	44	13	49	233	282	13	49	266	291							2	2
	3	44	6	48	230	267	7	48	270	278							13	13
2070	1	40	1	14	159	246	1	14	237	255								
(95)	2	40	5	51	220	257	5	51	278	281					3	3	17	17
	3	40	5	47	214	245	9	47	266	272	3	3	3	3	4	4	36	36
	1	42		5	111	206		5	216	235								
	2	42	5	36	200	257	5	36	272	276							6	6
	3	42	4	33	200	238	5	34	264	271	1	1	2	2	3	3	14	14
	1	44		2	64	165		2	178	208								
	2	44	2	25	188	251	2	25	258	264								
	3	44	3	23	190	237	3	23	260	267							5	5

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(2)

City	Port Hedland	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	7	32	185	268	7	32	267	282								
(96)	2	40	21	77	248	293	21	77	314	320	1	1	3	3	5	5	38	38
	3	40	13	64	242	279	19	65	298	302	5	5	7	7	11	11	61	61
	1	42	2	14	131	241	2	14	222	255								
	2	42	13	68	236	286	13	68	304	314							12	12
	3	42	8	59	233	272	11	59	295	300	1	1	2	2	5	5	35	35
	1	44	1	8	93	200	1	8	184	222								
	2	44	11	53	213	278	11	53	294	303								
	3	44	6	47	222	269	6	47	289	294					1	1	12	12
2070	1	40	3	16	158	235	3	16	237	245								
(97)	2	40	12	48	223	253	12	48	271	275							22	22
	3	40	5	41	215	238	7	43	261	264	1	1	2	2	5	5	60	60
	1	42	2	8	108	214	2	8	215	232								
	2	42	7	30	213	250	7	30	266	270							3	3
	3	42	5	30	208	233	5	30	253	254					1	1	23	23
	1	44	1	4	56	160	1	4	173	209								
	2	44	5	25	190	243	5	25	251	255								
	3	44	5	26	201	231	5	26	251	251							3	3
2070	1	40	4	27	193	275	4	27	273	291								
(98)	2	40	15	82	259	299	18	83	303	310	3	3	5	5	7	7	39	39
	3	40	12	64	249	283	20	66	295	300	6	6	9	9	16	16	67	67
	1	42	3	10	133	246	3	10	244	271								
	2	42	10	64	245	294	10	64	297	306							15	15
	3	42	9	52	241	280	15	54	289	295	3	3	4	4	8	8	39	39
	1	44	1	6	89	202	1	6	201	230								
	2	44	7	49	222	288	7	49	286	298							5	5
	3	44	9	48	232	277	9	48	288	293					3	3	21	21
2070	1	40	1	9	129	240	1	9	238	260								
(99)	2	40	4	32	223	276	5	32	288	296					4	4	31	31
	3	40	2	25	208	255	6	25	277	282	3	3	8	8	15	15	59	59
	1	42		3	79	197		3	207	236								
	2	42	2	26	194	266	2	26	276	284							10	10
	3	42	1	22	197	252	2	22	271	274			1	1	4	4	33	33
	1	44		1	42	145		1	160	194								
	2	44	2	15	168	258	2	15	267	277							2	2
	3	44		18	187	241	1	18	260	264							14	14
2070	1	40	5	21	118	224	5	21	241	250								
(00)	2	40	19	34	195	270	19	34	261	276			1	1	1	1	23	23
	3	40	9	29	185	247	13	31	256	261	3	3	4	4	5	5	43	43
	1	42	4	16	72	176	4	16	213	225								
	2	42	15	29	176	264	15	29	259	273							6	6
	3	42	9	24	177	240	9	24	253	259	1	1	1	1	2	2	22	22
	1	44	2	6	43	125	2	6	177	193								
	2	44	7	25	151	246	7	25	255	262								
	3	44	9	22	167	232	9	22	253	258					1	1	6	6
2070	1	40	2	15	126	227	2	15	225	249								
(01)	2	40	8	35	202	274	9	35	273	296	1	1	1	1	3	3	14	14
	3	40	4	26	194	237	6	27	258	268	1	1	3	3	5	5	35	35
	1	42		6	72	183		6	196	218								
	2	42	5	27	176	260	6	27	259	286					1	1	4	4
	3	42	3	23	182	227	4	23	254	261					1	1	16	16
	1	44		3	47	134		3	151	178								
	2	44	4	19	156	246	4	19	246	274							1	1
	3	44	1	20	159	219	1	20	248	256							5	5

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(2a)

City	Port Hedland	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	14	66	206	277	14	66	236	235								
(90)	2	40	34	138	260	294	35	138	286	285	1	1	2	2	2	2	28	28
	3	40	19	130	242	278	21	129	274	274	2	2	3	3	5	5	59	59
	1	42	7	43	180	265	7	43	220	217								
	2	42	27	108	245	294	27	108	274	273							13	13
	3	42	18	106	237	272	19	106	265	265			1	1	1	1	24	24
	1	44	2	27	128	243	2	27	195	182								
	2	44	21	88	233	286	21	88	257	255							1	1
	3	44	12	88	231	267	12	88	256	256					1	1	10	10
2070	1	40	4	48	197	281	4	48	237	237								
(91)	2	40	20	109	247	314	21	109	297	294			1	1	6	6	48	48
	3	40	9	104	228	279	18	103	274	274	8	8	13	13	20	20	74	74
	1	42	2	28	161	255	2	28	218	215								
	2	42	12	87	229	303	12	87	278	275							12	12
	3	42	6	88	225	273	8	87	268	268			1	1	7	7	49	49
	1	44	2	11	111	227	2	11	192	187								
	2	44	8	76	213	293	8	76	260	258							1	1
	3	44	4	73	219	267	4	73	262	261							18	18
2070	1	40	1	45	168	260	1	45	226	225								
(92)	2	40	14	94	238	300	14	94	274	274					1	1	20	20
	3	40	6	90	219	264	7	91	256	256					2	2	32	32
	1	42		19	127	245		19	204	199								
	2	42	11	79	223	289	11	79	267	266							7	7
	3	42	6	74	213	256	6	74	255	255							14	14
	1	44		11	84	218		11	174	166								
	2	44	8	63	205	279	8	63	255	252							2	2
	3	44	5	65	208	256	5	65	250	250							4	4
2070	1	40	7	45	180	250	7	45	229	228								
(93)	2	40	19	115	225	276	20	115	271	271	1	1	1	1	2	2	29	29
	3	40	11	103	202	252	15	102	254	254	2	2	5	5	7	7	62	62
	1	42	3	26	157	230	3	26	207	202								
	2	42	13	95	206	272	13	95	264	264					1	1	9	9
	3	42	8	88	198	251	8	88	246	246			1	1	1	1	29	29
	1	44	1	12	108	204	1	12	175	171								
	2	44	11	70	197	263	11	70	252	251							2	2
	3	44	6	68	194	244	6	68	242	242							8	8
2070	1	40	12	73	222	289	12	73	248	241								
(94)	2	40	31	143	277	316	32	143	293	288			1	1	5	5	37	37
	3	40	23	134	255	298	26	135	283	282	4	4	5	5	10	10	61	61
	1	42	5	42	178	278	5	42	217	207								
	2	42	22	129	261	310	22	129	281	273					1	1	14	14
	3	42	18	122	254	289	20	122	273	273	2	2	2	2	2	2	34	34
	1	44	1	22	140	259	1	22	188	175								
	2	44	17	105	242	298	17	105	267	263							2	2
	3	44	14	103	241	286	14	103	271	269							13	13
2070	1	40	2	36	173	257	2	36	237	235								
(95)	2	40	12	105	239	279	12	105	279	278					3	3	17	17
	3	40	7	93	219	264	11	93	266	266	3	3	3	3	4	4	36	36
	1	42		15	133	246		15	219	214								
	2	42	5	91	221	269	5	91	272	271							6	6
	3	42	5	82	215	258	6	82	264	264	1	1	2	2	3	3	14	14
	1	44		5	90	215		5	185	175								
	2	44	5	64	199	260	5	64	258	256								
	3	44	5	73	206	254	5	73	260	259							5	5

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(2a)

City	Port Hedland	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	10	68	203	286	10	68	269	265								
(96)	2	40	28	126	266	314	28	126	314	314	1	1	3	3	5	5	38	38
	3	40	21	115	251	299	26	115	298	298	5	5	7	7	11	11	61	61
	1	42	5	44	156	272	5	44	224	220								
	2	42	21	107	248	305	21	107	304	304							12	12
	3	42	17	106	244	287	19	106	295	295	1	1	2	2	5	5	35	35
	1	44	1	21	109	248	1	21	188	179								
	2	44	13	92	236	297	13	92	295	293								
	3	44	11	90	239	284	11	90	289	289					1	1	12	12
2070	1	40	4	30	169	250	4	30	237	237								
(97)	2	40	15	93	232	272	15	93	271	271							22	22
	3	40	9	97	219	258	11	97	261	261	1	1	2	2	5	5	60	60
	1	42	3	19	125	237	3	19	216	214								
	2	42	13	72	222	267	13	72	266	266							3	3
	3	42	8	71	218	254	8	71	253	253					1	1	23	23
	1	44	2	12	74	219	2	12	181	167								
	2	44	7	55	212	260	7	55	251	251								
	3	44	5	60	215	249	5	60	251	251							3	3
2070	1	40	6	65	204	294	6	65	273	272								
(98)	2	40	24	129	273	308	27	129	303	303	3	3	5	5	7	7	39	39
	3	40	15	127	257	297	23	127	295	295	6	6	9	10	16	16	67	67
	1	42	4	36	167	282	4	36	246	241								
	2	42	16	106	260	305	16	106	297	297							15	15
	3	42	12	103	252	293	17	104	289	289	3	3	4	4	8	8	39	39
	1	44	1	15	105	259	1	15	204	193								
	2	44	10	90	244	301	10	90	287	286							5	5
	3	44	9	88	244	290	9	88	288	288					3	3	21	21
2070	1	40	1	26	151	266	1	26	239	236								
(99)	2	40	9	71	239	303	10	71	288	288					4	4	31	31
	3	40	5	67	216	280	8	67	277	277	3	3	8	8	15	15	59	59
	1	42		13	95	247		13	207	203								
	2	42	4	51	223	293	4	51	276	276							10	10
	3	42	2	52	210	268	4	52	271	271			1	1	4	4	33	33
	1	44		4	55	220		4	161	152								
	2	44	2	38	192	283	2	38	267	267							2	2
	3	44	1	40	201	264	1	40	261	260							14	14
2070	1	40	6	29	138	263	6	29	242	239								
(00)	2	40	19	67	222	290	19	67	261	261			1	1	1	1	23	23
	3	40	14	57	194	268	17	57	256	256	3	3	4	4	5	5	43	43
	1	42	4	22	89	234	4	22	213	206								
	2	42	19	53	196	284	19	53	259	259							6	6
	3	42	9	50	188	262	9	50	253	253	1	1	1	1	2	2	22	22
	1	44	3	19	53	192	3	19	181	170								
	2	44	15	42	173	278	15	42	255	255								
	3	44	9	43	183	257	9	43	253	253					1	1	6	6
2070	1	40	3	27	142	260	3	27	226	224								
(01)	2	40	13	68	224	301	14	68	273	273	1	1	1	1	3	3	14	14
	3	40	10	57	201	274	12	58	258	258	1	1	3	3	5	5	35	35
	1	42		18	97	233		18	198	193								
	2	42	8	55	206	287	8	55	259	259					1	1	4	4
	3	42	8	48	197	261	9	48	254	254					1	1	16	16
	1	44		8	57	200		8	155	144								
	2	44	5	45	175	278	5	45	246	246							1	1
	3	44	4	36	191	250	4	36	248	248							5	5

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(3)

City	Port Hedland	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	12	40	204	264	12	40	238	267								
(90)	2	40	28	82	248	283	30	84	285	293	1	1	2	2	2	2	41	41
	3	40	17	71	237	265	20	73	277	281	3	3	5	5	6	6	69	69
	1	42	5	24	165	238	5	24	223	243								
	2	42	21	72	236	279	21	72	276	287					1	1	16	16
	3	42	12	59	232	259	13	60	267	270			1	1	3	3	33	33
	1	44		14	115	205		14	189	219								
	2	44	17	56	219	273	17	56	258	278							4	4
	3	44	10	51	227	254	10	51	259	264					1	1	12	12
2070	1	40	4	23	186	252	4	23	239	265								
(91)	2	40	13	64	231	293	16	65	296	311	1	1	4	4	10	10	55	55
	3	40	6	61	224	258	18	67	277	281	13	13	13	13	27	27	86	86
	1	42	2	9	148	223	2	9	217	236								
	2	42	8	50	217	284	8	50	279	303							18	18
	3	42	3	49	217	252	7	52	269	276	1	1	5	5	10	10	59	59
	1	44	1	4	108	195	1	4	192	211								
	2	44	5	39	205	273	5	39	262	292							2	2
	3	44	1	36	212	249	1	36	261	267					2	2	22	22
2070	1	40		19	154	240		19	230	249								
(92)	2	40	11	57	227	274	11	57	276	291					4	4	25	25
	3	40	6	48	212	244	8	50	262	264					3	3	45	45
	1	42		10	109	213		10	206	228								
	2	42	9	45	210	261	9	45	267	279							8	8
	3	42	5	38	206	240	6	39	255	257							20	20
	1	44		1	76	163		1	176	195								
	2	44	2	35	184	255	2	35	257	272							4	4
	3	44	4	29	199	237	4	29	252	255							7	7
2070	1	40	4	22	172	228	4	22	230	242								
(93)	2	40	14	68	211	260	15	68	271	280	1	1	2	2	5	5	45	45
	3	40	8	50	197	238	13	54	256	260	3	3	5	5	10	10	70	70
	1	42	1	11	141	203	1	11	204	222								
	2	42	11	49	200	250	11	49	264	270			1	1	1	1	11	11
	3	42	6	38	194	234	6	39	249	254			1	1	3	3	41	41
	1	44	1	7	95	174	1	7	175	193								
	2	44	8	39	186	243	8	39	251	263							3	3
	3	44	5	26	189	228	5	27	242	248					1	1	12	12
2070	1	40	9	37	212	277	9	37	251	285								
(94)	2	40	22	96	263	296	23	96	291	303	1	1	4	4	7	7	44	44
	3	40	17	81	253	280	25	85	282	289	5	5	8	8	15	15	77	77
	1	42	3	19	162	247	3	19	216	255								
	2	42	17	74	246	291	17	74	278	300					1	1	18	18
	3	42	13	61	240	276	17	63	276	286	2	2	2	2	4	4	42	42
	1	44	1	12	123	216	1	12	186	229								
	2	44	15	56	234	283	15	56	267	291							3	3
	3	44	8	49	233	268	8	49	272	279					2	2	22	22
2070	1	40	1	15	160	247	1	15	239	256								
(95)	2	40	5	56	224	258	6	56	280	283			2	2	3	3	24	24
	3	40	5	49	215	247	9	49	270	275	3	3	3	3	7	7	46	46
	1	42		5	115	209		5	218	237								
	2	42	5	37	205	257	5	37	274	278							8	8
	3	42	5	38	204	240	7	39	265	272	2	2	2	2	3	3	22	22
	1	44		2	71	173		2	183	211								
	2	44	3	27	191	253	3	27	261	266							1	1
	3	44	3	26	192	237	3	26	261	269					1	1	5	5

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(3)

City	Port Hedland	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	7	38	191	269	7	38	273	284								
(96)	2	40	21	81	248	295	24	82	315	322	3	3	4	4	7	7	49	49
	3	40	14	67	243	281	23	70	303	307	7	7	9	9	14	14	73	73
	1	42	3	16	135	245	3	16	229	258								
	2	42	14	70	239	286	14	70	306	315							16	16
	3	42	11	62	237	275	15	63	295	300	2	2	3	3	5	5	41	41
	1	44	1	10	99	206	1	10	191	227								
	2	44	11	53	216	279	11	53	296	305							1	1
	3	44	8	50	224	270	8	50	290	296					3	3	18	18
2070	1	40	3	17	164	237	3	17	239	246								
(97)	2	40	13	50	223	255	13	50	272	276			1	1	3	3	28	28
	3	40	6	43	216	242	8	45	262	265	1	1	4	4	12	12	74	74
	1	42	2	9	111	217	2	9	220	234								
	2	42	7	33	216	250	7	33	267	270							6	6
	3	42	5	34	214	234	5	34	258	259			1	1	1	1	26	26
	1	44	2	5	60	163	2	5	174	210								
	2	44	5	25	194	244	5	25	254	258								
	3	44	5	28	203	231	5	28	252	252							10	10
2070	1	40	5	28	196	278	5	28	274	293								
(98)	2	40	17	84	261	299	22	85	304	310	4	4	6	6	9	9	43	43
	3	40	12	67	251	284	21	69	296	300	9	9	14	14	20	20	74	74
	1	42	3	11	141	253	3	11	244	274								
	2	42	10	69	246	295	10	69	298	306					1	1	18	18
	3	42	9	58	244	281	15	60	292	296	4	4	5	5	10	10	49	49
	1	44	1	6	93	208	1	6	207	235								
	2	44	7	54	228	289	7	54	287	298							8	8
	3	44	9	50	234	280	10	51	288	295	1	1	2	2	4	4	25	25
2070	1	40	1	10	136	243	1	10	242	261								
(99)	2	40	4	35	223	277	6	35	289	297			1	1	7	7	40	40
	3	40	2	28	208	257	8	30	278	283	7	7	11	11	19	19	65	65
	1	42		3	85	205		3	208	237								
	2	42	2	26	200	269	2	26	278	288							12	12
	3	42	1	23	202	254	3	23	272	277	1	1	2	2	7	7	40	40
	1	44		1	44	153		1	164	195								
	2	44	2	18	174	259	2	18	271	280							4	4
	3	44		20	189	243	1	20	266	269					2	2	16	16
2070	1	40	5	21	124	228	5	21	246	253								
(00)	2	40	19	38	199	274	19	38	264	278	1	1	1	1	3	3	26	26
	3	40	9	31	187	249	14	34	257	263	4	4	6	6	8	8	53	53
	1	42	4	17	79	184	4	17	215	227								
	2	42	16	31	181	266	16	31	260	274							9	9
	3	42	9	28	183	243	10	29	254	260	1	1	2	2	4	4	29	29
	1	44	2	6	47	133	2	6	182	200								
	2	44	10	25	153	248	10	25	257	264								
	3	44	9	22	171	235	9	22	253	259			1	1	1	1	9	9
2070	1	40	2	15	128	230	2	15	227	252							1	1
(01)	2	40	9	41	208	275	11	41	276	297	1	1	2	2	4	4	18	18
	3	40	6	28	196	242	8	29	259	268	3	3	3	3	8	8	45	45
	1	42		8	80	188		8	199	220								
	2	42	5	28	182	264	6	28	263	288					1	1	5	5
	3	42	4	24	187	229	5	24	255	263					3	3	21	21
	1	44		3	47	144		3	152	185								
	2	44	5	21	159	249	5	21	248	276							3	3
	3	44	2	20	167	222	2	21	250	257							7	7

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(3a)

City	Port Hedland	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	14	73	210	279	14	73	238	237								
(90)	2	40	35	144	263	295	37	144	286	285	1	1	2	2	2	2	41	41
	3	40	22	133	245	280	25	133	277	277	3	3	5	5	6	6	69	69
	1	42	8	45	184	266	8	45	224	222								
	2	42	28	120	248	294	28	120	277	276					1	1	16	16
	3	42	18	113	240	275	19	113	267	267			1	1	3	3	33	33
	1	44	3	28	138	247	3	28	196	184								
	2	44	21	90	236	289	21	90	259	258							4	4
	3	44	14	95	233	269	14	95	259	259					1	1	12	12
2070	1	40	4	50	198	283	4	50	240	239								
(91)	2	40	23	113	250	317	26	113	300	296	1	1	4	4	10	10	55	55
	3	40	15	110	229	281	26	108	278	277	13	13	13	13	27	27	86	86
	1	42	2	31	165	257	2	31	219	217								
	2	42	14	91	231	305	14	91	281	278							18	18
	3	42	7	93	226	273	11	92	269	269	1	1	5	5	10	10	59	59
	1	44	2	13	115	229	2	13	192	188								
	2	44	8	78	217	296	8	78	264	262							2	2
	3	44	5	76	223	270	5	76	262	261					2	2	22	22
2070	1	40	1	45	170	260	1	45	230	229								
(92)	2	40	14	101	239	301	14	101	276	276					4	4	25	25
	3	40	7	97	221	265	9	98	262	262					3	3	45	45
	1	42		23	132	247		23	211	205								
	2	42	12	83	227	291	12	83	268	267							8	8
	3	42	6	76	216	259	7	76	255	255							20	20
	1	44		11	88	221		11	178	171								
	2	44	9	69	209	279	9	69	258	257							4	4
	3	44	5	69	212	256	5	69	252	252							7	7
2070	1	40	7	50	180	250	7	50	231	230								
(93)	2	40	20	119	226	276	21	119	271	271	1	1	2	2	5	5	45	45
	3	40	12	107	204	252	17	107	256	256	3	3	5	5	10	10	70	70
	1	42	3	27	159	231	3	27	208	204								
	2	42	14	98	211	273	14	98	264	264			1	1	1	1	11	11
	3	42	9	91	199	251	9	91	249	249			1	1	3	3	41	41
	1	44	1	14	112	209	1	14	178	173								
	2	44	11	81	200	263	11	81	253	251							3	3
	3	44	7	77	196	246	7	77	242	242					1	1	12	12
2070	1	40	13	76	226	291	13	76	253	246								
(94)	2	40	34	150	277	318	35	150	294	291	1	1	4	4	7	7	44	44
	3	40	24	136	257	298	31	137	283	282	5	5	8	8	15	15	77	77
	1	42	6	44	185	278	6	44	221	210								
	2	42	23	132	265	311	23	132	287	277					1	1	18	18
	3	42	20	123	254	291	24	124	276	276	2	2	2	2	4	4	42	42
	1	44	1	22	144	261	1	22	191	178								
	2	44	17	110	245	300	17	110	270	266							3	3
	3	44	15	109	246	287	15	109	272	271					2	2	22	22
2070	1	40	2	38	178	257	2	38	239	238								
(95)	2	40	12	111	242	282	13	111	281	280			2	2	3	3	24	24
	3	40	7	98	221	266	11	98	270	270	3	3	3	3	7	7	46	46
	1	42		18	134	246		18	221	215								
	2	42	6	92	226	272	6	92	275	274							8	8
	3	42	5	85	217	260	7	85	265	265	2	2	2	2	3	3	22	22
	1	44		5	92	220		5	188	179								
	2	44	5	71	204	262	5	71	261	260							1	1
	3	44	5	76	210	255	5	76	261	261					1	1	5	5

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(3a)

City	Port Hedland	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	10	70	208	286	10	70	274	271								
(96)	2	40	30	132	268	316	33	132	315	315	3	3	4	4	7	7	49	49
	3	40	22	121	251	301	31	121	303	303	7	7	9	9	14	14	73	73
	1	42	6	45	159	274	6	45	230	227								
	2	42	23	112	251	306	23	112	306	306							16	16
	3	42	19	106	248	289	22	106	295	295	2	2	3	3	5	5	41	41
	1	44	1	21	116	248	1	21	193	185								
	2	44	14	94	239	299	14	94	297	295							1	1
	3	44	13	98	241	285	13	98	290	290					3	3	18	18
2070	1	40	5	33	174	250	5	33	239	239								
(97)	2	40	16	99	233	273	16	99	272	272			1	1	3	3	28	28
	3	40	10	100	219	260	12	101	262	262	1	1	4	4	12	12	74	74
	1	42	3	20	128	239	3	20	221	219								
	2	42	14	77	223	268	14	77	267	267							6	6
	3	42	9	76	219	256	10	76	258	258			1	1	1	1	26	26
	1	44	2	13	79	219	2	13	183	170								
	2	44	7	58	215	263	7	58	254	254								
	3	44	5	66	215	251	5	66	252	252							10	10
2070	1	40	7	69	211	295	7	69	274	273								
(98)	2	40	26	137	274	309	30	137	304	304	4	4	6	6	9	9	43	43
	3	40	16	136	258	297	25	136	296	296	9	9	14	15	20	20	74	74
	1	42	4	39	172	285	4	39	247	241								
	2	42	19	110	266	305	19	110	299	298					1	1	18	18
	3	42	12	111	255	294	17	112	292	292	4	4	5	5	10	10	49	49
	1	44	1	17	111	261	1	17	208	200								
	2	44	10	93	245	302	10	93	288	287							8	8
	3	44	11	95	248	291	12	95	288	288	1	1	2	2	4	4	25	25
2070	1	40	2	26	158	269	2	26	242	241								
(99)	2	40	9	78	242	307	10	78	289	289			1	1	7	7	40	40
	3	40	7	69	218	282	11	69	278	278	7	7	11	11	19	19	65	65
	1	42		14	101	248		14	209	204								
	2	42	4	56	230	299	4	56	278	278							12	12
	3	42	4	59	214	271	6	59	272	272	1	1	2	2	7	7	40	40
	1	44		4	58	220		4	166	156								
	2	44	2	41	199	284	2	41	271	271							4	4
	3	44	2	46	206	267	2	46	266	266					2	2	16	16
2070	1	40	6	31	143	266	6	31	246	243								
(00)	2	40	21	72	225	293	21	72	264	264	1	1	1	1	3	3	26	26
	3	40	16	62	198	272	20	62	257	257	4	4	6	6	8	8	53	53
	1	42	4	22	95	236	4	22	215	209								
	2	42	19	56	202	284	19	56	260	260							9	9
	3	42	13	52	189	263	14	52	254	254	1	1	2	2	4	4	29	29
	1	44	3	19	57	196	3	19	186	176								
	2	44	16	45	179	279	16	45	257	257								
	3	44	9	46	185	258	9	46	253	253			1	1	1	1	9	9
2070	1	40	3	28	149	264	3	28	228	226							1	1
(01)	2	40	15	73	225	303	16	73	276	276	1	1	2	2	4	4	18	18
	3	40	10	65	203	276	12	65	259	259	3	3	3	3	8	8	45	45
	1	42	1	19	105	237	1	19	200	196								
	2	42	9	56	210	290	9	56	264	263					1	1	5	5
	3	42	8	50	198	263	9	50	255	255					3	3	21	21
	1	44		9	58	206		9	156	146								
	2	44	5	45	182	279	5	45	250	248							3	3
	3	44	4	41	194	253	4	41	250	250							7	7

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(4)

City	Port Hedland	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	90	195	285	308	151	209	309	316	108	108	119	119	143	143	195	195
(90)	2	40	174	251	297	332	214	249	339	344	188	198	205	214	233	241	269	291
	3	40	150	239	282	313	220	247	326	329	202	228	216	238	230	264	281	320
	1	42	59	143	270	294	81	152	300	305	36	36	48	48	74	74	146	146
	2	42	152	239	296	324	199	236	329	335	170	173	180	184	203	207	250	252
	3	42	134	231	278	310	204	236	322	324	179	198	195	215	220	238	270	295
	1	44	29	87	251	286	31	89	287	294	2	2	2	2	5	5	61	61
	2	44	121	216	293	318	182	222	325	328	149	149	160	162	178	178	230	230
	3	44	115	226	274	307	196	232	318	320	162	173	176	187	207	216	253	265
2070	1	40	75	175	292	330	152	188	339	342	117	117	129	129	154	154	205	205
(91)	2	40	154	232	322	346	223	251	354	354	218	221	228	230	242	249	285	307
	3	40	129	223	288	330	227	252	346	347	220	238	229	247	248	272	292	343
	1	42	44	114	269	317	91	140	327	333	63	63	71	71	89	89	148	148
	2	42	128	219	317	343	208	235	351	354	191	196	204	205	222	223	265	266
	3	42	106	213	278	324	211	237	345	346	202	213	219	226	231	248	273	310
	1	44	17	72	235	294	21	73	302	312	6	6	9	9	15	15	70	70
	2	44	104	200	306	339	188	215	346	349	160	160	173	173	202	202	238	238
	3	44	90	208	275	322	203	231	340	342	181	188	196	204	219	222	264	274
2070	1	40	59	140	272	318	119	159	330	337	98	98	113	113	133	133	188	188
(92)	2	40	118	227	306	337	211	241	350	351	202	207	208	214	229	238	275	291
	3	40	108	212	272	318	214	236	346	346	200	221	208	230	230	253	284	336
	1	42	32	96	256	302	45	99	300	316	20	20	30	30	50	50	126	126
	2	42	102	207	299	335	190	219	345	347	179	180	189	191	205	207	252	253
	3	42	92	201	266	311	199	224	339	340	182	193	193	208	217	230	265	290
	1	44	13	62	232	279	13	62	277	294	1	1	2	2	5	5	36	36
	2	44	87	182	285	329	167	193	340	341	148	148	164	164	187	187	229	229
	3	44	80	191	258	304	181	211	333	335	167	172	178	183	198	208	245	254
2070	1	40	67	152	255	290	133	175	307	309	98	98	116	116	136	136	190	190
(93)	2	40	142	207	283	315	209	233	323	326	197	200	208	211	223	229	270	279
	3	40	118	197	255	290	215	233	321	321	201	216	212	222	232	246	279	309
	1	42	35	117	237	276	76	128	291	294	53	53	59	59	77	77	135	135
	2	42	123	197	279	309	190	211	320	322	177	178	188	189	208	209	246	247
	3	42	107	191	254	284	200	221	314	315	185	196	197	208	217	223	262	278
	1	44	14	69	215	262	16	69	278	283	3	3	3	3	8	8	63	63
	2	44	102	179	271	306	166	191	317	319	145	145	162	162	183	183	224	224
	3	44	91	183	253	281	187	209	309	311	172	177	183	185	204	211	247	252
2070	1	40	95	196	297	330	161	210	322	335	107	107	115	115	144	144	187	187
(94)	2	40	173	257	322	345	215	266	341	348	185	193	196	201	211	230	258	294
	3	40	152	253	302	327	208	262	334	335	191	217	194	233	217	268	271	329
	1	42	51	145	282	316	84	157	308	320	50	50	59	59	79	79	145	145
	2	42	148	241	316	341	195	247	338	346	170	170	179	179	195	199	244	256
	3	42	139	234	296	323	202	246	332	333	182	197	189	205	208	236	251	297
	1	44	28	104	270	297	29	106	293	304	5	5	6	6	15	15	55	55
	2	44	131	229	306	338	186	238	331	342	141	142	158	159	177	177	217	217
	3	44	122	224	291	320	196	238	328	331	165	176	182	190	193	204	243	265
2070	1	40	45	149	258	301	126	191	303	312	101	101	115	115	134	134	193	193
(95)	2	40	119	215	286	321	217	244	328	332	198	202	213	216	236	242	277	289
	3	40	107	211	270	303	223	245	314	315	206	224	218	237	237	260	280	311
	1	42	23	105	251	279	47	114	292	301	35	35	46	46	66	66	128	128
	2	42	100	196	278	314	197	224	317	325	173	174	186	186	209	209	257	260
	3	42	91	195	262	296	205	232	309	311	183	198	205	214	222	236	267	287
	1	44	9	63	229	260	12	63	283	286	3	3	3	3	4	4	33	33
	2	44	81	181	265	310	173	213	312	319	145	145	158	158	181	181	235	235
	3	44	78	182	258	294	187	216	307	309	161	170	174	183	209	215	254	264

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(4)

City	Port Hedland	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	72	174	293	331	151	199	341	345	122	122	137	137	153	153	205	205
(96)	2	40	142	248	321	350	231	272	356	357	223	229	235	241	258	266	311	318
	3	40	131	243	306	338	232	270	351	351	217	246	228	262	259	295	316	350
	1	42	48	124	276	314	86	136	334	336	54	54	61	61	87	87	149	149
	2	42	118	236	314	348	202	256	352	356	190	191	202	205	232	232	293	298
	3	42	118	231	296	333	221	262	348	349	206	217	213	231	241	265	303	322
	1	44	23	86	254	297	26	87	317	324	6	6	9	9	12	12	62	62
	2	44	101	213	302	342	186	234	350	353	162	162	176	176	194	194	262	262
	3	44	109	218	289	331	204	241	345	348	186	193	200	205	220	231	283	297
2070	1	40	39	140	253	288	131	184	302	305	115	115	119	119	140	140	186	186
(97)	2	40	111	218	279	321	214	238	332	336	196	200	215	219	238	243	280	283
	3	40	107	214	264	298	225	242	320	320	211	235	229	250	247	261	287	315
	1	42	22	92	242	273	61	113	292	295	54	54	68	68	84	84	130	130
	2	42	87	206	274	315	193	228	324	328	169	169	179	180	208	210	261	262
	3	42	95	203	259	293	209	234	312	313	185	195	201	219	238	250	277	286
	1	44	15	54	228	258	15	54	273	279	1	1	1	1	5	5	45	45
	2	44	71	178	268	303	165	212	315	321	146	146	160	160	175	175	237	237
	3	44	71	192	255	288	189	223	310	312	169	172	183	186	214	223	264	268
2070	1	40	76	188	298	312	151	210	321	321	114	114	132	132	158	158	212	212
(98)	2	40	155	257	311	326	238	283	333	333	223	230	237	244	255	262	296	312
	3	40	142	249	299	318	246	278	325	326	225	249	244	262	261	289	300	326
	1	42	46	129	287	309	75	141	317	318	47	47	57	57	84	84	151	151
	2	42	125	243	307	320	215	265	331	331	200	200	212	212	232	236	278	280
	3	42	123	240	298	313	232	271	324	325	211	224	219	230	252	262	290	316
	1	44	22	88	268	301	28	89	307	313	7	7	7	7	15	15	60	60
	2	44	99	218	304	317	197	242	326	326	169	170	184	184	206	206	254	255
	3	44	103	226	295	312	216	257	323	324	194	198	206	212	232	237	277	288
2070	1	40	30	117	274	319	116	151	330	335	106	106	116	116	133	133	177	177
(99)	2	40	89	219	310	343	205	252	345	348	192	197	201	208	227	235	282	296
	3	40	75	203	284	318	215	247	336	337	198	219	217	239	239	265	296	332
	1	42	15	71	252	303	58	91	315	324	52	52	62	62	78	78	119	119
	2	42	66	188	303	338	177	223	343	345	170	170	176	177	197	202	258	264
	3	42	65	190	278	315	198	232	334	334	184	193	192	205	224	240	281	308
	1	44	4	37	235	281	8	37	294	302	1	1	6	6	14	14	52	52
	2	44	46	163	291	333	155	195	340	344	150	150	157	157	166	166	223	223
	3	44	52	178	269	312	179	221	333	333	167	168	180	183	204	212	263	271
2070	1	40	34	101	270	302	127	153	307	313	115	115	125	125	139	139	187	187
(00)	2	40	78	192	294	324	207	229	327	331	198	201	209	213	225	233	262	272
	3	40	69	184	274	305	216	236	320	322	207	219	220	234	238	253	270	313
	1	42	23	66	239	290	52	83	295	301	38	38	52	52	74	74	134	134
	2	42	65	167	285	318	194	212	322	325	177	177	182	183	203	204	248	251
	3	42	54	172	267	298	200	220	316	318	192	200	203	212	223	234	265	283
	1	44	19	41	207	276	21	42	271	281	2	2	3	3	6	6	40	40
	2	44	48	141	282	314	166	189	317	322	158	158	166	166	181	181	223	223
	3	44	48	155	264	297	184	206	313	313	176	179	184	188	209	215	254	259
2070	1	40	37	121	271	318	91	138	318	325	77	77	85	85	106	106	159	159
(01)	2	40	77	197	307	341	183	223	340	346	177	178	189	193	218	226	252	275
	3	40	72	192	278	313	207	235	330	330	190	211	200	225	225	245	262	321
	1	42	21	68	240	301	43	80	305	313	27	27	35	35	56	56	94	94
	2	42	65	170	296	336	164	201	329	340	156	156	164	164	184	185	240	243
	3	42	58	178	271	310	182	214	325	327	172	181	182	191	208	224	249	283
	1	44	11	43	212	278	13	43	278	298	2	2	4	4	6	6	29	29
	2	44	50	152	283	327	134	178	327	334	122	122	137	137	157	157	219	219
	3	44	47	148	261	305	164	197	320	323	152	154	165	169	188	193	239	248

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(4a)

City	Port Hedland	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	102	231	287	324	154	233	309	309	108	129	119	149	143	178	195	195
(90)	2	40	201	288	305	344	221	287	339	339	188	281	205	298	233	334	269	269
	3	40	183	273	288	320	222	279	326	326	202	314	216	328	230	351	281	281
	1	42	73	198	277	313	94	199	300	300	36	37	48	50	74	79	146	146
	2	42	172	272	298	342	205	269	329	329	170	236	180	252	203	289	250	250
	3	42	167	263	284	317	214	266	322	322	179	282	195	303	220	336	270	270
	1	44	40	153	264	295	42	153	287	286	2	2	2	2	5	5	61	61
	2	44	147	255	296	335	193	252	325	325	149	206	160	217	178	239	230	230
	3	44	143	254	280	317	201	257	318	318	162	253	176	270	207	309	253	253
2070	1	40	94	214	298	343	157	213	339	339	117	132	129	145	154	179	205	205
(91)	2	40	174	292	325	353	227	298	354	354	218	300	228	327	242	353	285	285
	3	40	156	270	297	344	231	286	346	346	220	339	229	350	248	361	292	292
	1	42	53	183	279	334	96	182	327	327	63	63	71	71	89	90	148	148
	2	42	151	268	323	350	211	276	351	351	191	239	204	253	222	307	265	265
	3	42	142	253	292	339	219	264	345	345	202	295	219	325	231	352	273	273
	1	44	24	127	252	318	28	128	304	302	6	6	9	9	15	15	70	70
	2	44	120	238	317	349	193	242	346	346	160	195	173	212	202	241	238	238
	3	44	115	244	280	337	205	258	340	340	181	254	196	271	219	328	264	264
2070	1	40	72	201	284	335	126	195	330	330	98	105	113	122	133	149	188	188
(92)	2	40	143	274	313	352	217	279	350	350	202	277	208	309	229	342	275	275
	3	40	132	258	284	339	216	267	346	346	200	323	208	344	230	359	284	284
	1	42	40	149	262	322	51	150	300	300	20	20	30	30	50	50	126	126
	2	42	119	256	307	345	195	258	345	345	179	227	189	241	205	286	252	252
	3	42	116	244	277	334	202	252	339	339	182	273	193	303	217	347	265	265
	1	44	19	103	242	302	19	103	277	277	1	1	2	2	5	5	36	36
	2	44	101	237	299	339	169	233	340	340	148	178	164	194	187	229	229	229
	3	44	102	234	266	324	186	243	333	333	167	241	178	255	198	309	245	245
2070	1	40	79	196	267	309	137	197	307	307	98	108	116	127	136	157	190	190
(93)	2	40	156	259	286	332	211	270	323	323	197	269	208	289	223	319	270	270
	3	40	144	244	265	313	217	260	321	321	201	299	212	318	232	344	279	279
	1	42	47	159	248	293	85	162	291	291	53	53	59	59	77	80	135	135
	2	42	141	237	283	326	197	247	320	320	177	219	188	238	208	275	246	246
	3	42	124	236	260	311	203	249	314	314	185	264	197	281	217	321	262	262
	1	44	22	127	229	279	23	127	278	278	3	3	3	3	8	8	63	63
	2	44	119	217	279	316	172	223	317	317	145	184	162	201	183	217	224	224
	3	44	112	220	254	307	194	236	309	309	172	232	183	252	204	284	247	247
2070	1	40	114	239	301	341	170	243	322	322	107	125	115	137	144	176	187	187
(94)	2	40	197	296	330	359	222	300	341	341	185	297	196	317	211	346	258	258
	3	40	174	288	306	342	213	293	334	334	191	327	194	344	217	361	271	271
	1	42	66	206	288	334	96	211	308	308	50	50	59	60	79	83	145	145
	2	42	171	280	323	354	208	286	338	338	170	249	179	274	195	301	244	244
	3	42	158	279	304	339	206	284	332	332	182	300	189	311	208	345	251	251
	1	44	39	163	277	321	40	163	295	293	5	5	6	6	15	15	55	55
	2	44	146	270	316	350	190	276	332	331	141	197	158	220	177	252	217	217
	3	44	142	260	300	336	199	267	328	328	165	267	182	286	193	321	243	243
2070	1	40	65	196	260	314	133	213	303	303	101	104	115	121	134	156	193	193
(95)	2	40	141	257	301	340	220	265	328	328	198	271	213	291	236	328	277	277
	3	40	129	249	274	318	228	268	314	314	206	310	218	323	237	347	280	280
	1	42	32	162	256	305	54	168	292	292	35	35	46	46	66	67	128	128
	2	42	120	247	284	334	206	257	317	317	173	229	186	247	209	274	257	257
	3	42	119	241	272	314	213	256	309	309	183	285	205	297	222	324	267	267
	1	44	15	118	247	284	18	118	284	282	3	3	3	3	4	4	33	33
	2	44	100	228	278	325	182	240	312	312	145	191	158	208	181	228	235	235
	3	44	98	228	266	311	192	243	307	307	161	247	174	262	209	301	254	254

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(4a)

City	Port Hedland	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	92	236	297	348	161	244	341	341	122	131	137	151	153	173	205	205
(96)	2	40	165	291	330	357	234	307	356	356	223	313	235	332	258	355	311	311
	3	40	158	282	315	348	238	304	351	351	217	347	228	355	259	365	316	316
	1	42	64	194	284	334	99	195	334	334	54	55	61	62	87	89	149	149
	2	42	143	274	322	356	215	286	352	352	190	259	202	276	232	318	293	293
	3	42	138	275	310	344	224	294	348	348	206	318	213	338	241	355	303	303
	1	44	38	142	268	319	40	142	317	317	6	6	9	9	12	12	62	62
	2	44	118	255	313	351	190	266	350	350	162	199	176	217	194	258	262	262
	3	44	123	267	301	339	209	281	345	345	186	284	200	302	220	337	283	283
2070	1	40	56	206	262	315	140	215	302	302	115	122	119	129	140	155	186	186
(97)	2	40	133	254	287	335	220	264	332	332	196	267	215	290	238	328	280	280
	3	40	137	246	264	314	228	262	320	320	211	310	229	331	247	356	287	287
	1	42	29	153	249	293	64	163	292	292	54	54	68	69	84	87	130	130
	2	42	112	243	282	330	201	250	324	324	169	233	179	240	208	278	261	261
	3	42	115	236	264	307	214	248	312	312	185	270	201	293	238	333	277	277
	1	44	17	109	236	277	17	109	273	273	1	1	1	1	5	5	45	45
	2	44	87	228	274	325	175	234	315	315	146	191	160	206	175	230	237	237
	3	44	101	229	260	304	202	244	310	310	169	243	183	258	214	297	264	264
2070	1	40	90	244	302	320	154	255	321	321	114	121	132	140	158	179	212	212
(98)	2	40	178	297	311	333	245	307	333	333	223	309	237	316	255	331	296	296
	3	40	174	284	303	325	250	298	325	325	225	321	244	328	261	345	300	300
	1	42	60	200	294	316	87	201	317	317	47	47	57	57	84	86	151	151
	2	42	158	284	311	332	221	292	331	331	200	272	212	289	232	311	278	278
	3	42	157	282	301	324	239	296	324	324	211	307	219	316	252	330	290	290
	1	44	28	153	277	310	33	154	307	307	7	7	7	7	15	15	60	60
	2	44	125	269	307	329	205	280	326	326	169	207	184	225	206	271	254	254
	3	44	136	271	299	322	219	285	323	323	194	285	206	300	232	316	277	277
2070	1	40	38	188	283	338	119	199	330	330	106	107	116	119	133	141	177	177
(99)	2	40	111	272	316	354	211	283	345	345	192	288	201	311	227	350	282	282
	3	40	106	267	287	342	216	285	336	336	198	327	217	353	239	364	296	296
	1	42	20	133	264	325	60	138	315	315	52	52	62	62	78	78	119	119
	2	42	88	252	311	349	182	262	343	343	170	231	176	255	197	293	258	258
	3	42	89	253	285	341	202	268	334	334	184	292	192	312	224	354	281	281
	1	44	10	85	244	309	12	85	294	294	1	1	6	6	14	14	52	52
	2	44	65	232	303	348	159	242	340	340	150	174	157	190	166	227	223	223
	3	44	69	236	283	327	184	251	333	333	167	252	180	279	204	319	263	263
2070	1	40	42	166	278	318	129	189	307	307	115	123	125	133	139	150	187	187
(00)	2	40	97	267	302	340	208	273	327	327	198	274	209	292	225	332	262	262
	3	40	90	253	282	320	218	264	320	320	207	312	220	329	238	358	270	270
	1	42	27	119	258	306	55	129	295	295	38	38	52	54	74	74	134	134
	2	42	78	235	294	336	195	247	322	322	177	214	182	230	203	281	248	248
	3	42	75	239	276	314	203	257	316	316	192	278	203	295	223	337	265	265
	1	44	21	75	227	294	23	75	271	271	2	2	3	3	6	6	40	40
	2	44	64	209	285	328	171	220	317	317	158	185	166	191	181	215	223	223
	3	44	62	220	272	313	188	241	313	313	176	241	184	261	209	302	254	254
2070	1	40	48	170	278	336	99	178	318	318	77	83	85	91	106	114	159	159
(01)	2	40	111	262	318	347	192	270	340	340	177	283	189	309	218	340	252	252
	3	40	100	242	287	336	212	258	330	330	190	323	200	342	225	354	262	262
	1	42	25	128	256	321	47	132	305	305	27	27	35	35	56	56	94	94
	2	42	78	237	310	346	169	242	329	329	156	207	164	230	184	293	240	240
	3	42	85	226	283	327	189	243	325	325	172	284	182	305	208	346	249	249
	1	44	15	74	228	306	16	74	278	278	2	2	4	4	6	6	29	29
	2	44	65	214	296	342	139	222	327	327	122	148	137	174	157	209	219	219
	3	44	66	214	276	320	169	227	320	320	152	232	165	261	188	309	239	239

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(5)

City	Port Hedland	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		14	147	231		14	209	234								
(90)	2	40	8	34	208	268	8	34	249	271								
	3	40	4	19	209	246	4	19	245	254								
	1	42		7	105	199		7	180	216								
	2	42	7	27	203	263	7	27	238	267								
	3	42	3	18	200	244	3	18	242	252								
	1	44		2	71	154		2	141	185								
	2	44	4	21	181	248	4	21	228	253								
	3	44	3	12	192	240	3	12	232	245								
2070	1	40	1	4	135	212	1	4	209	227								
(91)	2	40	3	20	197	257	3	20	244	268								
	3	40		9	192	237		9	246	254								
	1	42		2	90	180		2	181	201								
	2	42	2	12	183	249	2	12	239	263								
	3	42		6	176	230		6	236	247								
	1	44		2	52	122		2	141	172								
	2	44	2	8	167	231	2	8	227	246								
	3	44		4	163	226		4	232	245								
2070	1	40		1	91	196		1	195	214								
(92)	2	40		14	168	248		14	237	254								
	3	40		6	167	228		6	235	239								
	1	42			64	149			162	183								
	2	42		11	147	237		11	226	246								
	3	42		6	153	225		6	227	236								
	1	44			35	102			113	142								
	2	44		8	128	224		8	215	235								
	3	44		5	141	219		5	219	229								
2070	1	40	1	7	125	193	1	7	194	209								
(93)	2	40	3	19	180	232	3	19	239	248								
	3	40	1	11	172	211	1	11	232	232								
	1	42	1	3	82	161	1	3	161	183								
	2	42	2	13	169	226	2	13	228	239								
	3	42		8	161	208		8	226	228								
	1	44		1	45	125		1	123	159								
	2	44	1	11	161	212	1	11	216	230								
	3	44		6	153	203		6	217	222								
2070	1	40	1	12	149	236	1	12	203	245								
(94)	2	40	8	31	224	278	8	31	258	287								
	3	40	1	23	211	259	1	23	254	269								
	1	42		5	109	207		5	179	220								
	2	42	5	22	204	277	5	22	247	283								
	3	42	1	18	192	258	1	18	244	266								
	1	44		1	61	159		1	138	187								
	2	44	2	17	181	269	2	17	225	276								
	3	44		14	185	254		14	239	262								
2070	1	40		2	100	196		2	205	225								
(95)	2	40		12	177	247		12	250	258								
	3	40		7	166	222		7	244	246								
	1	42			54	160			170	206								
	2	42		5	160	245		5	238	253								
	3	42		5	155	219		5	235	238								
	1	44			26	115			116	165								
	2	44		5	135	227		5	226	247								
	3	44		5	144	217		5	227	235								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(5)

City	Port Hedland	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	10	121	236	1	10	213	251								
(96)	2	40	6	28	203	274	6	28	280	287								
	3	40	2	21	196	262	2	21	279	281								
	1	42	1	5	85	192	1	5	181	216								
	2	42	4	21	185	268	4	21	265	280								
	3	42	2	17	186	257	2	17	268	273								
	1	44		1	53	135		1	141	174								
	2	44	1	13	157	253	1	13	246	268								
	3	44	1	11	171	251	1	11	254	267								
2070	1	40	2	4	95	204	2	4	208	225								
(97)	2	40	3	15	173	239	3	15	244	247								
	3	40	3	9	176	225	3	9	240	243								
	1	42		3	52	153		3	164	202								
	2	42	2	13	159	235	2	13	238	245								
	3	42	2	8	161	218	2	8	235	237								
	1	44		2	27	105		2	123	165								
	2	44	2	7	129	224	2	7	231	237								
	3	44	2	5	146	218	2	5	231	235								
2070	1	40	1	6	123	242	1	6	232	266								
(98)	2	40	4	24	204	285	4	24	280	295								
	3	40	4	15	201	265	4	15	273	282								
	1	42	1	4	86	195	1	4	193	226								
	2	42	4	16	193	275	4	16	273	291								
	3	42	3	12	189	260	3	12	271	277								
	1	44	1	1	51	141	1	1	135	177								
	2	44	2	10	168	267	2	10	255	282								
	3	44	2	9	179	257	2	9	264	276								
2070	1	40		1	65	187		1	195	226								
(99)	2	40		9	155	250		9	254	266								
	3	40		5	156	228		5	243	249								
	1	42			38	132			153	181								
	2	42		4	129	240		4	241	260								
	3	42		2	140	218		2	236	243								
	1	44			17	82			109	132								
	2	44		2	100	231		2	221	254								
	3	44		1	117	212		1	230	239								
2070	1	40	2	6	63	165	2	6	202	215								
(00)	2	40	5	19	139	238	5	19	252	259								
	3	40	2	14	135	215	2	14	248	252								
	1	42		4	37	117		4	166	182								
	2	42	4	19	118	224	4	19	243	250								
	3	42	2	9	114	200	2	9	242	246								
	1	44		3	25	73		3	116	139								
	2	44	3	15	96	201	3	15	229	240								
	3	44	2	9	98	190	2	9	234	239								
2070	1	40		3	60	169		3	177	202								
(01)	2	40	1	13	144	237	1	13	236	259								
	3	40		10	126	208		10	235	242								
	1	42			43	126			135	167								
	2	42		8	126	227		8	223	247								
	3	42		8	117	207		8	222	232								
	1	44			23	76			85	111								
	2	44		5	102	210		5	208	231								
	3	44		4	108	202		4	216	225								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(5a)

City	Port Hedland	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	27	167	263	3	27	210	207								
(90)	2	40	12	63	225	283	12	63	249	249								
	3	40	6	51	223	263	6	51	246	245								
	1	42		14	116	236		14	183	172								
	2	42	9	50	208	277	9	50	238	237								
	3	42	4	42	216	256	4	42	244	241								
	1	44		8	80	202		8	145	123								
	2	44	7	41	202	270	7	41	229	227								
	3	44	4	33	204	252	4	33	234	231								
2070	1	40	2	12	152	249	2	12	211	208								
(91)	2	40	4	44	210	290	4	44	246	244								
	3	40		34	208	252		34	247	246								
	1	42		4	102	215		4	184	178								
	2	42	3	34	198	278	3	34	240	239								
	3	42		29	201	249		29	238	236								
	1	44		3	64	189		3	147	126								
	2	44	2	24	182	269	2	24	229	226								
	3	44		21	180	246		21	232	232								
2070	1	40		11	106	235		11	197	192								
(92)	2	40		38	190	267		38	238	236								
	3	40		27	190	240		27	235	235								
	1	42		2	78	208		2	166	157								
	2	42		32	167	258		32	227	226								
	3	42		14	175	237		14	229	226								
	1	44			47	158			117	104								
	2	44		19	145	253		19	217	214								
	3	44		13	158	236		13	220	218								
2070	1	40	1	13	144	225	1	13	198	193								
(93)	2	40	5	43	190	253	5	43	239	239								
	3	40	3	25	183	236	3	25	232	232								
	1	42	1	8	101	202	1	8	164	159								
	2	42	3	35	180	249	3	35	229	228								
	3	42	2	21	175	230	2	21	226	226								
	1	44		3	55	167		3	126	116								
	2	44	2	23	167	240	2	23	216	215								
	3	44		17	167	224		17	217	217								
2070	1	40	1	22	167	277	1	22	212	199								
(94)	2	40	11	63	237	294	11	63	260	254								
	3	40	4	49	225	278	4	49	256	254								
	1	42		14	128	245		14	183	167								
	2	42	8	49	222	287	8	49	249	242								
	3	42	3	34	220	270	3	34	245	242								
	1	44		8	83	215		8	151	121								
	2	44	5	39	201	282	5	39	231	221								
	3	44	1	29	204	264	1	29	241	234								
2070	1	40		5	120	244		5	211	203								
(95)	2	40	2	31	193	257	2	31	252	250								
	3	40	1	25	183	245	1	25	244	244								
	1	42		2	76	207		2	173	165								
	2	42		22	176	257		22	238	237								
	3	42	1	18	174	237	1	18	235	234								
	1	44			36	171			122	105								
	2	44		15	156	250		15	231	225								
	3	44		12	158	235		12	228	226								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(5a)

City	Port Hedland	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	21	142	268	1	21	219	211								
(96)	2	40	8	65	225	292	8	65	280	279								
	3	40	4	49	218	279	4	49	279	279								
	1	42	1	11	102	243	1	11	186	175								
	2	42	6	51	207	285	6	51	267	263								
	3	42	2	36	207	271	2	36	269	268								
	1	44	1	6	68	202	1	6	145	126								
	2	44	4	39	182	279	4	39	248	246								
	3	44	2	36	190	269	2	36	257	253								
2070	1	40	2	13	114	235	2	13	210	204								
(97)	2	40	3	29	198	252	3	29	244	244								
	3	40	4	26	192	238	4	26	240	240								
	1	42	1	5	67	214	1	5	168	158								
	2	42	3	23	172	249	3	23	238	238								
	3	42	4	19	183	232	4	19	235	235								
	1	44		3	32	161		3	125	118								
	2	44	2	17	152	243	2	17	231	231								
	3	44	2	14	167	229	2	14	231	231								
2070	1	40	1	16	150	275	1	16	235	227								
(98)	2	40	6	60	233	298	6	60	282	279								
	3	40	5	50	224	283	5	50	276	273								
	1	42	1	7	97	251	1	7	195	183								
	2	42	4	46	208	294	4	46	273	272								
	3	42	4	35	212	280	4	35	272	269								
	1	44	1	4	66	204	1	4	141	126								
	2	44	4	30	192	288	4	30	258	252								
	3	44	4	30	196	276	4	30	268	262								
2070	1	40		4	86	240		4	198	191								
(99)	2	40	1	22	178	275	1	22	255	253								
	3	40		18	181	254		18	243	242								
	1	42		2	45	202		2	153	144								
	2	42		15	154	265		15	241	240								
	3	42		13	164	248		13	237	236								
	1	44			28	150			111	106								
	2	44		10	129	258		10	224	221								
	3	44		10	141	238		10	230	230								
2070	1	40	3	19	79	224	3	19	204	195								
(00)	2	40	6	28	164	270	6	28	252	250								
	3	40	3	22	162	247	3	22	248	248								
	1	42	1	8	47	180	1	8	170	161								
	2	42	5	25	141	262	5	25	244	241								
	3	42	2	19	140	237	2	19	243	242								
	1	44		5	30	129		5	119	109								
	2	44	4	22	113	245	4	22	230	227								
	3	44	2	16	120	228	2	16	235	232								
2070	1	40		8	76	227		8	180	175								
(01)	2	40	2	23	166	273	2	23	236	236								
	3	40		20	150	235		20	235	235								
	1	42		4	47	186		4	137	129								
	2	42	1	19	147	259	1	19	224	222								
	3	42		16	139	224		16	222	222								
	1	44		1	31	138		1	87	80								
	2	44		15	125	246		15	210	206								
	3	44		15	119	219		15	216	215								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(6)

City	Port Hedland	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	18	62	226	276	18	62	263	281							6	6
(90)	2	40	52	130	267	294	58	130	297	303	23	23	33	33	53	53	127	127
	3	40	32	113	248	275	69	132	290	291	36	36	44	44	70	70	146	146
	1	42	11	37	204	264	11	37	238	267								
	2	42	36	95	261	290	40	95	290	298	3	3	9	9	14	14	88	88
	3	42	24	95	245	269	43	106	284	289	14	14	19	19	40	40	121	121
	1	44	4	22	162	236	4	22	219	242								
	2	44	27	79	245	283	29	81	285	293	1	1	2	2	2	2	34	34
	3	44	18	78	242	267	24	84	280	285	6	6	10	10	16	16	90	90
2070	1	40	5	41	213	274	5	41	267	293							4	4
(91)	2	40	39	100	262	308	71	119	318	324	48	48	58	58	71	71	131	131
	3	40	21	93	236	273	82	129	300	306	68	68	74	74	89	89	149	149
	1	42	3	23	183	250	3	23	239	263								
	2	42	26	83	250	301	32	84	312	319	14	14	28	28	35	35	97	97
	3	42	17	79	230	267	61	106	295	301	42	42	54	54	74	74	121	121
	1	44	2	9	146	216	2	9	216	232								
	2	44	12	62	230	292	15	64	295	311			1	1	6	6	51	51
	3	44	9	70	226	264	30	80	281	287	19	19	35	35	50	50	102	102
2070	1	40	2	36	191	257	2	36	258	273							4	4
(92)	2	40	19	83	249	292	28	85	296	311	16	16	20	20	28	28	102	102
	3	40	13	75	228	260	30	81	275	279	13	13	26	26	47	47	121	121
	1	42		17	149	238		17	227	247								
	2	42	14	71	238	279	17	71	283	299	3	3	7	7	16	16	59	59
	3	42	8	66	223	257	16	70	272	276	2	2	8	8	23	23	91	91
	1	44		9	103	206		9	200	220								
	2	44	11	56	224	272	11	56	275	290					1	1	21	21
	3	44	6	54	217	250	10	56	267	270	1	1	1	1	6	6	62	62
2070	1	40	8	43	191	245	8	43	254	265							3	3
(93)	2	40	29	103	232	276	50	109	289	293	36	36	42	42	61	61	118	118
	3	40	17	92	211	252	62	113	274	277	46	46	56	56	81	81	130	130
	1	42	4	22	169	227	4	22	228	239								
	2	42	21	84	225	266	27	86	283	286	5	5	11	11	22	22	80	80
	3	42	14	75	204	246	42	94	264	268	23	23	32	32	56	56	114	114
	1	44	1	11	138	201	1	11	203	220								
	2	44	13	64	207	259	14	64	271	280	1	1	1	1	4	4	35	35
	3	44	9	56	200	239	18	63	260	263	5	5	14	14	29	29	99	99
2070	1	40	15	59	237	286	15	59	269	294							3	3
(94)	2	40	48	138	279	312	65	142	304	316	32	32	38	38	58	58	129	129
	3	40	28	123	260	291	73	141	294	301	40	40	52	52	78	78	152	152
	1	42	9	37	204	277	9	37	248	284								
	2	42	36	116	278	303	44	120	300	311	11	11	17	17	26	26	89	89
	3	42	25	106	257	286	57	122	290	296	27	27	34	34	51	51	121	121
	1	44	2	17	155	244	2	17	211	253								
	2	44	22	94	261	296	23	94	289	302	1	1	2	2	6	6	41	41
	3	44	20	89	254	282	33	96	284	292	10	10	19	19	32	32	94	94
2070	1	40	4	30	195	255	4	30	267	273							1	1
(95)	2	40	16	95	248	275	31	99	290	296	18	18	28	28	45	45	109	109
	3	40	12	84	223	260	45	102	285	287	38	38	49	49	67	67	123	123
	1	42	1	15	160	246	1	15	239	255								
	2	42	13	76	239	264	15	75	285	287	3	3	5	5	15	15	59	59
	3	42	9	74	222	255	24	83	281	284	13	13	22	22	41	41	97	97
	1	44		5	111	206		5	216	235								
	2	44	5	52	221	257	6	52	279	282			1	1	3	3	18	18
	3	44	5	65	217	253	9	65	274	279	3	3	5	5	18	18	78	78

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(6)

City	Port Hedland	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	11	60	225	281	11	60	299	307							5	5
(96)	2	40	44	114	273	307	70	123	327	331	37	37	41	41	62	62	133	133
	3	40	28	106	260	289	79	128	323	326	48	48	62	62	86	86	146	146
	1	42	7	35	185	268	7	35	267	282								
	2	42	29	97	266	300	39	100	319	326	9	9	16	16	30	30	92	92
	3	42	22	97	251	285	48	110	313	316	27	27	37	37	59	59	126	126
	1	44	2	14	131	241	2	14	222	255								
	2	44	21	79	248	295	22	80	314	322	3	3	3	3	6	6	41	41
	3	44	19	77	249	281	32	84	308	311	14	14	15	15	26	26	102	102
2070	1	40	5	26	198	245	5	26	256	260								
(97)	2	40	19	81	238	270	37	91	286	292	28	28	36	36	60	60	117	117
	3	40	14	74	228	256	58	103	278	280	53	53	63	63	84	84	136	136
	1	42	3	16	159	235	3	16	238	245								
	2	42	16	64	232	266	20	65	278	282	3	3	7	7	15	15	79	79
	3	42	13	63	221	249	32	75	273	274	27	27	39	39	56	56	115	115
	1	44	2	8	108	214	2	8	215	232								
	2	44	13	50	223	254	13	50	271	275					1	1	26	26
	3	44	9	51	219	247	13	57	268	270	6	6	15	15	27	27	93	93
2070	1	40	8	59	233	290	8	59	289	300							9	9
(98)	2	40	37	114	282	305	59	123	313	316	31	31	39	39	53	53	124	124
	3	40	26	104	264	294	70	126	306	308	49	49	61	61	88	88	156	156
	1	42	4	27	193	275	4	27	273	291								
	2	42	25	96	273	303	37	98	310	314	10	10	16	16	26	26	85	85
	3	42	17	91	259	291	42	103	301	305	27	27	34	34	57	57	127	127
	1	44	3	10	133	246	3	10	244	271								
	2	44	16	84	260	299	21	85	303	310	4	4	5	5	8	8	41	41
	3	44	14	75	256	287	33	83	298	303	16	16	19	19	31	31	99	99
2070	1	40	2	20	181	263	2	20	273	282							6	6
(99)	2	40	13	60	248	299	43	72	311	321	34	34	44	44	59	59	105	105
	3	40	9	56	227	271	55	82	298	301	53	53	66	66	84	84	126	126
	1	42	1	9	129	240	1	9	241	260								
	2	42	9	43	239	289	17	44	300	309	9	9	15	15	25	25	76	76
	3	42	8	41	219	266	32	58	290	296	31	31	42	42	58	58	105	105
	1	44		3	79	197		3	207	236								
	2	44	4	35	223	277	5	35	289	297			1	1	5	5	37	37
	3	44	4	34	215	263	17	41	282	288	15	15	22	22	33	33	84	84
2070	1	40	11	27	165	254	11	27	257	268								
(00)	2	40	22	58	235	285	34	64	291	297	20	20	26	26	46	46	110	110
	3	40	16	51	213	263	50	74	278	280	32	32	45	45	78	78	140	140
	1	42	5	21	118	224	5	21	244	251								
	2	42	20	45	222	281	24	47	279	290	5	5	8	8	12	12	66	66
	3	42	16	46	201	258	31	54	270	274	17	17	26	26	44	44	115	115
	1	44	4	17	72	176	4	17	213	225								
	2	44	19	35	196	271	19	35	263	277	1	1	1	1	1	1	23	23
	3	44	13	35	190	255	19	38	259	267	6	6	10	10	17	17	83	83
2070	1	40	5	22	167	255	6	22	250	281							3	3
(01)	2	40	21	59	233	292	29	61	300	309	15	15	21	21	35	35	80	80
	3	40	14	51	210	263	39	67	276	285	29	29	40	40	55	55	97	97
	1	42	2	15	126	227	2	15	226	250								
	2	42	14	45	224	281	17	46	287	301	5	5	6	6	9	9	57	57
	3	42	10	39	206	250	21	46	272	274	12	12	19	19	34	34	76	76
	1	44		6	72	183		6	196	218								
	2	44	8	39	206	274	9	39	273	296	1	1	2	2	3	3	15	15
	3	44	9	29	198	247	13	32	264	273	4	4	10	10	15	15	60	60

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(6a)

City	Port Hedland	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	23	95	238	290	23	95	265	263							6	6
(90)	2	40	64	195	274	307	70	191	297	297	23	23	33	34	53	56	127	127
	3	40	43	188	253	295	75	189	290	290	36	38	44	48	70	80	146	146
	1	42	14	67	209	279	14	67	238	237								
	2	42	45	170	267	298	47	170	290	290	3	3	9	9	14	14	88	88
	3	42	33	173	251	285	50	174	284	284	14	14	19	20	40	42	121	121
	1	44	7	44	180	265	7	44	220	217								
	2	44	35	141	260	294	37	141	286	285	1	1	2	2	2	2	34	34
	3	44	29	149	247	281	34	150	280	280	6	6	10	10	16	17	90	90
2070	1	40	9	79	219	299	9	79	268	266							4	4
(91)	2	40	47	172	277	328	78	170	318	318	48	48	58	58	71	71	131	131
	3	40	30	161	245	300	89	165	300	300	68	68	74	74	89	94	149	149
	1	42	4	49	198	283	4	49	240	239								
	2	42	35	141	262	320	41	140	313	311	14	14	28	28	35	35	97	97
	3	42	24	145	241	295	67	150	295	295	42	42	54	54	74	74	121	121
	1	44	2	30	161	255	2	30	218	215								
	2	44	22	111	247	316	25	111	298	295			1	1	6	6	51	51
	3	44	20	127	230	287	39	127	282	281	19	19	35	35	50	50	102	102
2070	1	40	10	71	213	279	10	71	259	258							4	4
(92)	2	40	33	137	257	317	40	137	296	296	16	16	20	20	28	29	102	102
	3	40	16	135	234	286	34	139	275	275	13	13	26	26	47	48	121	121
	1	42	1	45	169	260	1	45	228	227								
	2	42	20	121	248	306	22	121	284	283	3	3	7	7	16	16	59	59
	3	42	14	123	229	279	21	125	272	272	2	2	8	8	23	24	91	91
	1	44		19	127	245		19	204	199								
	2	44	14	99	238	301	14	99	275	275					1	1	21	21
	3	44	8	109	225	269	13	111	267	267	1	1	1	1	6	6	62	62
2070	1	40	11	86	203	266	11	86	255	254							3	3
(93)	2	40	40	149	244	289	57	151	289	289	36	37	42	42	61	61	118	118
	3	40	21	147	220	269	67	152	274	274	46	46	56	56	81	85	130	130
	1	42	7	46	180	250	7	46	229	228								
	2	42	27	139	233	281	33	139	283	283	5	5	11	11	22	22	80	80
	3	42	17	128	213	260	44	135	264	264	23	24	32	32	56	56	114	114
	1	44	3	26	157	230	3	26	207	202								
	2	44	20	118	225	276	21	118	271	271	1	1	1	1	4	4	35	35
	3	44	15	113	209	253	25	116	260	260	5	5	14	14	29	29	99	99
2070	1	40	19	116	248	303	19	116	272	269							3	3
(94)	2	40	58	195	284	330	74	195	304	304	32	32	38	38	58	60	129	129
	3	40	36	180	260	306	80	188	294	294	40	41	52	53	78	81	152	152
	1	42	12	74	222	291	12	74	250	243								
	2	42	47	172	279	328	55	172	300	299	11	11	17	17	26	26	89	89
	3	42	31	169	260	305	61	173	290	290	27	27	34	34	51	53	121	121
	1	44	6	42	178	278	6	42	217	207								
	2	44	33	146	277	316	34	146	293	289	1	1	2	2	6	6	41	41
	3	44	26	151	259	300	38	152	285	284	10	10	19	19	32	32	94	94
2070	1	40	5	75	212	264	5	75	268	266							1	1
(95)	2	40	27	152	254	301	39	154	290	290	18	18	28	28	45	45	109	109
	3	40	18	138	232	279	52	150	285	285	38	38	49	49	67	69	123	123
	1	42	2	36	176	257	2	36	239	238								
	2	42	17	132	247	287	19	131	286	285	3	3	5	5	15	15	59	59
	3	42	13	125	227	274	28	130	281	281	13	13	22	22	41	41	97	97
	1	44		15	133	246		15	219	214								
	2	44	12	109	239	280	13	109	280	279			1	1	3	3	18	18
	3	44	10	111	221	270	13	111	274	274	3	3	5	5	18	18	78	78

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(6a)

City	Port Hedland	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	16	99	243	300	16	99	299	299							5	5
(96)	2	40	53	181	280	331	78	183	327	327	37	37	41	42	62	62	133	133
	3	40	38	171	268	316	87	178	323	323	48	48	62	63	86	95	146	146
	1	42	10	68	207	286	10	68	269	266								
	2	42	45	156	273	324	52	156	319	319	9	9	16	16	30	30	92	92
	3	42	36	149	266	311	60	154	313	313	27	27	37	37	59	61	126	126
	1	44	5	44	156	272	5	44	224	220								
	2	44	29	129	266	316	30	129	314	314	3	3	3	3	6	6	41	41
	3	44	25	130	257	305	39	131	308	308	14	14	15	15	26	26	102	102
2070	1	40	8	64	216	266	8	64	256	256								
(97)	2	40	25	144	244	287	41	146	286	286	28	28	36	36	60	62	117	117
	3	40	23	145	232	271	62	157	278	278	53	53	63	64	84	88	136	136
	1	42	5	30	172	250	5	30	238	238								
	2	42	20	119	239	281	23	119	278	278	3	3	7	7	15	15	79	79
	3	42	16	121	230	263	36	128	273	273	27	27	39	39	56	57	115	115
	1	44	3	19	125	237	3	19	216	214								
	2	44	16	97	232	272	16	97	271	271					1	1	26	26
	3	44	13	109	221	263	19	111	268	268	6	6	15	15	27	27	93	93
2070	1	40	11	97	251	303	11	97	290	289							9	9
(98)	2	40	51	190	289	312	68	190	313	313	31	31	39	39	53	55	124	124
	3	40	39	181	274	306	78	182	306	306	49	49	61	62	88	90	156	156
	1	42	6	66	208	294	6	66	273	272								
	2	42	38	166	284	310	46	166	310	310	10	10	16	16	26	26	85	85
	3	42	31	164	266	303	52	164	301	301	27	28	34	34	57	59	127	127
	1	44	4	37	167	282	4	37	246	241								
	2	44	25	132	273	309	30	132	303	303	4	4	5	5	8	8	41	41
	3	44	20	145	260	298	36	147	298	298	16	17	19	20	31	31	99	99
2070	1	40	3	43	207	289	3	43	273	273							6	6
(99)	2	40	16	121	259	319	43	125	311	311	34	34	44	44	59	59	105	105
	3	40	13	125	237	292	57	133	298	298	53	53	66	66	84	84	126	126
	1	42	1	26	154	268	1	26	241	240								
	2	42	14	93	249	315	21	93	300	300	9	9	15	15	25	25	76	76
	3	42	10	103	232	287	33	106	290	290	31	31	42	42	58	58	105	105
	1	44		13	95	247		13	207	203								
	2	44	9	74	239	306	10	74	289	289			1	1	5	5	37	37
	3	44	8	78	222	283	19	82	282	282	15	15	22	22	33	33	84	84
2070	1	40	17	45	185	281	17	45	257	257								
(00)	2	40	25	103	248	302	37	106	291	291	20	20	26	26	46	48	110	110
	3	40	19	94	226	287	53	110	278	278	32	33	45	46	78	79	140	140
	1	42	6	30	141	263	6	30	245	242								
	2	42	22	85	236	296	26	85	279	279	5	5	8	8	12	12	66	66
	3	42	16	84	218	282	31	88	270	270	17	17	26	26	44	45	115	115
	1	44	4	22	89	234	4	22	213	206								
	2	44	21	69	222	292	21	69	263	263	1	1	1	1	1	1	23	23
	3	44	16	73	203	274	22	74	259	259	6	6	10	10	17	17	83	83
2070	1	40	7	45	188	281	8	45	253	250							3	3
(01)	2	40	22	121	249	318	30	122	300	300	15	15	21	21	35	36	80	80
	3	40	17	106	217	294	42	114	276	276	29	29	40	40	55	56	97	97
	1	42	3	27	147	262	3	27	227	225								
	2	42	19	98	235	313	22	98	287	287	5	5	6	6	9	9	57	57
	3	42	15	93	212	286	25	97	272	272	12	12	19	19	34	34	76	76
	1	44	1	19	97	233	1	19	198	193								
	2	44	15	71	224	303	16	71	273	273	1	1	2	2	3	3	15	15
	3	44	11	76	207	278	14	78	264	264	4	4	10	10	15	15	60	60

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(7)

City	Port Hedland	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		14	117	209		14	193	221								
(90)	2	40	10	35	201	260	10	35	235	264								
	3	40	4	22	193	242	4	22	236	249								
	1	42		8	82	176		8	159	201								
	2	42	7	28	179	247	7	28	227	252								
	3	42	4	18	179	237	4	18	229	243								
	1	44		3	53	128		3	107	153								
	2	44	4	21	159	235	4	21	219	241								
	3	44	3	14	160	232	3	14	227	240								
2070	1	40	1	4	108	196	1	4	192	211								
(91)	2	40	3	23	180	245	3	23	236	258								
	3	40		15	165	228		15	234	246								
	1	42		2	68	148		2	159	185								
	2	42	2	14	164	230	2	14	225	246								
	3	42		7	156	224		7	228	241								
	1	44		2	41	95		2	112	146								
	2	44	2	8	144	214	2	8	211	229								
	3	44		5	141	222		5	222	237								
2070	1	40		1	79	168		1	178	196								
(92)	2	40		14	144	237		14	224	246								
	3	40		7	142	221		7	224	234								
	1	42			48	127			138	163								
	2	42		12	125	222		12	215	234								
	3	42		6	129	215		6	215	228								
	1	44			22	84			63	101								
	2	44		9	102	205		9	200	219								
	3	44		5	115	210		5	210	223								
2070	1	40	1	7	102	176	1	7	177	194								
(93)	2	40	4	20	167	224	4	20	227	239								
	3	40	2	12	156	204	2	12	222	226								
	1	42	1	3	57	145	1	3	141	172								
	2	42	3	14	160	210	3	14	214	230								
	3	42		9	139	197		9	214	221								
	1	44		1	29	101		1	97	138								
	2	44	1	11	136	198	1	11	202	218								
	3	44		7	126	196		7	206	217								
2070	1	40	1	13	130	221	1	13	188	234								
(94)	2	40	8	34	202	277	8	34	241	284								
	3	40	3	24	185	256	3	24	242	264								
	1	42		6	82	180		6	161	203								
	2	42	5	23	180	264	5	23	225	272								
	3	42	1	20	170	253	1	20	235	261								
	1	44		1	45	134		1	110	164								
	2	44	2	17	153	243	2	17	209	252								
	3	44		15	156	249		15	222	256								
2070	1	40		2	76	175		2	185	211								
(95)	2	40	1	12	153	241	1	12	236	251								
	3	40	1	7	144	219	1	7	231	238								
	1	42			34	132			146	189								
	2	42		6	130	224		6	225	244								
	3	42		5	128	214		5	225	234								
	1	44			15	91			69	118								
	2	44		5	107	201		5	214	232								
	3	44		5	110	211		5	220	233								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(7)

City	Port Hedland	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	10	103	210	1	10	191	229								
(96)	2	40	7	30	178	267	7	30	263	281								
	3	40	2	22	172	251	2	22	262	270								
	1	42	1	6	69	159	1	6	157	190								
	2	42	5	23	154	251	5	23	246	267								
	3	42	2	19	151	246	2	19	246	263								
	1	44		1	41	112		1	108	143								
	2	44	2	14	127	239	2	14	219	253								
	3	44	2	13	135	241	2	13	233	257								
2070	1	40	2	5	68	168	2	5	178	212								
(97)	2	40	3	16	152	232	3	16	237	245								
	3	40	3	10	148	218	3	10	233	236								
	1	42		3	32	121		3	135	176								
	2	42	2	14	129	222	2	14	232	238								
	3	42	2	9	129	218	2	9	230	234								
	1	44		2	19	77		2	92	128								
	2	44	2	7	104	214	2	7	215	232								
	3	44	2	5	116	213	2	5	223	232								
2070	1	40	1	7	97	215	1	7	208	239								
(98)	2	40	4	26	188	274	4	26	270	291								
	3	40	4	16	181	258	4	16	267	277								
	1	42	1	4	64	170	1	4	168	204								
	2	42	4	19	167	266	4	19	255	283								
	3	42	4	12	162	252	4	12	263	274								
	1	44	1	1	31	110	1	1	93	141								
	2	44	3	10	131	245	3	10	243	269								
	3	44	3	11	146	248	3	11	251	271								
2070	1	40		2	47	162		2	168	201								
(99)	2	40		9	123	238		9	238	260								
	3	40		7	124	214		7	234	241								
	1	42			27	98			130	155								
	2	42		4	99	227		4	220	253								
	3	42		4	102	209		4	228	237								
	1	44			11	55			79	100								
	2	44		2	76	195		2	206	234								
	3	44		2	83	202		2	215	234								
2070	1	40	2	6	49	137	2	6	184	200								
(00)	2	40	5	21	114	223	5	21	241	250								
	3	40	2	16	101	195	2	16	239	243								
	1	42		4	30	90		4	144	163								
	2	42	4	19	92	199	4	19	227	238								
	3	42	2	13	90	186	2	13	230	236								
	1	44		3	22	55		3	83	102								
	2	44	4	16	70	174	4	16	211	223								
	3	44	2	9	77	180	2	9	224	231								
2070	1	40		3	47	147		3	155	188								
(01)	2	40	2	15	123	224	2	15	223	246								
	3	40		10	111	203		10	221	229								
	1	42		1	30	102		1	103	136								
	2	42		9	99	209		9	207	230								
	3	42		8	93	198		8	214	224								
	1	44			20	58			63	86								
	2	44		5	68	180		5	192	214								
	3	44		4	81	194		4	206	219								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(7a)

City	Port Hedland	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	4	28	139	247	4	28	198	188								
(90)	2	40	13	64	206	277	13	64	235	234								
	3	40	7	51	207	256	7	51	238	235								
	1	42		17	96	216		17	164	148								
	2	42	10	53	201	270	10	53	228	226								
	3	42	5	47	199	252	5	47	229	228								
	1	44		10	64	193		10	114	87								
	2	44	7	42	178	264	7	42	219	217								
	3	44	4	34	185	249	4	34	227	225								
2070	1	40	2	15	117	230	2	15	192	189								
(91)	2	40	4	46	197	278	4	46	236	236								
	3	40		36	187	249		36	234	234								
	1	42	1	5	83	200	1	5	166	152								
	2	42	3	35	180	269	3	35	226	224								
	3	42		31	174	243		31	228	228								
	1	44		3	48	166		3	117	95								
	2	44	2	27	160	254	2	27	214	211								
	3	44		26	158	239		26	223	220								
2070	1	40		12	89	221		12	179	173								
(92)	2	40		41	168	258		41	225	224								
	3	40		32	162	237		32	224	223								
	1	42		2	58	182		2	140	129								
	2	42		33	142	253		33	217	214								
	3	42		18	151	232		18	218	214								
	1	44			35	133			70	56								
	2	44		19	124	242		19	204	199								
	3	44		13	131	229		13	211	208								
2070	1	40	1	14	116	210	1	14	179	174								
(93)	2	40	5	44	180	249	5	44	228	227								
	3	40	3	27	170	228	3	27	222	222								
	1	42	1	8	74	181	1	8	145	134								
	2	42	4	35	167	240	4	35	214	213								
	3	42	3	22	159	222	3	22	214	214								
	1	44		4	39	146		4	101	87								
	2	44	3	26	155	229	3	26	207	201								
	3	44	1	17	144	213	1	17	206	206								
2070	1	40	2	23	146	263	2	23	192	180								
(94)	2	40	12	67	222	287	12	67	246	236								
	3	40	4	53	208	270	4	53	244	239								
	1	42		15	104	230		15	171	149								
	2	42	9	49	200	282	9	49	230	221								
	3	42	3	39	191	261	3	39	238	230								
	1	44		8	55	192		8	116	85								
	2	44	5	41	177	278	5	41	217	205								
	3	44	1	31	176	259	1	31	226	218								
2070	1	40		6	94	222		6	189	180								
(95)	2	40	2	34	173	257	2	34	236	234								
	3	40	1	29	161	237	1	29	233	230								
	1	42		4	52	186		4	149	133								
	2	42	1	24	153	251	1	24	228	224								
	3	42	1	20	151	232	1	20	226	224								
	1	44		1	23	146		1	73	58								
	2	44		15	127	246		15	218	213								
	3	44		14	135	225		14	222	219								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(7a)

City	Port Hedland	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	23	118	251	1	23	193	185								
(96)	2	40	8	67	203	285	8	67	266	261								
	3	40	5	54	194	270	5	54	263	261								
	1	42	1	11	79	220	1	11	159	147								
	2	42	7	53	177	278	7	53	248	246								
	3	42	2	41	185	268	2	41	249	245								
	1	44	1	7	53	173	1	7	118	94								
	2	44	5	42	153	271	5	42	224	217								
	3	44	2	36	160	266	2	36	236	233								
2070	1	40	2	14	82	222	2	14	184	172								
(97)	2	40	4	30	168	249	4	30	237	237								
	3	40	4	29	171	232	4	29	233	233								
	1	42	1	5	52	189	1	5	143	131								
	2	42	3	25	151	243	3	25	232	231								
	3	42	4	22	158	229	4	22	230	230								
	1	44		3	25	139		3	96	82								
	2	44	3	19	125	237	3	19	216	212								
	3	44	3	16	139	227	3	16	225	223								
2070	1	40	1	20	114	266	1	20	209	201								
(98)	2	40	6	62	204	294	6	62	272	270								
	3	40	6	52	199	280	6	52	271	266								
	1	42	1	7	85	231	1	7	176	159								
	2	42	4	49	190	288	4	49	258	251								
	3	42	5	42	188	274	5	42	266	261								
	1	44	1	4	49	186	1	4	99	85								
	2	44	4	32	165	280	4	32	244	240								
	3	44	4	31	172	266	4	31	253	249								
2070	1	40		4	60	227		4	170	161								
(99)	2	40	1	24	151	265	1	24	239	236								
	3	40		21	147	247		21	236	234								
	1	42		2	35	170		2	135	125								
	2	42	1	15	125	258	1	15	223	219								
	3	42		16	134	237		16	229	228								
	1	44			15	116			82	75								
	2	44		10	93	245		10	206	202								
	3	44		10	107	229		10	216	214								
2070	1	40	3	19	58	199	3	19	187	179								
(00)	2	40	6	29	137	262	6	29	242	239								
	3	40	4	22	126	236	4	22	240	237								
	1	42	2	10	36	151	2	10	147	137								
	2	42	5	25	112	245	5	25	228	225								
	3	42	3	19	112	227	3	19	230	229								
	1	44		5	25	100		5	85	75								
	2	44	4	22	86	231	4	22	211	204								
	3	44	2	17	95	214	2	17	225	223								
2070	1	40		9	59	209		9	159	150								
(01)	2	40	3	26	142	258	3	26	225	222								
	3	40		22	124	224		22	221	221								
	1	42		5	41	158		5	108	99								
	2	42	2	19	124	246	2	19	210	206								
	3	42		17	115	215		17	215	214								
	1	44		2	22	118		2	65	56								
	2	44		18	93	232		18	195	190								
	3	44		15	103	210		15	207	204								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(8)

City	Port Hedland	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	6	24	172	243	6	24	224	247								
(90)	2	40	18	58	222	276	18	58	263	281							5	5
	3	40	7	47	224	252	7	47	256	262					1	1	7	7
	1	42		14	120	211		14	195	221								
	2	42	14	47	211	268	14	47	252	273								
	3	42	7	35	213	250	7	35	248	257							1	1
	1	44		8	84	183		8	165	205								
	2	44	10	36	203	263	10	36	238	267								
	3	44	6	32	205	246	6	32	245	254								
2070	1	40	2	10	157	227	2	10	222	243								
(91)	2	40	5	39	210	274	5	39	267	293							3	3
	3	40		31	208	246		31	261	266							14	14
	1	42	1	4	110	197	1	4	197	215								
	2	42	4	33	199	261	4	33	251	277								
	3	42		26	199	241		26	251	260							4	4
	1	44		2	71	152		2	163	186								
	2	44	3	23	183	250	3	23	239	263								
	3	44		20	186	234		20	246	254								
2070	1	40		10	111	219		10	210	233								
(92)	2	40	2	36	189	257	2	36	258	273							4	4
	3	40	2	21	190	237	2	21	247	250							4	4
	1	42		1	79	170		1	182	199								
	2	42	1	25	170	250	1	25	242	258								
	3	42	1	13	173	230	1	13	240	244								
	1	44			49	129			141	165								
	2	44		16	149	238		16	227	247								
	3	44		11	163	228		11	231	239								
2070	1	40	1	12	149	204	1	12	208	224								
(93)	2	40	8	41	189	244	8	41	254	265							3	3
	3	40	4	23	183	224	4	24	240	246							7	7
	1	42	1	8	108	176	1	8	183	198								
	2	42	7	29	180	234	7	29	244	253							1	1
	3	42	4	18	176	214	4	18	234	235							2	2
	1	44	1	3	58	146	1	3	144	173								
	2	44	4	20	169	227	4	20	228	239								
	3	44	3	16	170	211	3	16	230	232							1	1
2070	1	40	4	22	172	259	4	22	219	267								
(94)	2	40	15	56	237	286	15	56	269	294							3	3
	3	40	4	42	226	264	5	42	269	275							10	10
	1	42	1	13	131	223	1	13	191	236								
	2	42	12	44	224	279	12	44	260	289							1	1
	3	42	4	32	217	259	4	32	259	271							1	1
	1	44		6	86	184		6	165	205								
	2	44	9	35	204	277	9	35	248	284								
	3	44	3	27	206	259	3	27	253	270								
2070	1	40		5	122	216		5	222	241								
(95)	2	40	4	28	193	254	4	28	267	272							1	1
	3	40	2	20	185	235	2	20	257	263							3	3
	1	42		2	77	178		2	188	214								
	2	42	2	19	179	250	2	19	253	262								
	3	42	1	15	175	228	1	15	248	252							2	2
	1	44			36	137			147	191								
	2	44	1	14	160	246	1	14	239	255								
	3	44	1	11	161	221	1	11	241	244								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(8)

City	Port Hedland	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	16	144	248	3	16	233	260								
(96)	2	40	11	54	223	280	11	54	299	306							3	3
	3	40	6	42	219	269	6	42	289	294							8	8
	1	42	1	10	105	211	1	10	199	230								
	2	42	10	46	207	274	10	46	288	294								
	3	42	5	36	208	266	5	36	287	290							2	2
	1	44	1	6	69	162	1	6	159	193								
	2	44	7	32	185	268	7	32	267	282								
	3	44	3	28	192	261	3	28	277	281								
2070	1	40	2	10	120	221	2	10	224	235								
(97)	2	40	5	26	197	245	5	26	256	260								
	3	40	5	24	193	230	5	24	249	249							2	2
	1	42	2	5	71	178	2	5	181	214								
	2	42	4	20	175	240	4	20	249	252								
	3	42	4	16	182	230	4	16	244	246								
	1	44		3	32	126		3	141	183								
	2	44	3	16	159	235	3	16	238	245								
	3	44	4	13	172	225	4	13	238	242								
2070	1	40	4	13	158	259	4	13	248	276								
(98)	2	40	8	56	232	289	8	56	289	299							8	8
	3	40	8	43	225	275	8	43	288	293					1	1	14	14
	1	42	1	7	100	217	1	7	211	243								
	2	42	6	41	209	285	6	41	282	296							1	1
	3	42	7	33	208	271	7	33	280	288							9	9
	1	44	1	4	67	172	1	4	176	208								
	2	44	4	27	193	275	4	27	273	291								
	3	44	5	24	198	264	5	24	274	282								
2070	1	40		4	91	220		4	212	244								
(99)	2	40	2	18	179	263	2	18	273	282							5	5
	3	40		17	183	239	1	17	257	263							11	11
	1	42		2	47	162		2	172	205								
	2	42	1	15	158	251	1	15	258	269								
	3	42		11	163	231		11	250	257							3	3
	1	44			28	103			133	160								
	2	44	1	9	129	240	1	9	241	260								
	3	44		9	151	227		9	242	249							1	1
2070	1	40	4	17	83	192	4	17	218	231								
(00)	2	40	10	26	162	253	10	26	257	268								
	3	40	6	20	164	229	6	20	253	258							5	5
	1	42	2	6	50	139	2	6	187	201								
	2	42	6	23	142	239	6	23	253	260								
	3	42	4	17	144	218	4	17	251	254							1	1
	1	44		4	31	92		4	145	163								
	2	44	5	21	118	224	5	21	244	251								
	3	44	3	16	128	214	3	16	247	252								
2070	1	40		8	82	200		8	203	224								
(01)	2	40	5	22	165	253	5	22	250	279							3	3
	3	40		19	151	219	1	19	246	254							5	5
	1	42		3	48	150		3	161	192								
	2	42	3	19	149	237	3	19	240	263							1	1
	3	42		16	138	211		16	239	245							2	2
	1	44		1	31	105		1	105	138								
	2	44	2	15	126	227	2	15	226	250								
	3	44		13	124	208		13	234	242								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(8a)

City	Port Hedland	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	8	47	193	267	8	47	227	223								
(90)	2	40	22	93	239	290	22	93	266	263							5	5
	3	40	12	83	231	267	12	83	256	256					1	1	7	7
	1	42	4	29	142	250	4	29	200	191								
	2	42	18	79	225	283	18	79	252	252								
	3	42	8	70	226	265	8	70	249	248							1	1
	1	44		18	99	218		18	170	155								
	2	44	14	66	208	278	14	66	238	237								
	3	44	7	61	217	259	7	61	245	245								
2070	1	40	2	33	173	260	2	33	224	221								
(91)	2	40	9	78	225	298	9	78	270	266							3	3
	3	40	3	69	217	265	3	69	261	261							14	14
	1	42	2	15	126	233	2	15	198	196								
	2	42	5	62	211	292	5	62	253	251								
	3	42	1	60	211	259	1	60	251	251							4	4
	1	44	1	5	83	204	1	5	168	155								
	2	44	4	48	198	282	4	48	240	239								
	3	44		52	205	252		52	247	246								
2070	1	40		25	135	249		25	214	209								
(92)	2	40	9	70	217	279	9	70	259	258							4	4
	3	40	5	64	206	256	5	64	247	247							4	4
	1	42		13	91	226		13	183	177								
	2	42	2	55	191	273	2	55	242	241								
	3	42	4	50	198	244	4	50	240	240								
	1	44		2	61	182		2	142	132								
	2	44	1	45	169	260	1	45	228	227								
	3	44	2	40	179	239	2	40	232	230								
2070	1	40	3	29	161	233	3	29	210	206								
(93)	2	40	11	81	204	265	11	81	255	254							3	3
	3	40	5	67	194	244	5	67	240	240							7	7
	1	42	1	14	119	213	1	14	184	181								
	2	42	8	64	190	259	8	64	244	244							1	1
	3	42	5	52	189	239	5	52	234	234							2	2
	1	44	1	8	77	185	1	8	149	138								
	2	44	7	45	180	250	7	45	229	228								
	3	44	4	38	177	234	4	38	230	230							1	1
2070	1	40	6	44	193	279	6	44	223	213								
(94)	2	40	17	114	249	302	17	114	272	269							3	3
	3	40	13	96	238	285	13	96	269	268							10	10
	1	42	2	25	148	268	2	25	194	183								
	2	42	15	94	237	296	15	94	262	257							1	1
	3	42	6	83	233	280	6	83	260	259							1	1
	1	44		15	105	232		15	173	152								
	2	44	12	73	222	290	12	73	250	243								
	3	44	4	65	220	278	4	65	253	251								
2070	1	40		19	143	249		19	223	218								
(95)	2	40	5	73	213	264	5	73	268	266							1	1
	3	40	5	71	204	254	5	71	258	257							3	3
	1	42		7	98	226		7	194	186								
	2	42	4	52	193	258	4	52	255	253								
	3	42	3	53	191	248	3	53	249	248							2	2
	1	44		4	54	186		4	151	135								
	2	44	2	36	176	257	2	36	239	238								
	3	44	2	42	179	241	2	42	241	241								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(8a)

City	Port Hedland	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	6	46	163	274	6	46	233	233								
(96)	2	40	14	96	245	300	14	96	299	299							3	3
	3	40	11	86	237	284	11	86	289	289							8	8
	1	42	1	23	121	254	1	23	199	195								
	2	42	11	79	225	295	11	79	288	287								
	3	42	6	69	224	281	6	69	287	287							2	2
	1	44	1	11	82	223	1	11	162	150								
	2	44	10	68	207	286	10	68	269	266								
	3	44	6	62	213	276	6	62	277	277								
2070	1	40	3	20	137	240	3	20	224	223								
(97)	2	40	8	61	217	266	8	61	256	256								
	3	40	5	57	214	249	5	57	249	249							2	2
	1	42	2	15	90	227	2	15	188	175								
	2	42	5	50	198	255	5	50	249	249								
	3	42	5	44	201	244	5	44	244	244								
	1	44	1	5	52	189	1	5	147	137								
	2	44	4	30	172	250	4	30	238	238								
	3	44	4	36	188	235	4	36	238	238								
2070	1	40	4	41	178	285	4	41	251	244								
(98)	2	40	10	95	253	303	10	95	291	289							8	8
	3	40	9	85	244	290	9	85	288	288					1	1	14	14
	1	42	2	22	123	268	2	22	213	204								
	2	42	8	84	233	299	8	84	283	281							1	1
	3	42	9	70	234	286	9	70	281	280							9	9
	1	44	1	8	85	232	1	8	181	165								
	2	44	6	65	208	294	6	65	273	272								
	3	44	7	59	213	282	7	59	275	273								
2070	1	40		15	112	250		15	216	210								
(99)	2	40	3	43	209	289	3	43	273	273							5	5
	3	40	1	36	200	264	1	36	258	257							11	11
	1	42		4	64	232		4	175	166								
	2	42	2	34	178	277	2	34	258	258								
	3	42		30	186	261		30	250	250							3	3
	1	44		2	37	172		2	138	128								
	2	44	1	26	154	267	1	26	241	240								
	3	44		23	171	253		23	242	241							1	1
2070	1	40	4	23	100	238	4	23	218	213								
(00)	2	40	17	45	187	280	17	45	257	257								
	3	40	9	38	183	257	9	38	253	253							5	5
	1	42	3	19	61	205	3	19	190	181								
	2	42	11	35	164	274	11	35	253	252								
	3	42	9	33	169	250	9	33	251	251							1	1
	1	44	2	10	37	154	2	10	147	139								
	2	44	6	29	141	263	6	29	245	242								
	3	44	5	28	152	244	5	28	247	246								
2070	1	40	1	19	113	237	1	19	204	201								
(01)	2	40	6	45	190	281	6	45	253	250							3	3
	3	40	3	33	187	250	3	33	246	246							5	5
	1	42		9	60	211		9	164	156								
	2	42	5	39	166	275	5	39	240	240							1	1
	3	42	2	28	167	244	2	28	240	239							2	2
	1	44		5	43	161		5	110	101								
	2	44	3	27	147	262	3	27	227	225								
	3	44		24	144	230		24	234	234								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(9)

City	Port Hedland	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	6	27	174	244	6	27	225	250								
(90)	2	40	19	63	226	276	19	63	267	282							7	7
	3	40	8	48	224	252	8	48	256	262					1	1	10	10
	1	42	1	14	122	212	1	14	196	222								
	2	42	14	49	212	269	14	49	252	274								
	3	42	7	41	216	250	7	41	249	258							2	2
	1	44		8	90	186		8	172	208								
	2	44	12	40	204	264	12	40	238	267								
	3	44	7	33	207	248	7	33	245	255								
2070	1	40	2	11	160	228	2	11	222	244								
(91)	2	40	6	42	213	274	6	42	269	295							4	4
	3	40		33	209	246		33	261	266							18	18
	1	42	1	4	113	197	1	4	198	216								
	2	42	4	34	199	262	4	34	253	280							1	1
	3	42		28	202	242		28	253	261							6	6
	1	44		2	73	156		2	163	187								
	2	44	4	23	186	250	4	23	239	263								
	3	44		20	189	237		20	247	255								
2070	1	40		11	117	219		11	212	233								
(92)	2	40	5	37	191	257	5	37	260	275							4	4
	3	40	3	26	192	237	3	26	250	253							4	4
	1	42		1	81	173		1	184	202								
	2	42	1	29	173	252	1	29	244	261							1	1
	3	42	1	13	175	231	1	13	242	245								
	1	44			50	131			145	167								
	2	44		19	153	240		19	230	249								
	3	44		12	166	228		12	232	239								
2070	1	40	1	12	153	205	1	12	210	224								
(93)	2	40	8	43	191	245	8	43	255	265							3	3
	3	40	4	25	184	226	4	26	242	247							8	8
	1	42	1	8	110	176	1	8	185	199								
	2	42	7	33	181	235	7	33	245	254							1	1
	3	42	4	21	176	215	4	21	236	238							3	3
	1	44	1	3	62	147	1	3	145	173								
	2	44	4	22	171	228	4	22	230	242								
	3	44	3	17	172	211	3	17	230	232							1	1
2070	1	40	5	22	174	259	5	22	221	267								
(94)	2	40	15	61	237	286	15	61	270	294							3	3
	3	40	6	48	226	266	7	48	270	277							13	13
	1	42	1	13	135	227	1	13	191	238								
	2	42	13	45	227	280	13	45	264	289							1	1
	3	42	4	33	221	259	5	33	262	272							3	3
	1	44		6	86	188		6	167	207								
	2	44	9	37	208	277	9	37	251	285								
	3	44	4	28	208	259	4	28	255	270								
2070	1	40		5	124	217		5	222	241								
(95)	2	40	4	31	195	255	4	31	268	273							2	2
	3	40	3	23	186	236	3	23	259	266							5	5
	1	42		2	83	182		2	193	218								
	2	42	2	22	181	250	2	22	254	263								
	3	42	2	16	175	230	2	16	248	253							3	3
	1	44			37	140			151	193								
	2	44	1	15	160	247	1	15	239	256								
	3	44	1	12	163	223	1	12	242	246								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(9)

City	Port Hedland	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	21	146	248	3	21	239	264								
(96)	2	40	12	64	225	281	12	64	299	307							5	5
	3	40	6	47	220	269	6	47	289	294					1	1	12	12
	1	42	1	11	108	213	1	11	201	233								
	2	42	10	48	208	275	10	48	291	298								
	3	42	6	36	210	266	6	36	288	291							3	3
	1	44	1	6	71	163	1	6	161	195								
	2	44	7	38	187	268	7	38	272	284								
	3	44	4	31	194	262	4	31	280	283							1	1
2070	1	40	2	12	124	221	2	12	225	235								
(97)	2	40	7	29	199	245	7	29	259	261							1	1
	3	40	5	26	198	231	5	26	251	251							3	3
	1	42	2	5	74	181	2	5	184	215								
	2	42	5	22	178	241	5	22	249	252								
	3	42	4	16	183	230	4	16	245	246								
	1	44	1	3	35	130	1	3	141	186								
	2	44	3	17	159	236	3	17	239	245								
	3	44	4	13	174	225	4	13	239	243								
2070	1	40	4	15	162	260	4	15	250	278								
(98)	2	40	9	60	233	290	9	60	289	300							9	9
	3	40	9	48	228	277	9	48	288	293					3	3	21	21
	1	42	1	7	101	221	1	7	213	246								
	2	42	6	46	212	286	6	46	282	297							1	1
	3	42	7	35	212	272	7	35	281	288							10	10
	1	44	1	4	69	176	1	4	178	211								
	2	44	5	28	194	277	5	28	274	292								
	3	44	6	29	199	265	6	29	274	283							1	1
2070	1	40		4	92	220		4	214	245								
(99)	2	40	2	20	181	263	2	20	274	283							6	6
	3	40		18	185	240	1	18	260	264							14	14
	1	42		2	49	163		2	174	206								
	2	42	2	15	160	252	2	15	261	272								
	3	42		13	164	233		13	251	258							4	4
	1	44			28	107			136	165								
	2	44	1	10	133	242	1	10	242	261								
	3	44		10	151	228		10	243	250							2	2
2070	1	40	4	19	86	193	4	19	221	232								
(00)	2	40	13	27	167	254	13	27	257	268							2	2
	3	40	9	22	165	229	9	22	253	258					1	1	6	6
	1	42	2	7	51	144	2	7	189	204								
	2	42	6	23	143	239	6	23	253	260								
	3	42	4	19	147	220	4	19	251	254							2	2
	1	44		4	32	94		4	146	164								
	2	44	5	21	122	227	5	21	245	252								
	3	44	4	16	132	215	4	16	247	252								
2070	1	40		8	88	204		8	204	226								
(01)	2	40	5	22	167	255	6	22	250	281					1	1	3	3
	3	40	1	20	155	219	1	20	248	256							5	5
	1	42		4	51	151		4	164	193								
	2	42	3	19	151	240	3	19	240	264							1	1
	3	42		16	140	212		16	243	247							2	2
	1	44		1	32	110		1	109	143								
	2	44	2	15	127	228	2	15	227	251							1	1
	3	44		15	126	209		15	235	243								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(9a)

City	Port Hedland	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	8	50	197	268	8	50	228	224								
(90)	2	40	24	97	241	291	24	97	268	267							7	7
	3	40	12	88	231	268	12	88	256	256					1	1	10	10
	1	42	4	32	146	251	4	32	201	192								
	2	42	20	83	228	284	20	83	253	252								
	3	42	10	76	226	266	10	76	250	249							2	2
	1	44		19	100	222		19	174	160								
	2	44	14	73	210	279	14	73	238	237								
	3	44	7	65	221	263	7	65	246	245								
2070	1	40	3	34	174	261	3	34	224	221								
(91)	2	40	10	82	226	301	10	82	272	268							4	4
	3	40	4	73	219	267	4	73	262	261							18	18
	1	42	2	16	129	234	2	16	199	197								
	2	42	6	64	211	292	6	64	255	253							1	1
	3	42	1	65	212	261	1	65	253	253							6	6
	1	44	1	6	84	207	1	6	168	155								
	2	44	4	50	198	283	4	50	240	239								
	3	44		52	206	252		52	248	247								
2070	1	40		29	135	251		29	215	210								
(92)	2	40	10	71	219	280	10	71	261	260							4	4
	3	40	5	65	208	256	5	65	250	250							4	4
	1	42		14	92	228		14	184	180								
	2	42	5	57	194	276	5	57	244	243							1	1
	3	42	4	53	198	246	4	53	242	242								
	1	44		5	62	185		5	146	136								
	2	44	1	45	170	260	1	45	230	229								
	3	44	2	45	183	240	2	45	234	231								
2070	1	40	3	33	163	234	3	33	210	206								
(93)	2	40	11	89	204	268	11	89	256	255							3	3
	3	40	6	68	194	245	6	68	242	242							8	8
	1	42	1	14	124	214	1	14	186	183								
	2	42	8	69	192	260	8	69	246	245							1	1
	3	42	5	55	191	239	5	55	236	236							3	3
	1	44	1	8	80	188	1	8	150	141								
	2	44	7	50	180	250	7	50	231	230								
	3	44	4	40	180	236	4	40	230	230							1	1
2070	1	40	8	45	194	280	8	45	225	215								
(94)	2	40	20	120	253	304	20	120	276	270							3	3
	3	40	14	103	241	286	14	103	271	269							13	13
	1	42	2	27	148	269	2	27	194	184								
	2	42	15	97	239	296	15	97	265	260							1	1
	3	42	9	89	233	281	9	89	263	262							3	3
	1	44		15	106	233		15	176	155								
	2	44	13	76	226	291	13	76	253	246								
	3	44	4	69	222	278	4	69	256	254								
2070	1	40		22	145	249		22	225	218								
(95)	2	40	5	80	217	265	5	80	268	267							2	2
	3	40	5	73	206	255	5	73	260	259							5	5
	1	42		9	101	228		9	197	190								
	2	42	5	56	195	259	5	56	256	254								
	3	42	3	60	193	248	3	60	249	248							3	3
	1	44		4	56	189		4	155	140								
	2	44	2	38	178	257	2	38	239	238								
	3	44	2	45	179	245	2	45	242	242								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(9a)

City	Port Hedland	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	6	48	166	275	6	48	239	239								
(96)	2	40	16	101	246	300	16	101	299	299							5	5
	3	40	11	90	239	285	11	90	289	289					1	1	12	12
	1	42	1	26	123	256	1	26	201	198								
	2	42	12	85	229	295	12	85	291	290								
	3	42	8	74	228	281	8	74	288	288							3	3
	1	44	1	12	85	225	1	12	164	153								
	2	44	10	70	208	286	10	70	274	271								
	3	44	6	62	214	279	6	62	280	280							1	1
2070	1	40	3	22	139	241	3	22	225	224								
(97)	2	40	9	68	219	266	9	68	259	259							1	1
	3	40	5	60	215	249	5	60	251	251							3	3
	1	42	2	15	91	227	2	15	191	179								
	2	42	7	50	201	256	7	50	249	249								
	3	42	5	49	202	245	5	49	245	245								
	1	44	1	7	52	190	1	7	147	137								
	2	44	5	33	174	250	5	33	239	239								
	3	44	4	40	189	238	4	40	239	239								
2070	1	40	4	46	179	286	4	46	253	246								
(98)	2	40	11	98	256	303	11	98	291	289							9	9
	3	40	9	88	244	291	9	88	288	288					3	3	21	21
	1	42	2	22	128	270	2	22	215	207								
	2	42	9	85	233	300	9	85	283	282							1	1
	3	42	9	74	238	287	9	74	282	281							10	10
	1	44	1	9	85	233	1	9	183	169								
	2	44	7	69	211	295	7	69	274	273								
	3	44	8	62	215	283	8	62	276	273							1	1
2070	1	40		15	114	252		15	217	212								
(99)	2	40	3	45	217	290	3	45	274	274							6	6
	3	40	1	40	201	266	1	40	261	260							14	14
	1	42		5	67	233		5	178	167								
	2	42	2	35	182	279	2	35	261	261								
	3	42		32	189	262		32	252	251							4	4
	1	44		2	37	174		2	141	131								
	2	44	2	26	158	269	2	26	242	241								
	3	44		24	174	254		24	243	242							2	2
2070	1	40	5	24	102	238	5	24	221	216								
(00)	2	40	17	47	190	281	17	47	257	257							2	2
	3	40	9	43	183	257	9	43	253	253					1	1	6	6
	1	42	3	19	65	210	3	19	193	183								
	2	42	14	39	165	274	14	39	253	252								
	3	42	9	35	173	250	9	35	251	251							2	2
	1	44	2	13	39	158	2	13	148	140								
	2	44	6	31	143	266	6	31	246	243								
	3	44	6	29	153	247	6	29	247	246								
2070	1	40	1	19	114	240	1	19	205	203								
(01)	2	40	8	47	193	282	8	47	253	250					1	1	3	3
	3	40	4	36	191	250	4	36	248	248							5	5
	1	42		11	64	214		11	166	159								
	2	42	5	41	166	275	5	41	240	240							1	1
	3	42	2	28	172	245	2	28	243	243							2	2
	1	44		5	43	163		5	114	107								
	2	44	3	28	149	264	3	28	228	226							1	1
	3	44		26	145	234		26	235	235								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(10)

City	Port Hedland	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	36	96	262	291	40	96	290	298	4	4	9	9	18	18	88	88
(90)	2	40	93	195	285	308	151	209	310	317	115	115	122	122	150	150	195	195
	3	40	68	189	263	295	153	209	303	310	112	112	122	122	155	156	206	206
	1	42	21	67	233	279	21	67	274	287							14	14
	2	42	78	174	278	299	125	188	304	307	78	78	100	100	119	119	180	180
	3	42	54	173	259	287	138	200	299	305	96	96	109	109	134	134	195	195
	1	44	12	44	206	266	12	44	243	269								
	2	44	60	146	271	294	86	159	300	305	44	44	55	55	82	82	151	151
	3	44	47	152	254	282	113	179	295	298	70	70	86	86	113	113	177	177
2070	1	40	27	83	250	303	33	84	312	320	15	15	28	28	36	36	98	98
(91)	2	40	79	178	292	330	153	190	339	342	121	121	134	134	159	159	207	207
	3	40	56	162	252	299	155	191	326	327	122	122	129	130	169	169	212	212
	1	42	8	49	215	284	8	49	277	302							14	14
	2	42	63	148	280	323	128	174	336	339	97	97	107	107	131	131	184	184
	3	42	40	146	249	295	139	178	319	322	104	104	113	113	136	136	205	205
	1	44	4	30	196	255	4	30	244	269								
	2	44	46	116	270	319	92	143	328	335	67	67	80	80	92	92	154	154
	3	44	32	128	246	288	126	166	314	319	91	91	98	98	116	116	187	187
2070	1	40	14	71	239	280	17	71	283	299	3	3	7	7	16	16	59	59
(92)	2	40	59	144	272	318	121	162	331	338	104	104	113	113	136	136	190	190
	3	40	43	137	241	285	127	170	316	318	103	103	118	118	150	150	206	206
	1	42	8	45	209	261	8	45	266	278							7	7
	2	42	46	127	265	310	84	135	321	328	56	56	81	81	106	106	163	163
	3	42	33	124	239	279	103	156	304	306	78	78	90	90	126	126	183	183
	1	44		19	160	246		19	235	252								
	2	44	35	101	257	303	51	106	301	316	26	26	37	37	55	55	129	129
	3	44	22	109	238	271	73	131	291	296	56	56	71	71	98	98	162	162
2070	1	40	21	87	225	268	27	89	283	287	5	5	12	12	22	22	81	81
(93)	2	40	69	154	255	290	135	175	307	309	106	106	120	120	138	138	192	192
	3	40	42	148	237	270	138	176	295	298	117	117	125	125	153	153	206	206
	1	42	11	46	199	250	11	46	264	270					1	1	10	10
	2	42	49	141	251	282	112	164	301	303	79	79	91	91	113	113	165	165
	3	42	31	129	231	261	124	163	285	286	100	100	112	112	129	129	189	189
	1	44	5	26	175	231	5	26	242	251								
	2	44	40	120	238	276	83	136	291	294	54	54	66	66	80	80	140	140
	3	44	24	115	227	258	112	155	282	285	83	83	97	97	116	116	171	171
2070	1	40	36	116	278	304	44	120	300	312	12	12	17	17	26	26	89	89
(94)	2	40	98	198	297	330	163	211	322	335	111	111	116	116	146	146	191	191
	3	40	70	180	278	306	161	202	307	313	112	112	124	124	157	157	202	202
	1	42	17	74	245	291	17	74	276	299					1	1	16	16
	2	42	74	175	289	328	132	193	313	331	81	81	96	96	115	115	177	177
	3	42	58	169	271	305	137	192	304	311	95	95	107	107	134	134	189	189
	1	44	11	42	217	278	11	42	253	287								
	2	44	56	149	283	316	89	162	308	320	50	50	64	64	84	84	154	154
	3	44	42	151	265	300	120	180	301	306	83	83	91	91	114	114	177	177
2070	1	40	13	76	241	265	15	75	285	287	3	3	5	5	16	16	59	59
(95)	2	40	47	152	258	301	128	194	305	313	103	103	117	117	139	139	193	193
	3	40	44	138	246	278	141	195	296	298	114	114	122	122	141	141	209	209
	1	42	5	36	204	257	5	36	273	277							6	6
	2	42	32	132	256	287	100	164	296	304	84	84	91	91	110	110	170	170
	3	42	29	125	241	274	115	175	293	294	94	94	105	105	125	125	188	188
	1	44	2	15	171	247	2	15	246	258								
	2	44	23	110	252	280	57	125	293	301	40	40	56	56	77	77	136	136
	3	44	20	111	237	271	100	151	289	292	76	76	86	86	104	104	174	174

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(10)

City	Port Hedland	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	29	99	267	300	39	102	319	326	9	9	16	16	30	30	93	93
(96)	2	40	74	181	293	331	153	204	341	345	128	128	139	139	155	155	207	207
	3	40	62	171	277	315	158	201	336	339	124	124	137	137	165	166	217	217
	1	42	13	68	238	286	13	68	305	314							15	15
	2	42	66	156	285	324	135	181	338	341	96	96	106	106	133	133	181	181
	3	42	57	149	273	311	147	184	333	336	109	109	117	117	144	144	197	197
	1	44	8	44	196	272	8	44	276	285								
	2	44	51	129	278	316	89	141	334	337	58	58	67	67	96	96	153	153
	3	44	42	130	270	305	126	163	329	333	88	88	98	98	126	126	180	180
2070	1	40	16	64	233	266	20	65	278	282	3	3	7	7	16	16	79	79
(97)	2	40	44	144	253	288	135	187	303	306	115	115	121	121	140	140	189	189
	3	40	37	145	239	271	138	189	299	300	119	119	128	128	150	150	216	216
	1	42	7	30	214	250	7	30	266	270							5	5
	2	42	30	119	250	283	106	159	299	303	94	94	100	100	118	118	162	162
	3	42	29	122	235	264	129	175	294	295	107	107	113	113	132	132	190	190
	1	44	3	19	166	237	3	19	243	246								
	2	44	24	97	244	273	71	123	292	295	65	65	73	73	86	86	135	135
	3	44	25	110	233	264	112	163	290	291	89	89	99	99	115	115	162	162
2070	1	40	25	97	274	303	37	99	310	314	10	10	17	17	26	26	86	86
(98)	2	40	77	190	298	312	154	212	321	321	120	120	138	138	167	167	218	218
	3	40	62	181	283	306	168	210	318	318	138	138	152	152	175	175	238	238
	1	42	10	66	245	294	10	66	297	306					1	1	15	15
	2	42	60	166	295	311	121	184	320	320	92	92	101	101	126	126	188	188
	3	42	52	164	281	303	144	192	317	317	117	117	128	128	156	156	216	216
	1	44	6	37	202	282	6	37	277	294								
	2	44	46	132	288	310	80	146	317	318	50	50	64	64	87	87	158	158
	3	44	43	145	276	298	119	171	314	315	93	93	102	102	128	128	191	191
2070	1	40	9	43	241	290	17	44	300	309	10	10	15	15	25	25	76	76
(99)	2	40	30	121	274	319	117	153	331	336	108	108	117	117	134	134	179	179
	3	40	25	125	256	291	133	168	317	322	130	130	138	138	148	148	203	203
	1	42	2	26	197	268	2	26	278	287							11	11
	2	42	22	93	264	315	97	127	323	329	85	85	92	92	109	109	147	147
	3	42	21	103	248	287	116	145	310	314	104	104	124	124	134	134	180	180
	1	44	1	13	143	248	1	13	249	264								
	2	44	15	74	254	306	63	95	316	324	59	59	67	67	83	83	121	121
	3	44	17	78	240	284	98	124	307	312	90	90	101	101	120	120	157	157
2070	1	40	21	45	224	281	25	47	279	290	5	5	8	8	12	12	69	69
(00)	2	40	34	103	270	302	129	155	307	313	120	120	129	129	139	139	187	187
	3	40	28	94	249	286	143	165	299	300	137	137	147	147	164	164	204	204
	1	42	15	30	178	264	15	30	260	273							6	6
	2	42	28	85	261	296	98	124	301	304	89	89	100	100	117	117	162	162
	3	42	22	84	240	282	128	151	295	297	113	113	126	126	146	146	185	185
	1	44	6	22	132	235	6	22	248	257								
	2	44	25	69	242	292	60	89	295	302	44	44	60	60	79	79	139	139
	3	44	20	73	233	276	106	128	290	292	94	94	104	104	128	128	173	173
2070	1	40	15	45	224	282	18	46	287	301	5	5	6	6	9	9	57	57
(01)	2	40	38	122	271	318	92	139	319	325	80	80	87	87	108	108	164	164
	3	40	25	106	232	292	100	139	306	311	89	89	104	104	123	123	187	187
	1	42	5	27	179	262	6	27	262	287					1	1	5	5
	2	42	27	99	257	313	74	118	311	320	56	56	62	62	82	82	127	127
	3	42	23	93	226	286	85	120	299	305	68	68	81	81	103	103	165	165
	1	44	2	19	135	233	2	19	235	258							1	1
	2	44	21	73	243	303	47	88	306	315	34	34	42	42	58	58	97	97
	3	44	19	76	222	281	72	106	289	297	58	58	62	62	82	82	139	139

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(10a)

City	Port Hedland	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	46	170	267	298	48	170	290	290	4	4	9	9	18	18	88	88
(90)	2	40	105	231	290	325	155	233	310	310	115	138	122	152	150	183	195	195
	3	40	85	226	268	310	160	230	303	303	112	163	122	183	155	215	206	206
	1	42	27	111	248	294	27	111	275	274							14	14
	2	42	91	213	284	318	133	217	304	304	78	88	100	108	119	141	180	180
	3	42	72	223	266	307	146	227	299	299	96	123	109	143	134	184	195	195
	1	44	14	76	217	283	14	76	244	242								
	2	44	74	200	277	313	99	202	300	300	44	48	55	60	82	89	151	151
	3	44	58	210	260	302	123	216	295	295	70	87	86	103	113	143	177	177
2070	1	40	36	141	262	320	42	140	313	311	15	15	28	28	36	36	98	98
(91)	2	40	96	214	301	343	159	213	339	339	121	138	134	151	159	184	207	207
	3	40	74	212	264	323	164	215	326	326	122	167	129	179	169	208	212	212
	1	42	13	88	230	304	13	88	279	276							14	14
	2	42	78	200	296	340	139	201	336	336	97	99	107	113	131	144	184	184
	3	42	62	207	258	320	147	209	319	319	104	130	113	147	136	179	205	205
	1	44	4	59	199	286	4	59	245	244								
	2	44	56	188	279	335	97	186	328	328	67	67	80	80	92	94	154	154
	3	44	49	193	251	314	134	200	314	314	91	99	98	114	116	145	187	187
2070	1	40	21	121	248	306	23	121	284	283	3	3	7	7	16	16	59	59
(92)	2	40	76	205	284	337	130	200	331	331	104	113	113	124	136	153	190	190
	3	40	58	196	250	309	134	203	316	316	103	138	118	155	150	192	206	206
	1	42	11	79	227	290	11	79	267	266							7	7
	2	42	58	178	273	332	88	174	321	321	56	58	81	83	106	113	163	163
	3	42	49	187	245	303	112	192	304	304	78	93	90	106	126	157	183	183
	1	44	2	50	180	266	2	50	235	234								
	2	44	41	152	262	322	55	153	301	301	26	26	37	38	55	56	129	129
	3	44	35	164	239	302	80	173	291	291	56	60	71	79	98	109	162	162
2070	1	40	28	139	233	281	34	139	283	283	5	5	12	12	22	22	81	81
(93)	2	40	84	199	267	311	140	200	307	307	106	115	120	133	138	161	192	192
	3	40	65	189	241	284	145	198	295	295	117	145	125	160	153	192	206	206
	1	42	13	96	210	272	13	96	264	264					1	1	10	10
	2	42	66	176	256	307	119	181	301	301	79	82	91	96	113	119	165	165
	3	42	51	181	240	279	129	186	285	285	100	116	112	129	129	159	189	189
	1	44	8	59	183	251	8	59	242	241								
	2	44	48	163	250	294	90	169	291	291	54	54	66	66	80	84	140	140
	3	44	37	171	233	274	117	175	282	282	83	92	97	104	116	131	171	171
2070	1	40	47	172	279	328	55	172	300	299	12	12	17	17	26	26	89	89
(94)	2	40	115	241	302	342	171	245	322	322	111	130	116	139	146	183	191	191
	3	40	94	233	282	323	169	239	307	307	112	166	124	180	157	216	202	202
	1	42	22	130	263	311	22	130	283	275					1	1	16	16
	2	42	101	229	297	339	152	236	314	313	81	88	96	108	115	131	177	177
	3	42	80	221	280	318	151	229	304	304	95	121	107	146	134	180	189	189
	1	44	15	88	233	294	15	88	257	249								
	2	44	72	208	288	334	102	213	308	308	50	50	64	66	84	89	154	154
	3	44	61	211	276	311	132	220	301	301	83	92	91	108	114	147	177	177
2070	1	40	17	132	247	287	19	131	286	285	3	3	5	5	16	16	59	59
(95)	2	40	66	200	262	316	135	216	305	305	103	107	117	126	139	161	193	193
	3	40	66	192	254	296	151	213	296	296	114	146	122	168	141	203	209	209
	1	42	5	91	224	271	5	91	274	273							6	6
	2	42	49	185	258	311	108	202	296	296	84	85	91	93	110	113	170	170
	3	42	49	180	249	292	127	201	293	293	94	103	105	126	125	161	188	188
	1	44	2	46	188	257	2	46	248	245								
	2	44	32	165	256	306	64	173	293	293	40	40	56	56	77	78	136	136
	3	44	35	169	241	287	107	190	289	289	76	79	86	92	104	121	174	174

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(10a)

City	Port Hedland	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	45	156	273	324	52	156	319	319	9	9	16	16	30	30	93	93
(96)	2	40	94	237	299	349	163	245	341	341	128	137	139	153	155	174	207	207
	3	40	79	226	282	331	165	236	336	336	124	158	137	176	165	214	217	217
	1	42	21	110	248	305	21	110	305	305							15	15
	2	42	76	216	293	342	138	223	338	338	96	100	106	109	133	140	181	181
	3	42	65	217	282	328	151	225	333	333	109	133	117	146	144	176	197	197
	1	44	11	74	216	292	11	74	277	275								
	2	44	66	195	285	336	101	195	334	334	58	59	67	68	96	99	153	153
	3	44	61	204	274	324	134	213	329	329	88	98	98	112	126	146	180	180
2070	1	40	20	119	239	281	23	119	278	278	3	3	7	7	16	16	79	79
(97)	2	40	57	209	265	317	140	217	303	303	115	123	121	134	140	158	189	189
	3	40	55	198	248	293	148	210	299	299	119	145	128	165	150	203	216	216
	1	42	13	76	222	268	13	76	266	266							5	5
	2	42	47	184	254	308	116	196	299	299	94	98	100	105	118	124	162	162
	3	42	42	188	243	287	132	201	294	294	107	122	113	130	132	161	190	190
	1	44	5	43	191	251	5	43	243	243								
	2	44	30	157	249	294	74	168	292	292	65	66	73	75	86	90	135	135
	3	44	32	173	236	278	116	193	290	290	89	96	99	109	115	130	162	162
2070	1	40	38	166	284	310	46	166	310	310	10	10	17	17	26	26	86	86
(98)	2	40	91	244	303	321	158	255	321	321	120	126	138	149	167	185	218	218
	3	40	78	237	288	313	173	250	318	318	138	165	152	183	175	223	238	238
	1	42	16	108	261	305	16	108	297	297					1	1	15	15
	2	42	81	227	299	318	135	233	320	320	92	95	101	104	126	130	188	188
	3	42	66	223	285	312	149	238	317	317	117	130	128	143	156	182	216	216
	1	44	7	77	226	297	7	77	281	276								
	2	44	61	201	295	316	93	204	317	317	50	50	64	66	87	89	158	158
	3	44	55	206	282	307	124	216	314	314	93	98	102	108	128	142	191	191
2070	1	40	14	93	249	315	21	93	300	300	10	10	15	15	25	25	76	76
(99)	2	40	40	191	284	339	120	202	331	331	108	110	117	121	134	144	179	179
	3	40	34	185	264	315	135	200	317	317	130	137	138	153	148	190	203	203
	1	42	4	53	223	296	4	53	278	278							11	11
	2	42	31	166	275	333	100	178	323	323	85	85	92	92	109	110	147	147
	3	42	27	174	257	311	118	190	310	310	104	108	124	129	134	148	180	180
	1	44	2	29	169	274	2	29	249	248								
	2	44	23	138	264	328	68	145	316	316	59	59	67	67	83	83	121	121
	3	44	23	156	254	302	101	176	307	307	90	90	101	103	120	123	157	157
2070	1	40	22	85	236	296	26	85	279	279	5	5	8	8	12	12	69	69
(00)	2	40	43	169	279	318	132	191	307	307	120	129	129	136	139	154	187	187
	3	40	35	167	259	298	147	190	299	299	137	151	147	165	164	187	204	204
	1	42	19	53	199	284	19	53	260	260							6	6
	2	42	34	146	270	316	102	166	301	301	89	92	100	103	117	123	162	162
	3	42	30	153	253	297	131	181	295	295	113	124	126	134	146	161	185	185
	1	44	9	34	153	269	9	34	248	245								
	2	44	28	123	261	306	61	137	295	295	44	45	60	62	79	79	139	139
	3	44	25	132	246	294	107	159	290	290	94	99	104	109	128	135	173	173
2070	1	40	19	98	235	313	22	98	287	287	5	5	6	6	9	9	57	57
(01)	2	40	48	176	279	337	99	184	319	319	80	86	87	92	108	120	164	164
	3	40	32	170	247	310	104	181	306	306	89	102	104	127	123	165	187	187
	1	42	8	56	208	289	8	56	263	262					1	1	5	5
	2	42	38	154	273	329	80	162	311	311	56	58	62	65	82	87	127	127
	3	42	27	145	243	303	86	159	299	299	68	76	81	87	103	122	165	165
	1	44	5	34	155	271	5	34	235	234							1	1
	2	44	27	129	257	322	53	135	306	306	34	34	42	43	58	58	97	97
	3	44	25	132	229	301	74	146	289	289	58	60	62	68	82	87	139	139

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(11)

City	Port Hedland	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		12	133	217		12	203	226								
(90)	2	40	7	28	203	263	7	28	240	267								
	3	40	3	18	203	244	3	18	243	252								
	1	42		6	95	193		6	175	214								
	2	42	4	22	196	258	4	22	231	259								
	3	42	3	12	192	240	3	12	234	246								
	1	44			61	141			120	169								
	2	44	2	18	170	243	2	18	224	247								
	3	44	1	10	178	237	1	10	227	242								
2070	1	40	1	4	121	203	1	4	201	219								
(91)	2	40	2	15	188	253	2	15	240	266								
	3	40		6	178	230		6	236	247								
	1	42		2	79	167		2	171	192								
	2	42	2	9	177	241	2	9	234	253								
	3	42		4	163	226		4	233	245								
	1	44		1	49	112		1	127	162								
	2	44	2	5	155	225	2	5	220	239								
	3	44		1	154	223		1	226	239								
2070	1	40			85	183			188	206								
(92)	2	40		12	154	241		12	234	250								
	3	40		6	156	225		6	228	236								
	1	42			55	136			152	174								
	2	42		9	137	232		9	220	240								
	3	42		5	141	219		5	220	229								
	1	44			29	89			91	120								
	2	44		2	110	217		2	210	232								
	3	44		4	129	214		4	213	227								
2070	1	40	1	4	115	183	1	4	186	201								
(93)	2	40	3	14	173	229	3	14	231	241								
	3	40		8	164	209		8	227	229								
	1	42	1	1	70	150	1	1	150	176								
	2	42	1	11	163	218	1	11	221	237								
	3	42		6	154	202		6	218	222								
	1	44		1	36	112		1	113	149								
	2	44	1	8	148	203	1	8	208	223								
	3	44		5	139	197		5	211	220								
2070	1	40		9	142	231		9	195	243								
(94)	2	40	5	23	215	277	5	23	250	284								
	3	40	1	18	197	258	1	18	245	266								
	1	42		3	94	193		3	172	210								
	2	42	2	17	195	273	2	17	236	278								
	3	42		14	185	254		14	240	263								
	1	44		1	53	143		1	124	171								
	2	44	1	15	170	254	1	15	218	262								
	3	44		9	169	253		9	232	259								
2070	1	40		2	91	186		2	196	219								
(95)	2	40		6	165	247		6	242	256								
	3	40		5	156	219		5	235	238								
	1	42			43	146			159	200								
	2	42		5	146	234		5	234	250								
	3	42		5	144	216		5	228	235								
	1	44			19	101			100	147								
	2	44		4	122	214		4	221	240								
	3	44		3	128	213		3	224	234								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(11)

City	Port Hedland	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	7	112	220	1	7	202	236								
(96)	2	40	5	23	194	270	5	23	275	284								
	3	40	2	17	188	257	2	17	270	273								
	1	42	1	3	74	173	1	3	167	207								
	2	42	2	14	165	261	2	14	254	276								
	3	42	1	11	171	251	1	11	258	268								
	1	44		1	46	121		1	127	156								
	2	44	1	11	142	247	1	11	232	259								
	3	44	1	8	150	245	1	8	243	260								
2070	1	40	1	3	79	190	1	3	190	219								
(97)	2	40	3	14	165	237	3	14	240	246								
	3	40	2	8	165	219	2	8	235	238								
	1	42		2	40	139		2	148	193								
	2	42	2	8	143	231	2	8	234	244								
	3	42	2	5	146	218	2	5	232	236								
	1	44		2	22	87		2	108	143								
	2	44	2	5	119	218	2	5	224	235								
	3	44	1	5	128	216	1	5	228	232								
2070	1	40	1	6	108	231	1	6	218	255								
(98)	2	40	4	20	196	279	4	20	275	293								
	3	40	3	12	191	260	3	12	272	277								
	1	42	1	3	76	186	1	3	185	218								
	2	42	3	10	178	271	3	10	264	286								
	3	42	2	9	179	257	2	9	264	276								
	1	44		1	42	126		1	117	162								
	2	44	1	8	150	257	1	8	246	274								
	3	44	1	9	162	252	1	9	260	272								
2070	1	40		1	55	170		1	178	211								
(99)	2	40		4	136	243		4	244	261								
	3	40		2	142	219		2	236	244								
	1	42			30	116			144	172								
	2	42		3	115	236		3	232	257								
	3	42		1	119	212		1	230	239								
	1	44			16	66			95	116								
	2	44		2	90	216		2	211	242								
	3	44			101	208			223	235								
2070	1	40	2	5	56	152	2	5	192	207								
(00)	2	40	4	19	128	229	4	19	246	253								
	3	40	2	9	123	203	2	9	244	249								
	1	42		4	36	101		4	154	170								
	2	42	4	17	105	215	4	17	236	247								
	3	42	2	9	100	191	2	9	236	240								
	1	44		2	23	63		2	102	123								
	2	44	3	10	82	189	3	10	216	228								
	3	44	1	9	89	184	1	9	228	234								
2070	1	40		2	58	158		2	167	197								
(01)	2	40		9	130	230		9	227	251								
	3	40		8	120	207		8	223	233								
	1	42			35	118			120	156								
	2	42		6	115	218		6	215	237								
	3	42		4	108	201		4	217	225								
	1	44			22	65			75	98								
	2	44		5	80	193		5	203	223								
	3	44		2	93	197		2	210	220								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(11a)

City	Port Hedland	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		22	152	258		22	204	198								
(90)	2	40	10	55	214	278	10	55	241	239								
	3	40	4	42	216	257	4	42	244	242								
	1	42		14	107	230		14	177	166								
	2	42	7	43	203	275	7	43	231	230								
	3	42	4	33	207	252	4	33	236	233								
	1	44		7	76	198		7	129	102								
	2	44	4	34	193	267	4	34	227	223								
	3	44	3	26	194	250	3	26	228	226								
2070	1	40	1	9	140	241	1	9	202	201								
(91)	2	40	3	36	198	283	3	36	240	240								
	3	40		29	201	251		29	238	236								
	1	42		4	94	209		4	175	163								
	2	42	2	30	191	273	2	30	234	234								
	3	42		21	186	246		21	233	233								
	1	44		2	57	177		2	130	111								
	2	44	2	20	173	259	2	20	222	219								
	3	44		18	169	241		18	226	226								
2070	1	40		9	99	231		9	189	184								
(92)	2	40		33	178	260		33	234	233								
	3	40		14	175	237		14	230	227								
	1	42		1	68	195		1	155	142								
	2	42		19	154	254		19	221	219								
	3	42		13	162	236		13	220	219								
	1	44			39	145			96	82								
	2	44		14	135	248		14	214	209								
	3	44		8	146	231		8	216	212								
2070	1	40	1	11	131	218	1	11	188	186								
(93)	2	40	4	35	181	250	4	35	231	230								
	3	40	2	21	175	230	2	21	227	227								
	1	42	1	7	81	193	1	7	153	147								
	2	42	3	26	173	243	3	26	222	221								
	3	42		17	170	226		17	218	218								
	1	44		3	49	156		3	117	102								
	2	44	1	19	161	232	1	19	210	206								
	3	44		15	158	215		15	211	211								
2070	1	40	1	17	151	272	1	17	197	189								
(94)	2	40	9	49	232	292	9	49	254	246								
	3	40	3	34	220	272	3	34	245	243								
	1	42		12	113	235		12	177	159								
	2	42	6	42	212	286	6	42	241	231								
	3	42	1	29	208	265	1	29	243	236								
	1	44		5	67	206		5	131	103								
	2	44	2	31	193	279	2	31	222	212								
	3	44		26	188	259		26	235	227								
2070	1	40		5	104	232		5	199	192								
(95)	2	40	1	25	184	257	1	25	244	241								
	3	40	1	18	174	238	1	18	235	234								
	1	42		2	64	195		2	164	153								
	2	42		15	165	254		15	236	233								
	3	42		12	161	236		12	230	227								
	1	44			31	160			107	92								
	2	44		12	143	248		12	222	217								
	3	44		9	148	231		9	225	223								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(11a)

City	Port Hedland	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	14	127	261	1	14	203	200								
(96)	2	40	7	53	213	287	7	53	276	273								
	3	40	2	36	207	273	2	36	270	270								
	1	42	1	10	91	236	1	10	172	161								
	2	42	5	44	194	280	5	44	257	254								
	3	42	2	36	194	269	2	36	259	256								
	1	44		5	61	192		5	133	113								
	2	44	2	28	163	274	2	28	232	232								
	3	44	2	24	176	267	2	24	246	242								
2070	1	40	2	8	98	231	2	8	196	184								
(97)	2	40	3	25	187	250	3	25	240	240								
	3	40	4	19	183	233	4	19	235	235								
	1	42	1	4	56	203	1	4	154	145								
	2	42	3	19	162	245	3	19	234	234								
	3	42	2	14	171	230	2	14	232	232								
	1	44		3	29	153		3	112	100								
	2	44	2	15	137	240	2	15	224	223								
	3	44	2	13	149	229	2	13	228	228								
2070	1	40	1	10	131	271	1	10	221	213								
(98)	2	40	4	49	221	296	4	49	278	274								
	3	40	4	35	212	280	4	35	272	271								
	1	42	1	6	88	242	1	6	188	176								
	2	42	4	36	198	289	4	36	265	262								
	3	42	4	30	198	276	4	30	268	263								
	1	44	1	4	59	195	1	4	125	107								
	2	44	3	24	178	285	3	24	250	243								
	3	44	3	19	183	272	3	19	262	258								
2070	1	40		3	73	236		3	183	175								
(99)	2	40	1	15	164	269	1	15	245	243								
	3	40		13	164	253		13	237	236								
	1	42		1	39	187		1	147	137								
	2	42		13	137	263		13	233	230								
	3	42		10	147	240		10	232	230								
	1	44			21	132			96	91								
	2	44		9	112	249		9	215	209								
	3	44		8	128	232		8	225	223								
2070	1	40	2	17	69	215	2	17	196	185								
(00)	2	40	5	25	151	266	5	25	246	243								
	3	40	2	19	143	241	2	19	245	244								
	1	42		6	42	165		6	156	147								
	2	42	4	22	126	252	4	22	238	234								
	3	42	2	16	126	230	2	16	237	234								
	1	44		4	27	116		4	104	96								
	2	44	4	19	99	238	4	19	216	211								
	3	44	2	16	101	221	2	16	228	227								
2070	1	40		6	68	218		6	169	162								
(01)	2	40	2	19	154	263	2	19	228	226								
	3	40		16	139	227		16	223	223								
	1	42		3	47	169		3	127	118								
	2	42		18	132	253		18	217	214								
	3	42		15	124	219		15	217	217								
	1	44			25	126			76	67								
	2	44		13	112	237		13	204	201								
	3	44		10	112	212		10	210	209								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(12)

City	Port Hedland	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	10	36	203	263	10	36	236	267								
(90)	2	40	27	79	245	283	28	80	285	293	1	1	2	2	2	2	28	28
	3	40	15	66	234	264	17	68	274	279	2	2	3	3	5	5	59	59
	1	42	4	22	162	236	4	22	219	242								
	2	42	21	66	233	278	21	66	273	286							13	13
	3	42	12	55	231	257	13	56	265	269			1	1	1	1	24	24
	1	44		13	112	203		13	187	219								
	2	44	14	55	217	271	14	55	255	276							1	1
	3	44	8	48	225	253	8	48	256	263					1	1	10	10
2070	1	40	3	23	183	250	3	23	237	263								
(91)	2	40	11	61	229	292	12	61	294	311			1	1	6	6	48	48
	3	40	5	55	224	253	14	59	274	279	8	8	13	13	20	20	74	74
	1	42	2	9	146	216	2	9	216	232								
	2	42	8	47	215	282	8	47	276	302							12	12
	3	42	1	41	215	250	3	44	268	273			1	1	7	7	49	49
	1	44	1	4	103	191	1	4	192	210								
	2	44	4	36	199	270	4	36	258	288							1	1
	3	44		33	211	248		33	261	266							18	18
2070	1	40		16	149	238		16	225	247								
(92)	2	40	11	51	224	271	11	51	274	289					1	1	20	20
	3	40	5	46	212	242	6	48	256	259					2	2	32	32
	1	42		9	103	206		9	200	220								
	2	42	8	45	205	261	8	45	266	278							7	7
	3	42	4	34	203	238	4	34	255	257							14	14
	1	44			71	160			173	191								
	2	44	2	33	182	254	2	33	253	269							2	2
	3	44	3	26	194	237	3	26	250	253							4	4
2070	1	40	4	20	169	227	4	20	228	239								
(93)	2	40	12	61	206	258	13	61	271	279	1	1	1	1	2	2	29	29
	3	40	8	45	197	237	12	49	254	258	2	2	5	5	7	7	62	62
	1	42	1	11	138	201	1	11	203	220								
	2	42	11	45	198	250	11	45	264	270					1	1	9	9
	3	42	5	32	192	230	5	33	246	252			1	1	1	1	29	29
	1	44	1	5	85	171	1	5	174	191								
	2	44	8	35	182	241	8	35	251	261							2	2
	3	44	4	25	185	227	4	26	242	247							8	8
2070	1	40	9	35	204	277	9	35	246	284								
(94)	2	40	22	94	261	295	23	94	289	301			1	1	5	5	37	37
	3	40	17	76	251	278	21	79	282	288	4	4	5	5	10	10	61	61
	1	42	2	17	155	244	2	17	211	253								
	2	42	17	73	243	289	17	73	273	297					1	1	14	14
	3	42	12	58	236	272	14	58	273	283	2	2	2	2	2	2	34	34
	1	44	1	12	120	215	1	12	184	226								
	2	44	13	49	233	282	13	49	266	291							2	2
	3	44	6	48	230	267	7	48	270	278							13	13
2070	1	40	1	14	159	246	1	14	237	255								
(95)	2	40	5	51	220	257	5	51	278	281					3	3	17	17
	3	40	5	47	214	245	9	47	266	272	3	3	3	3	4	4	36	36
	1	42		5	111	206		5	216	235								
	2	42	5	36	200	257	5	36	272	276							6	6
	3	42	4	33	200	238	5	34	264	271	1	1	2	2	3	3	14	14
	1	44		2	64	165		2	178	208								
	2	44	2	25	188	251	2	25	258	264								
	3	44	3	23	190	237	3	23	260	267							5	5

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(12)

City	Port Hedland	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	7	32	185	268	7	32	267	282								
(96)	2	40	21	77	248	293	21	77	314	320	1	1	3	3	5	5	38	38
	3	40	13	64	242	279	19	65	298	302	5	5	7	7	11	11	61	61
	1	42	2	14	131	241	2	14	222	255								
	2	42	13	68	236	286	13	68	304	314							12	12
	3	42	8	59	233	272	11	59	295	300	1	1	2	2	5	5	35	35
	1	44	1	8	93	200	1	8	184	222								
	2	44	11	53	213	278	11	53	294	303								
	3	44	6	47	222	269	6	47	289	294					1	1	12	12
2070	1	40	3	16	158	235	3	16	237	245								
(97)	2	40	12	48	223	253	12	48	271	275							22	22
	3	40	5	41	215	238	7	43	261	264	1	1	2	2	5	5	60	60
	1	42	2	8	108	214	2	8	215	232								
	2	42	7	30	213	250	7	30	266	270							3	3
	3	42	5	30	208	233	5	30	253	254					1	1	23	23
	1	44	1	4	56	160	1	4	173	209								
	2	44	5	25	190	243	5	25	251	255								
	3	44	5	26	201	231	5	26	251	251							3	3
2070	1	40	4	27	193	275	4	27	273	291								
(98)	2	40	15	82	259	299	18	83	303	310	3	3	5	5	7	7	39	39
	3	40	12	64	249	283	20	66	295	300	6	6	9	9	16	16	67	67
	1	42	3	10	133	246	3	10	244	271								
	2	42	10	64	245	294	10	64	297	306							15	15
	3	42	9	52	241	280	15	54	289	295	3	3	4	4	8	8	39	39
	1	44	1	6	89	202	1	6	201	230								
	2	44	7	49	222	288	7	49	286	298							5	5
	3	44	9	48	232	277	9	48	288	293					3	3	21	21
2070	1	40	1	9	129	240	1	9	238	260								
(99)	2	40	4	32	223	276	5	32	288	296					4	4	31	31
	3	40	2	25	208	255	6	25	277	282	3	3	8	8	15	15	59	59
	1	42		3	79	197		3	207	236								
	2	42	2	26	194	266	2	26	276	284							10	10
	3	42	1	22	197	252	2	22	271	274			1	1	4	4	33	33
	1	44		1	42	145		1	160	194								
	2	44	2	15	168	258	2	15	267	277							2	2
	3	44		18	187	241	1	18	260	264							14	14
2070	1	40	5	21	118	224	5	21	241	250								
(00)	2	40	19	34	195	270	19	34	261	276			1	1	1	1	23	23
	3	40	9	29	185	247	13	31	256	261	3	3	4	4	5	5	43	43
	1	42	4	16	72	176	4	16	213	225								
	2	42	15	29	176	264	15	29	259	273							6	6
	3	42	9	24	177	240	9	24	253	259	1	1	1	1	2	2	22	22
	1	44	2	6	43	125	2	6	177	193								
	2	44	7	25	151	246	7	25	255	262								
	3	44	9	22	167	232	9	22	253	258					1	1	6	6
2070	1	40	2	15	126	227	2	15	225	249								
(01)	2	40	8	35	202	274	9	35	273	296	1	1	1	1	3	3	14	14
	3	40	4	26	194	237	6	27	258	268	1	1	3	3	5	5	35	35
	1	42		6	72	183		6	196	218								
	2	42	5	27	176	260	6	27	259	286					1	1	4	4
	3	42	3	23	182	227	4	23	254	261					1	1	16	16
	1	44		3	47	134		3	151	178								
	2	44	4	19	156	246	4	19	246	274							1	1
	3	44	1	20	159	219	1	20	248	256							5	5

APPENDIX - 8

(Predicted dangerous days for projected 2070 conditions)

Table - 8(12a)

City	Port Hedland	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	14	66	206	277	14	66	236	235								
(90)	2	40	34	138	260	294	35	138	286	285	1	1	2	2	2	2	28	28
	3	40	19	130	242	278	21	129	274	274	2	2	3	3	5	5	59	59
	1	42	7	43	180	265	7	43	220	217								
	2	42	27	108	245	294	27	108	274	273							13	13
	3	42	18	106	237	272	19	106	265	265			1	1	1	1	24	24
	1	44	2	27	128	243	2	27	195	182								
	2	44	21	88	233	286	21	88	257	255							1	1
	3	44	12	88	231	267	12	88	256	256					1	1	10	10
2070	1	40	4	48	197	281	4	48	237	237								
(91)	2	40	20	109	247	314	21	109	297	294			1	1	6	6	48	48
	3	40	9	104	228	279	18	103	274	274	8	8	13	13	20	20	74	74
	1	42	2	28	161	255	2	28	218	215								
	2	42	12	87	229	303	12	87	278	275							12	12
	3	42	6	88	225	273	8	87	268	268			1	1	7	7	49	49
	1	44	2	11	111	227	2	11	192	187								
	2	44	8	76	213	293	8	76	260	258							1	1
	3	44	4	73	219	267	4	73	262	261							18	18
2070	1	40	1	45	168	260	1	45	226	225								
(92)	2	40	14	94	238	300	14	94	274	274					1	1	20	20
	3	40	6	90	219	264	7	91	256	256					2	2	32	32
	1	42		19	127	245		19	204	199								
	2	42	11	79	223	289	11	79	267	266							7	7
	3	42	6	74	213	256	6	74	255	255							14	14
	1	44		11	84	218		11	174	166								
	2	44	8	63	205	279	8	63	255	252							2	2
	3	44	5	65	208	256	5	65	250	250							4	4
2070	1	40	7	45	180	250	7	45	229	228								
(93)	2	40	19	115	225	276	20	115	271	271	1	1	1	1	2	2	29	29
	3	40	11	103	202	252	15	102	254	254	2	2	5	5	7	7	62	62
	1	42	3	26	157	230	3	26	207	202								
	2	42	13	95	206	272	13	95	264	264					1	1	9	9
	3	42	8	88	198	251	8	88	246	246			1	1	1	1	29	29
	1	44	1	12	108	204	1	12	175	171								
	2	44	11	70	197	263	11	70	252	251							2	2
	3	44	6	68	194	244	6	68	242	242							8	8
2070	1	40	12	73	222	289	12	73	248	241								
(94)	2	40	31	143	277	316	32	143	293	288			1	1	5	5	37	37
	3	40	23	134	255	298	26	135	283	282	4	4	5	5	10	10	61	61
	1	42	5	42	178	278	5	42	217	207								
	2	42	22	129	261	310	22	129	281	273					1	1	14	14
	3	42	18	122	254	289	20	122	273	273	2	2	2	2	2	2	34	34
	1	44	1	22	140	259	1	22	188	175								
	2	44	17	105	242	298	17	105	267	263							2	2
	3	44	14	103	241	286	14	103	271	269							13	13
2070	1	40	2	36	173	257	2	36	237	235								
(95)	2	40	12	105	239	279	12	105	279	278					3	3	17	17
	3	40	7	93	219	264	11	93	266	266	3	3	3	3	4	4	36	36
	1	42		15	133	246		15	219	214								
	2	42	5	91	221	269	5	91	272	271							6	6
	3	42	5	82	215	258	6	82	264	264	1	1	2	2	3	3	14	14
	1	44		5	90	215		5	185	175								
	2	44	5	64	199	260	5	64	258	256								
	3	44	5	73	206	254	5	73	260	259							5	5

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(12a)

City	Port Hedland	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	10	68	203	286	10	68	269	265								
(96)	2	40	28	126	266	314	28	126	314	314	1	1	3	3	5	5	38	38
	3	40	21	115	251	299	26	115	298	298	5	5	7	7	11	11	61	61
	1	42	5	44	156	272	5	44	224	220								
	2	42	21	107	248	305	21	107	304	304							12	12
	3	42	17	106	244	287	19	106	295	295	1	1	2	2	5	5	35	35
	1	44	1	21	109	248	1	21	188	179								
	2	44	13	92	236	297	13	92	295	293								
	3	44	11	90	239	284	11	90	289	289					1	1	12	12
2070	1	40	4	30	169	250	4	30	237	237								
(97)	2	40	15	93	232	272	15	93	271	271							22	22
	3	40	9	97	219	258	11	97	261	261	1	1	2	2	5	5	60	60
	1	42	3	19	125	237	3	19	216	214								
	2	42	13	72	222	267	13	72	266	266							3	3
	3	42	8	71	218	254	8	71	253	253					1	1	23	23
	1	44	2	12	74	219	2	12	181	167								
	2	44	7	55	212	260	7	55	251	251								
	3	44	5	60	215	249	5	60	251	251							3	3
2070	1	40	6	65	204	294	6	65	273	272								
(98)	2	40	24	129	273	308	27	129	303	303	3	3	5	5	7	7	39	39
	3	40	15	127	257	297	23	127	295	295	6	6	9	10	16	16	67	67
	1	42	4	36	167	282	4	36	246	241								
	2	42	16	106	260	305	16	106	297	297							15	15
	3	42	12	103	252	293	17	104	289	289	3	3	4	4	8	8	39	39
	1	44	1	15	105	259	1	15	204	193								
	2	44	10	90	244	301	10	90	287	286							5	5
	3	44	9	88	244	290	9	88	288	288					3	3	21	21
2070	1	40	1	26	151	266	1	26	239	236								
(99)	2	40	9	71	239	303	10	71	288	288					4	4	31	31
	3	40	5	67	216	280	8	67	277	277	3	3	8	8	15	15	59	59
	1	42		13	95	247		13	207	203								
	2	42	4	51	223	293	4	51	276	276							10	10
	3	42	2	52	210	268	4	52	271	271			1	1	4	4	33	33
	1	44		4	55	220		4	161	152								
	2	44	2	38	192	283	2	38	267	267							2	2
	3	44	1	40	201	264	1	40	261	260							14	14
2070	1	40	6	29	138	263	6	29	242	239								
(00)	2	40	19	67	222	290	19	67	261	261			1	1	1	1	23	23
	3	40	14	57	194	268	17	57	256	256	3	3	4	4	5	5	43	43
	1	42	4	22	89	234	4	22	213	206								
	2	42	19	53	196	284	19	53	259	259							6	6
	3	42	9	50	188	262	9	50	253	253	1	1	1	1	2	2	22	22
	1	44	3	19	53	192	3	19	181	170								
	2	44	15	42	173	278	15	42	255	255								
	3	44	9	43	183	257	9	43	253	253					1	1	6	6
2070	1	40	3	27	142	260	3	27	226	224								
(01)	2	40	13	68	224	301	14	68	273	273	1	1	1	1	3	3	14	14
	3	40	10	57	201	274	12	58	258	258	1	1	3	3	5	5	35	35
	1	42		18	97	233		18	198	193								
	2	42	8	55	206	287	8	55	259	259					1	1	4	4
	3	42	8	48	197	261	9	48	254	254					1	1	16	16
	1	44		8	57	200		8	155	144								
	2	44	5	45	175	278	5	45	246	246							1	1
	3	44	4	36	191	250	4	36	248	248							5	5

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(13)

City	Port Hedland	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	17	133	217	1	17	203	226								
(90)	2	40	12	42	204	265	12	42	240	268								
	3	40	6	31	203	244	6	31	244	253								
	1	42		9	95	193		9	175	214								
	2	42	8	33	196	258	8	33	233	261								
	3	42	4	21	192	241	4	21	235	248								
	1	44		4	61	141		4	120	169								
	2	44	6	25	170	243	6	25	224	247								
	3	44	4	18	179	237	4	18	227	242								
2070	1	40	2	5	121	203	2	5	201	219								
(91)	2	40	4	26	188	254	4	26	240	267								
	3	40		19	178	230		19	239	250								
	1	42		3	80	168		3	172	193								
	2	42	2	20	177	241	2	20	235	254								
	3	42		12	164	228		12	233	246								
	1	44		2	49	112		2	127	162								
	2	44	2	11	155	225	2	11	222	241								
	3	44		7	155	224		7	227	240								
2070	1	40		2	85	183		2	188	206								
(92)	2	40		19	155	242		19	234	251								
	3	40		11	156	226		11	230	238								
	1	42			56	137			152	174								
	2	42		14	138	233		14	222	242								
	3	42		6	141	221		6	223	234								
	1	44			29	89			91	120								
	2	44		10	110	217		10	210	232								
	3	44		6	129	215		6	213	227								
2070	1	40	1	8	115	183	1	8	187	202								
(93)	2	40	4	24	173	229	4	24	234	244								
	3	40	3	15	164	211	3	15	230	232								
	1	42	1	4	71	151	1	4	150	176								
	2	42	3	18	164	219	3	18	221	237								
	3	42	2	12	154	203	2	12	221	225								
	1	44		1	36	112		1	113	149								
	2	44	1	12	148	203	1	12	208	223								
	3	44		8	139	197		8	212	221								
2070	1	40	1	15	142	231	1	15	196	244								
(94)	2	40	9	39	215	277	9	39	252	286								
	3	40	3	26	197	258	3	26	249	269								
	1	42		8	94	193		8	172	210								
	2	42	6	29	197	273	6	29	236	278								
	3	42	1	24	185	256	1	24	240	264								
	1	44		2	53	143		2	124	171								
	2	44	5	22	170	254	5	22	219	263								
	3	44	1	20	169	253	1	20	234	261								
2070	1	40		3	92	187		3	196	219								
(95)	2	40	2	15	165	247	2	15	244	258								
	3	40	1	10	156	220	1	10	238	241								
	1	42		1	43	146		1	159	200								
	2	42		11	146	234		11	234	250								
	3	42	1	7	144	217	1	7	231	238								
	1	44			19	101			100	147								
	2	44		5	122	214		5	222	241								
	3	44		5	128	214		5	224	234								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(13)

City	Port Hedland	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	11	112	220	1	11	203	237								
(96)	2	40	7	41	194	270	7	41	275	284								
	3	40	3	28	189	258	3	28	274	277								
	1	42	1	6	74	173	1	6	168	208								
	2	42	6	27	165	261	6	27	254	276								
	3	42	2	22	171	251	2	22	260	270								
	1	44	1	2	46	121	1	2	127	156								
	2	44	3	19	142	247	3	19	234	261								
	3	44	2	17	150	246	2	17	245	263								
2070	1	40	2	5	79	190	2	5	190	219								
(97)	2	40	3	18	165	237	3	18	241	246								
	3	40	4	13	165	222	4	13	237	240								
	1	42	1	3	40	139	1	3	148	193								
	2	42	3	15	143	231	3	15	235	245								
	3	42	3	10	146	218	3	10	232	236								
	1	44		2	22	87		2	108	143								
	2	44	2	11	119	218	2	11	224	235								
	3	44	2	9	128	217	2	9	230	234								
2070	1	40	1	7	108	231	1	7	218	255								
(98)	2	40	6	30	197	279	6	30	275	293								
	3	40	5	21	191	261	5	21	272	278								
	1	42	1	4	76	186	1	4	185	218								
	2	42	4	22	178	271	4	22	266	288								
	3	42	4	15	179	257	4	15	265	277								
	1	44	1	2	42	126	1	2	117	162								
	2	44	4	13	150	257	4	13	247	275								
	3	44	4	12	162	252	4	12	262	274								
2070	1	40		2	55	170		2	180	213								
(99)	2	40	1	10	137	244	1	10	246	263								
	3	40		9	142	220		9	238	245							1	1
	1	42			30	116			144	172								
	2	42		7	115	236		7	233	258								
	3	42		6	119	213		6	231	240								
	1	44			16	66			95	116								
	2	44		4	90	216		4	212	243								
	3	44		4	101	209		4	225	237								
2070	1	40	3	10	56	152	3	10	192	207								
(00)	2	40	6	22	128	229	6	22	246	253								
	3	40	3	16	123	206	3	16	246	251								
	1	42	1	5	36	101	1	5	154	170								
	2	42	4	19	105	215	4	19	237	248								
	3	42	2	15	100	192	2	15	238	242								
	1	44		4	23	63		4	102	123								
	2	44	4	19	83	189	4	19	218	230								
	3	44	2	11	89	185	2	11	229	236								
2070	1	40		5	58	158		5	167	197								
(01)	2	40	2	16	130	230	2	16	231	255							1	1
	3	40		12	120	207		12	228	238								
	1	42		1	35	118		1	120	156								
	2	42	1	11	115	218	1	11	217	239								
	3	42		10	108	203		10	219	227								
	1	44			22	65			75	98								
	2	44		8	81	193		8	203	223								
	3	44		8	93	198		8	212	222								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(13a)

City	Port Hedland	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	4	33	152	258	4	33	204	198								
(90)	2	40	14	75	215	280	14	75	241	239								
	3	40	7	59	216	259	7	59	245	243								
	1	42		20	107	230		20	177	166								
	2	42	12	63	203	275	12	63	233	232								
	3	42	7	51	207	254	7	51	237	234								
	1	44		12	76	198		12	129	102								
	2	44	8	48	193	267	8	48	227	223								
	3	44	4	43	195	252	4	43	228	226								
2070	1	40	2	20	140	241	2	20	202	201								
(91)	2	40	4	54	198	284	4	54	240	240								
	3	40		48	201	252		48	241	239								
	1	42	1	7	95	210	1	7	176	164								
	2	42	4	42	191	273	4	42	235	235								
	3	42		36	187	248		36	233	233								
	1	44		4	57	177		4	130	111								
	2	44	2	33	173	260	2	33	224	221								
	3	44		29	170	243		29	227	227								
2070	1	40		14	99	231		14	189	184								
(92)	2	40	1	50	179	262	1	50	234	233								
	3	40	1	38	175	239	1	38	232	229								
	1	42		8	69	196		8	155	142								
	2	42		37	155	256		37	223	221								
	3	42		29	162	236		29	223	222								
	1	44			39	145			96	82								
	2	44		29	135	249		29	214	209								
	3	44		15	146	232		15	216	212								
2070	1	40	1	18	131	218	1	18	189	187								
(93)	2	40	8	54	181	251	8	54	234	233								
	3	40	4	38	175	234	4	38	230	230								
	1	42	1	11	82	193	1	11	153	147								
	2	42	4	43	174	245	4	43	222	221								
	3	42	3	26	170	228	3	26	221	221								
	1	44	1	4	49	156	1	4	117	102								
	2	44	3	30	161	233	3	30	210	206								
	3	44	2	21	158	220	2	21	212	212								
2070	1	40	2	29	151	272	2	29	198	190								
(94)	2	40	13	82	232	294	13	82	256	248								
	3	40	4	61	220	277	4	61	249	247								
	1	42	1	17	113	235	1	17	177	159								
	2	42	10	61	214	286	10	61	241	231								
	3	42	4	49	208	268	4	49	243	236								
	1	44		9	67	206		9	131	103								
	2	44	6	45	193	279	6	45	223	213								
	3	44	3	35	188	260	3	35	237	229								
2070	1	40		11	105	233		11	199	192								
(95)	2	40	2	42	184	257	2	42	246	243								
	3	40	2	38	174	241	2	38	238	237								
	1	42		5	64	195		5	164	153								
	2	42	2	31	165	255	2	31	236	233								
	3	42	1	26	161	237	1	26	233	230								
	1	44		2	31	160		2	107	92								
	2	44		20	143	249		20	223	218								
	3	44	1	18	148	231	1	18	225	223								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(13a)

City	Port Hedland	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	27	127	261	2	27	204	201								
(96)	2	40	11	72	213	290	11	72	276	273								
	3	40	6	62	207	276	6	62	274	274								
	1	42	1	13	91	236	1	13	173	162								
	2	42	7	62	194	281	7	62	257	254								
	3	42	4	50	194	270	4	50	261	258								
	1	44	1	7	61	192	1	7	133	113								
	2	44	6	47	163	274	6	47	234	234								
	3	44	2	38	176	268	2	38	248	244								
2070	1	40	2	15	98	231	2	15	196	184								
(97)	2	40	5	37	187	250	5	37	241	241								
	3	40	4	34	183	235	4	34	237	237								
	1	42	1	7	56	203	1	7	154	145								
	2	42	3	28	162	245	3	28	235	235								
	3	42	4	28	171	231	4	28	232	232								
	1	44		3	29	153		3	112	100								
	2	44	3	21	137	240	3	21	224	223								
	3	44	4	22	149	229	4	22	230	230								
2070	1	40	3	22	131	271	3	22	221	213								
(98)	2	40	7	73	221	296	7	73	278	274								
	3	40	7	58	212	282	7	58	272	271								
	1	42	1	10	88	242	1	10	188	176								
	2	42	6	59	198	290	6	59	267	264								
	3	42	6	50	199	278	6	50	269	264								
	1	44	1	6	59	195	1	6	125	107								
	2	44	4	45	178	285	4	45	251	244								
	3	44	4	39	184	274	4	39	264	260								
2070	1	40		7	73	236		7	185	177								
(99)	2	40	2	27	165	272	2	27	247	245								
	3	40		23	164	253		23	239	238							1	1
	1	42		2	39	187		2	147	137								
	2	42	1	20	137	263	1	20	234	231								
	3	42		20	147	241		20	233	231								
	1	44		1	21	132		1	96	91								
	2	44		15	112	250		15	216	210								
	3	44		13	128	235		13	227	225								
2070	1	40	4	19	69	215	4	19	196	185								
(00)	2	40	7	34	151	267	7	34	246	243								
	3	40	4	28	143	244	4	28	247	246								
	1	42	2	14	42	165	2	14	156	147								
	2	42	6	27	126	253	6	27	239	235								
	3	42	4	22	126	234	4	22	239	236								
	1	44		6	27	116		6	104	96								
	2	44	4	23	100	238	4	23	218	213								
	3	44	2	19	101	223	2	19	229	228								
2070	1	40		11	68	218		11	169	162								
(01)	2	40	4	32	154	266	4	32	232	230							1	1
	3	40		24	139	230		24	228	228								
	1	42		5	47	169		5	127	118								
	2	42	2	22	132	255	2	22	219	216								
	3	42		20	124	219		20	219	219								
	1	44		2	25	126		2	76	67								
	2	44	1	19	113	237	1	19	204	201								
	3	44		17	112	215		17	212	211								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(14)

City	Port Hedland	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	8	32	196	258	8	32	233	261								
(90)	2	40	22	75	237	280	22	75	276	288					2	2	19	19
	3	40	12	57	232	257	13	58	266	269			1	1	2	2	27	27
	1	42	4	20	147	229	4	20	209	232								
	2	42	18	62	222	276	18	62	263	281							6	6
	3	42	8	51	225	253	8	51	259	264					1	1	11	11
	1	44		12	103	199		12	180	216								
	2	44	14	47	208	268	14	47	251	273								
	3	44	7	42	217	252	7	42	250	259							3	3
2070	1	40	2	18	177	241	2	18	234	254								
(91)	2	40	9	52	218	284	9	52	281	303							22	22
	3	40	3	47	215	251	6	50	269	275			5	5	10	10	54	54
	1	42	2	6	134	211	2	6	208	227								
	2	42	5	41	210	274	5	41	267	293							4	4
	3	42	1	34	212	248	1	34	261	266							22	22
	1	44	1	4	90	178	1	4	179	200								
	2	44	4	33	197	259	4	33	250	276								
	3	44		29	205	243		29	254	262							7	7
2070	1	40		14	137	232		14	222	242								
(92)	2	40	9	46	211	262	9	46	267	279							12	12
	3	40	5	35	206	238	5	35	255	257							18	18
	1	42		7	91	193		7	195	211								
	2	42	2	36	189	257	2	36	258	273							4	4
	3	42	4	27	194	237	4	27	251	254							6	6
	1	44			61	148			162	182								
	2	44	1	25	169	249	1	25	241	257								
	3	44	2	14	179	233	2	14	242	247							2	2
2070	1	40	3	15	164	219	3	15	221	237								
(93)	2	40	11	52	202	250	11	52	267	273			1	1	1	1	16	16
	3	40	5	35	192	230	5	36	248	253			1	1	3	3	34	34
	1	42	1	9	124	192	1	9	194	208								
	2	42	8	43	189	244	8	43	254	265							3	3
	3	42	5	25	185	227	5	26	242	247							9	9
	1	44	1	4	77	158	1	4	160	181								
	2	44	7	29	180	233	7	29	244	253							1	1
	3	44	4	21	178	220	4	21	237	241							5	5
2070	1	40	6	28	197	273	6	28	235	278								
(94)	2	40	17	79	247	292	17	79	280	300					1	1	22	22
	3	40	13	59	237	275	15	60	275	285	2	2	2	2	3	3	37	37
	1	42	2	15	148	236	2	15	202	245								
	2	42	15	59	237	286	15	59	269	294							3	3
	3	42	6	49	230	267	7	49	271	278					1	1	16	16
	1	44		9	108	204		9	178	219								
	2	44	12	44	224	279	12	44	259	289							1	1
	3	44	4	34	221	260	5	34	263	272							4	4
2070	1	40		11	146	234		11	232	250								
(95)	2	40	5	41	210	257	5	41	276	280							9	9
	3	40	5	35	201	238	7	36	265	272	1	1	2	2	3	3	18	18
	1	42		5	99	195		5	207	227								
	2	42	4	30	193	254	4	30	267	272							1	1
	3	42	3	25	190	237	3	25	261	268					1	1	5	5
	1	44		2	52	153		2	170	206								
	2	44	2	19	177	247	2	19	252	260								
	3	44	2	18	180	231	2	18	249	253							3	3

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(14)

City	Port Hedland	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	6	27	165	261	6	27	252	275								
(96)	2	40	14	71	241	288	14	71	306	315							19	19
	3	40	11	61	234	274	15	62	295	300	1	1	2	2	5	5	38	38
	1	42	1	13	120	234	1	13	213	250								
	2	42	11	59	223	280	11	59	299	306							5	5
	3	42	6	49	222	269	6	49	289	294					1	1	15	15
	1	44	1	7	81	189	1	7	180	215								
	2	44	10	46	203	274	10	46	285	292								
	3	44	6	36	215	268	6	36	288	292							5	5
2070	1	40	3	15	143	231	3	15	234	244								
(97)	2	40	8	33	216	250	8	33	268	271							9	9
	3	40	5	32	211	233	5	32	257	258			1	1	1	1	23	23
	1	42	2	7	93	200	2	7	208	225								
	2	42	5	26	197	245	5	26	256	260								
	3	42	5	26	202	231	5	26	251	251							6	6
	1	44	1	3	52	150	1	3	162	201								
	2	44	4	20	173	240	4	20	247	251								
	3	44	4	19	188	230	4	19	245	246							2	2
2070	1	40	4	22	178	271	4	22	266	288								
(98)	2	40	10	72	247	296	10	72	299	307					2	2	22	22
	3	40	9	55	243	281	15	57	291	296	3	3	4	4	9	9	44	44
	1	42	2	9	121	238	2	9	231	264								
	2	42	8	59	232	290	8	59	289	300							9	9
	3	42	9	50	232	277	9	50	288	293			2	2	4	4	24	24
	1	44	1	6	86	195	1	6	192	225								
	2	44	6	41	205	285	6	41	280	295							1	1
	3	44	7	35	213	274	7	35	281	289							10	10
2070	1	40		7	115	236		7	232	258								
(99)	2	40	3	27	202	271	3	27	282	290					1	1	13	13
	3	40	1	22	200	254	3	22	272	277			2	2	4	4	34	34
	1	42		2	65	182		2	195	223								
	2	42	2	20	179	263	2	20	273	282							6	6
	3	42		18	187	241	1	18	265	268					2	2	15	15
	1	44		1	36	130		1	151	178								
	2	44	1	15	155	250	1	15	257	269								
	3	44		13	171	235		13	254	260							6	6
2070	1	40	4	19	105	215	4	19	236	247								
(00)	2	40	17	33	183	267	17	33	261	274							11	11
	3	40	9	25	181	241	10	26	253	259	1	1	1	1	3	3	26	26
	1	42	3	14	62	165	3	14	203	216								
	2	42	11	27	162	253	11	27	257	268								
	3	42	9	22	167	232	9	22	253	258			1	1	1	1	8	8
	1	44	2	5	36	113	2	5	164	179								
	2	44	6	23	139	239	6	23	252	259								
	3	44	5	19	154	224	5	19	252	255							4	4
2070	1	40	1	11	115	218	1	11	214	237								
(01)	2	40	6	30	185	265	7	30	264	288			1	1	1	1	9	9
	3	40	3	24	185	227	4	24	254	261					2	2	18	18
	1	42		5	60	166		5	177	202								
	2	42	5	22	165	253	5	22	250	279							3	3
	3	42	2	20	159	219	2	21	249	256							7	7
	1	44		2	41	124		2	132	165								
	2	44	3	19	144	237	3	19	237	260							1	1
	3	44		16	145	215		16	243	249							3	3

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(14a)

City	Port Hedland	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	12	62	203	275	12	62	233	232								
(90)	2	40	29	123	251	294	29	123	279	276					2	2	19	19
	3	40	18	110	237	275	19	110	266	266			1	1	2	2	27	27
	1	42	6	37	167	263	6	37	210	207								
	2	42	22	94	238	290	22	94	265	263							6	6
	3	42	13	92	233	268	13	92	259	259					1	1	11	11
	1	44		22	115	235		22	183	171								
	2	44	18	79	221	283	18	79	251	251								
	3	44	10	78	226	266	10	78	250	250							3	3
2070	1	40	4	41	188	273	4	41	234	233								
(91)	2	40	15	96	234	306	15	96	282	281							22	22
	3	40	7	89	225	273	10	88	269	269			5	5	10	10	54	54
	1	42	2	23	153	250	2	23	211	208								
	2	42	9	79	219	299	9	79	268	266							4	4
	3	42	4	74	223	267	4	74	262	261							22	22
	1	44	1	9	102	214	1	9	182	175								
	2	44	5	62	207	290	5	62	251	250								
	3	44	1	66	212	261	1	66	254	254							7	7
2070	1	40		36	152	256		36	223	221								
(92)	2	40	13	83	232	291	13	83	268	267							12	12
	3	40	6	74	213	259	6	74	255	255							18	18
	1	42		17	107	236		17	197	192								
	2	42	9	71	213	279	9	71	259	258							4	4
	3	42	5	66	212	256	5	66	251	251							6	6
	1	44		9	78	205		9	166	157								
	2	44	2	56	188	272	2	56	242	240								
	3	44	4	54	198	248	4	54	242	242							2	2
2070	1	40	4	43	172	244	4	43	222	221								
(93)	2	40	14	100	214	276	14	100	267	267			1	1	1	1	16	16
	3	40	8	89	198	251	8	89	248	248			1	1	3	3	34	34
	1	42	1	22	144	226	1	22	198	193								
	2	42	11	83	203	266	11	83	255	254							3	3
	3	42	6	73	196	245	6	73	242	242							9	9
	1	44	1	11	95	201	1	11	163	158								
	2	44	8	64	188	258	8	64	244	244							1	1
	3	44	5	56	191	239	5	56	237	237							5	5
2070	1	40	9	59	213	286	9	59	240	230								
(94)	2	40	25	135	269	312	25	135	288	279					1	1	22	22
	3	40	20	122	254	291	22	122	275	275	2	2	2	2	3	3	37	37
	1	42	5	37	167	277	5	37	212	199								
	2	42	18	116	248	303	18	116	272	269							3	3
	3	42	14	105	246	286	14	105	271	270					1	1	16	16
	1	44	1	17	127	243	1	17	182	166								
	2	44	15	94	237	296	15	94	261	255							1	1
	3	44	10	89	233	281	10	89	264	263							4	4
2070	1	40	2	30	164	254	2	30	234	231								
(95)	2	40	8	94	229	275	8	94	278	276							9	9
	3	40	5	84	216	260	7	84	265	265	1	1	2	2	3	3	18	18
	1	42		15	120	245		15	213	205								
	2	42	5	75	212	264	5	75	268	266							1	1
	3	42	5	74	210	255	5	74	261	260					1	1	5	5
	1	44		5	75	205		5	173	164								
	2	44	4	52	191	257	4	52	254	252								
	3	44	3	65	193	252	3	65	250	249							3	3

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(14a)

City	Port Hedland	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	7	60	193	280	7	60	255	252								
(96)	2	40	23	114	254	307	23	114	306	306							19	19
	3	40	17	106	244	289	20	106	295	295	1	1	2	2	5	5	38	38
	1	42	3	35	142	268	3	35	219	211								
	2	42	16	97	243	300	16	97	299	299							5	5
	3	42	12	97	241	285	12	97	289	289					1	1	15	15
	1	44	1	14	99	241	1	14	185	174								
	2	44	11	79	223	295	11	79	285	284								
	3	44	8	77	228	281	8	77	288	288							5	5
2070	1	40	3	26	162	245	3	26	234	234								
(97)	2	40	15	81	227	270	15	81	268	268							9	9
	3	40	9	73	218	256	9	73	257	257			1	1	1	1	23	23
	1	42	2	16	114	235	2	16	211	205								
	2	42	8	64	216	266	8	64	256	256								
	3	42	5	63	215	249	5	63	251	251							6	6
	1	44	2	8	66	213	2	8	166	156								
	2	44	5	50	197	254	5	50	247	247								
	3	44	5	51	202	246	5	51	245	245							2	2
2070	1	40	6	59	195	290	6	59	267	264								
(98)	2	40	22	114	268	305	22	114	300	299					2	2	22	22
	3	40	12	104	252	294	17	105	291	291	3	3	4	4	9	9	44	44
	1	42	4	27	150	275	4	27	235	227								
	2	42	11	96	251	303	11	96	290	289							9	9
	3	42	9	91	248	291	9	91	288	288			2	2	4	4	24	24
	1	44	1	10	96	246	1	10	194	181								
	2	44	8	84	232	299	8	84	282	279							1	1
	3	44	9	75	238	287	9	75	282	281							10	10
2070	1	40	1	20	136	263	1	20	233	230								
(99)	2	40	4	60	235	299	4	60	283	282					1	1	13	13
	3	40	4	56	210	271	6	56	272	272			2	2	4	4	34	34
	1	42		9	86	240		9	198	191								
	2	42	3	43	207	289	3	43	273	273							6	6
	3	42	2	41	206	266	2	41	265	265					2	2	15	15
	1	44		3	45	197		3	151	142								
	2	44	2	35	176	277	2	35	258	256								
	3	44	1	34	189	263	1	34	255	254							6	6
2070	1	40	6	27	124	252	6	27	238	234								
(00)	2	40	19	58	207	285	19	58	261	261							11	11
	3	40	11	51	188	263	12	51	253	253	1	1	1	1	3	3	26	26
	1	42	4	21	79	224	4	21	205	196								
	2	42	17	45	185	281	17	45	257	257								
	3	42	9	46	185	257	9	46	253	253			1	1	1	1	8	8
	1	44	2	17	46	176	2	17	167	159								
	2	44	11	35	161	271	11	35	252	250								
	3	44	9	35	173	253	9	35	252	252							4	4
2070	1	40	2	22	130	253	2	22	216	213								
(01)	2	40	10	57	212	292	10	57	267	264			1	1	1	1	9	9
	3	40	8	50	197	263	9	50	254	254					2	2	18	18
	1	42		15	76	227		15	180	175								
	2	42	6	45	188	281	6	45	253	250							3	3
	3	42	4	39	194	250	4	39	249	249							7	7
	1	44		6	47	183		6	135	127								
	2	44	5	39	164	274	5	39	237	237							1	1
	3	44	2	29	172	245	2	29	243	243							3	3

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(15)

City	Port Hedland	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	9	35	201	260	9	35	235	264								
(90)	2	40	24	76	242	283	24	76	285	293	1	1	1	1	2	2	24	24
	3	40	13	64	233	261	14	65	271	274	1	1	2	2	5	5	44	44
	1	42	4	21	156	232	4	21	216	237								
	2	42	20	64	230	276	20	64	269	283							9	9
	3	42	10	53	227	256	11	54	264	267					1	1	16	16
	1	44		12	108	200		12	185	217								
	2	44	14	50	215	270	14	50	254	275								
	3	44	7	47	224	252	7	47	256	262					1	1	7	7
2070	1	40	3	22	180	245	3	22	235	257								
(91)	2	40	10	59	226	287	10	59	289	307					3	3	37	37
	3	40	4	53	220	252	11	56	271	278	3	3	7	7	12	12	67	67
	1	42	2	8	142	212	2	8	210	227								
	2	42	6	44	214	275	6	44	273	298							8	8
	3	42	1	37	212	249	1	38	268	272					5	5	39	39
	1	44	1	4	96	189	1	4	184	207								
	2	44	4	34	199	263	4	34	254	280							1	1
	3	44		31	208	246		31	258	266							14	14
2070	1	40		14	144	237		14	224	246								
(92)	2	40	10	50	220	267	10	50	273	285					1	1	14	14
	3	40	5	42	209	240	6	44	256	258					1	1	25	25
	1	42		8	97	204		8	198	217								
	2	42	8	38	197	258	8	38	262	275							6	6
	3	42	4	32	200	238	4	32	253	256							9	9
	1	44			65	154			167	186								
	2	44	1	32	177	253	1	32	246	264							1	1
	3	44	2	21	190	237	2	21	246	250							4	4
2070	1	40	4	20	167	224	4	20	224	239								
(93)	2	40	12	59	204	251	13	59	269	274	1	1	1	1	1	1	23	23
	3	40	6	39	195	234	8	42	251	257	1	1	1	1	4	4	52	52
	1	42	1	11	133	197	1	11	200	216								
	2	42	9	43	194	248	9	43	262	268							4	4
	3	42	5	29	191	228	5	30	244	249					1	1	24	24
	1	44	1	5	85	166	1	5	167	187								
	2	44	8	35	182	236	8	35	249	257							2	2
	3	44	4	23	183	224	4	24	239	245							7	7
2070	1	40	8	33	201	277	8	33	238	282								
(94)	2	40	22	88	254	294	22	88	286	301			1	1	2	2	31	31
	3	40	14	69	247	278	18	72	276	286	2	2	4	4	8	8	50	50
	1	42	2	17	151	242	2	17	207	251								
	2	42	15	65	239	286	15	65	271	294							11	11
	3	42	10	55	233	270	10	55	272	280			2	2	2	2	31	31
	1	44		11	116	208		11	183	222								
	2	44	13	49	228	281	13	49	264	290							1	1
	3	44	4	42	226	264	5	42	267	275							10	10
2070	1	40	1	12	153	241	1	12	236	251								
(95)	2	40	5	46	217	257	5	46	277	280					1	1	12	12
	3	40	5	44	208	243	9	44	265	272	2	2	3	3	3	3	30	30
	1	42		5	104	200		5	212	231								
	2	42	5	31	199	255	5	31	271	276							5	5
	3	42	3	29	194	237	3	29	262	269			1	1	3	3	8	8
	1	44		2	59	163		2	173	208								
	2	44	2	22	181	251	2	22	255	264								
	3	44	2	20	185	235	2	20	256	262							3	3

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(15)

City	Port Hedland	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	6	29	177	267	6	29	261	280								
(96)	2	40	16	74	246	292	16	74	313	319			1	1	2	2	30	30
	3	40	12	62	240	276	16	63	296	301	2	2	5	5	9	9	51	51
	1	42	2	13	124	238	2	13	218	253								
	2	42	13	66	235	284	13	66	302	312							9	9
	3	42	8	57	228	270	8	57	292	296			1	1	3	3	27	27
	1	44	1	8	90	195	1	8	183	217								
	2	44	10	51	211	277	10	51	293	302								
	3	44	6	42	219	269	6	42	289	294							8	8
2070	1	40	3	16	152	232	3	16	237	245								
(97)	2	40	10	43	219	251	10	43	271	273							13	13
	3	40	5	37	215	235	5	38	260	261	1	1	1	1	2	2	37	37
	1	42	2	7	97	211	2	7	212	229								
	2	42	7	29	203	248	7	29	263	267							1	1
	3	42	5	29	203	232	5	29	252	252							14	14
	1	44	1	3	53	155	1	3	171	207								
	2	44	5	24	181	243	5	24	250	254								
	3	44	5	24	193	230	5	24	248	248							2	2
2070	1	40	4	25	188	274	4	25	270	291								
(98)	2	40	13	77	256	297	15	77	303	308	1	1	3	3	7	7	29	29
	3	40	9	62	246	282	17	64	294	300	4	4	7	7	13	13	60	60
	1	42	2	10	129	244	2	10	241	269								
	2	42	9	60	239	294	9	60	293	304							11	11
	3	42	9	52	238	280	11	53	289	295	2	2	3	3	6	6	30	30
	1	44	1	6	87	201	1	6	197	229								
	2	44	7	46	216	287	7	46	284	297							3	3
	3	44	8	43	225	275	8	43	287	292					1	1	14	14
2070	1	40		9	123	238		9	236	260								
(99)	2	40	4	29	217	274	4	29	285	293					2	2	21	21
	3	40	2	24	207	255	6	24	274	280	3	3	4	4	10	10	51	51
	1	42		2	70	192		2	202	230								
	2	42	2	22	189	264	2	22	275	284							10	10
	3	42	1	21	193	248	2	21	270	273					4	4	22	22
	1	44		1	40	135		1	155	184								
	2	44	2	15	166	254	2	15	263	274							1	1
	3	44		17	182	238	1	17	257	263							11	11
2070	1	40	5	21	113	223	5	21	240	250								
(00)	2	40	17	34	190	269	17	34	261	275					1	1	17	17
	3	40	9	28	185	244	10	29	255	260	1	1	4	4	5	5	35	35
	1	42	3	15	68	171	3	15	208	220								
	2	42	14	28	173	261	14	28	258	272							4	4
	3	42	9	22	173	236	9	22	253	259	1	1	1	1	1	1	16	16
	1	44	2	6	41	121	2	6	171	189								
	2	44	6	25	145	242	6	25	254	262								
	3	44	6	20	164	229	6	20	253	258							5	5
2070	1	40	1	15	123	224	1	15	223	246								
(01)	2	40	8	34	193	271	8	34	268	291	1	1	1	1	2	2	12	12
	3	40	4	24	194	230	5	25	256	264			2	2	5	5	30	30
	1	42		5	65	176		5	190	211								
	2	42	5	24	170	257	6	24	254	283					1	1	3	3
	3	42	2	22	172	224	2	23	250	257					1	1	9	9
	1	44		2	44	129		2	147	174								
	2	44	3	19	152	243	3	19	243	269							1	1
	3	44		19	151	219	1	19	246	254							5	5

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(15a)

City	Port Hedland	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	12	64	205	275	12	64	235	234								
(90)	2	40	32	133	259	294	32	133	286	285	1	1	1	1	2	2	24	24
	3	40	19	118	241	276	20	118	271	271	1	1	2	2	5	5	44	44
	1	42	7	42	177	264	7	42	216	214								
	2	42	25	101	244	292	25	101	269	269							9	9
	3	42	16	102	235	271	17	102	264	264					1	1	16	16
	1	44	1	24	121	239	1	24	191	180								
	2	44	20	85	230	286	20	85	255	254								
	3	44	12	83	231	266	12	83	256	256					1	1	7	7
2070	1	40	4	44	196	274	4	44	235	235								
(91)	2	40	18	105	242	313	18	105	293	289					3	3	37	37
	3	40	9	100	226	277	16	98	271	271	3	3	7	7	12	12	67	67
	1	42	2	25	158	254	2	25	213	209								
	2	42	11	83	226	302	11	83	275	272							8	8
	3	42	6	80	224	273	6	79	268	268					5	5	39	39
	1	44	2	10	107	224	2	10	187	181								
	2	44	6	68	212	292	6	68	256	254							1	1
	3	44	3	69	215	264	3	69	258	258							14	14
2070	1	40		38	166	257		38	225	224								
(92)	2	40	14	89	236	295	14	89	273	273					1	1	14	14
	3	40	6	81	217	262	7	82	256	256					1	1	25	25
	1	42		19	120	240		19	203	196								
	2	42	10	74	221	288	10	74	262	262							6	6
	3	42	5	73	212	256	5	73	253	253							9	9
	1	44		10	81	214		10	170	162								
	2	44	8	58	197	276	8	58	247	245							1	1
	3	44	5	64	206	252	5	64	246	246							4	4
2070	1	40	5	43	178	248	5	43	225	224								
(93)	2	40	15	109	219	276	16	109	269	269	1	1	1	1	1	1	23	23
	3	40	10	96	200	252	12	97	251	251	1	1	1	1	4	4	52	52
	1	42	3	23	150	228	3	23	205	199								
	2	42	12	92	204	271	12	92	262	262							4	4
	3	42	8	78	197	249	8	78	244	244					1	1	24	24
	1	44	1	12	105	203	1	12	169	164								
	2	44	9	69	193	261	9	69	249	249							2	2
	3	44	5	67	192	241	5	67	239	239							7	7
2070	1	40	11	66	217	286	11	66	243	232								
(94)	2	40	28	140	273	315	28	140	289	284			1	1	2	2	31	31
	3	40	22	130	254	294	25	131	276	276	2	2	4	4	8	8	50	50
	1	42	5	39	176	277	5	39	217	203								
	2	42	22	122	256	309	22	122	277	271							11	11
	3	42	17	113	252	289	17	113	272	272			2	2	2	2	31	31
	1	44	1	22	134	251	1	22	186	172								
	2	44	15	102	239	296	15	102	265	260							1	1
	3	44	13	96	236	283	13	96	267	266							10	10
2070	1	40	2	31	167	255	2	31	236	234								
(95)	2	40	11	100	234	278	11	100	278	277					1	1	12	12
	3	40	5	90	217	262	9	90	265	265	2	2	3	3	3	3	30	30
	1	42		15	123	246		15	216	211								
	2	42	5	89	218	266	5	89	271	270							5	5
	3	42	5	78	214	256	5	78	262	262			1	1	3	3	8	8
	1	44		5	89	212		5	181	170								
	2	44	5	60	197	259	5	60	257	255								
	3	44	5	71	201	254	5	71	257	256							3	3

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(15a)

City	Port Hedland	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	8	66	197	284	8	66	263	259								
(96)	2	40	27	121	261	313	27	121	313	313			1	1	2	2	30	30
	3	40	19	110	249	294	22	110	296	296	2	2	5	5	9	9	51	51
	1	42	5	39	150	270	5	39	224	217								
	2	42	19	105	247	305	19	105	302	302							9	9
	3	42	14	104	243	287	14	104	292	292			1	1	3	3	27	27
	1	44	1	16	106	246	1	16	187	177								
	2	44	13	86	234	295	13	86	294	292								
	3	44	11	86	234	284	11	86	289	289							8	8
2070	1	40	4	30	167	248	4	30	237	237								
(97)	2	40	15	86	231	272	15	86	271	271							13	13
	3	40	9	86	219	258	10	86	260	260	1	1	1	1	2	2	37	37
	1	42	2	18	122	237	2	18	214	210								
	2	42	11	69	219	266	11	69	263	263							1	1
	3	42	5	70	216	253	5	70	252	252							14	14
	1	44	2	10	70	216	2	10	175	164								
	2	44	7	51	202	256	7	51	250	250								
	3	44	5	57	211	248	5	57	248	248							2	2
2070	1	40	6	61	201	294	6	61	272	270								
(98)	2	40	22	126	271	308	24	126	303	303	1	1	3	3	7	7	29	29
	3	40	14	116	256	296	22	117	294	294	4	4	7	7	13	13	60	60
	1	42	4	30	165	279	4	30	243	238								
	2	42	13	103	257	304	13	103	294	293							11	11
	3	42	12	101	251	292	14	101	289	289	2	2	3	3	6	6	30	30
	1	44	1	13	101	256	1	13	200	189								
	2	44	9	86	238	301	9	86	286	284							3	3
	3	44	9	85	243	287	9	85	287	287					1	1	14	14
2070	1	40	1	23	144	264	1	23	236	234								
(99)	2	40	7	66	239	302	7	66	286	285					2	2	21	21
	3	40	5	62	215	277	8	62	274	274	3	3	4	4	10	10	51	51
	1	42		10	91	243		10	202	197								
	2	42	4	47	219	292	4	47	275	275							10	10
	3	42	2	49	208	267	4	49	270	270					4	4	22	22
	1	44		4	49	214		4	156	147								
	2	44	2	36	186	279	2	36	263	263							1	1
	3	44	1	36	197	263	1	36	258	257							11	11
2070	1	40	6	28	131	260	6	28	241	238								
(00)	2	40	19	63	216	286	19	63	261	261					1	1	17	17
	3	40	14	53	190	265	15	53	255	255	1	1	4	4	5	5	35	35
	1	42	4	22	84	228	4	22	209	202								
	2	42	19	51	193	284	19	51	258	258							4	4
	3	42	9	47	187	260	9	47	253	253	1	1	1	1	1	1	16	16
	1	44	3	17	51	186	3	17	177	165								
	2	44	14	40	170	274	14	40	254	253								
	3	44	9	38	181	255	9	38	253	253							5	5
2070	1	40	2	25	136	257	2	25	224	222								
(01)	2	40	11	62	219	297	11	62	268	268	1	1	1	1	2	2	12	12
	3	40	10	52	198	271	11	53	256	256			2	2	5	5	30	30
	1	42		15	84	230		15	192	187								
	2	42	8	48	195	287	8	48	258	254					1	1	3	3
	3	42	5	45	196	259	5	45	250	250					1	1	9	9
	1	44		8	50	191		8	150	141								
	2	44	5	42	168	277	5	42	243	243							1	1
	3	44	3	33	185	248	3	33	246	246							5	5

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(16)

City	Port Hedland	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	74	164	278	299	118	180	301	307	63	63	79	79	109	109	173	173
(90)	2	40	148	234	296	323	197	231	327	333	166	170	177	179	199	201	247	248
	3	40	121	227	276	309	196	233	319	322	169	182	178	193	210	223	260	276
	1	42	41	104	265	292	44	104	295	300	9	9	10	10	28	28	102	102
	2	42	117	212	292	318	180	221	325	328	146	146	156	158	177	177	230	230
	3	42	102	218	270	305	185	222	315	319	149	160	165	172	191	199	242	250
	1	44	22	75	237	280	22	75	276	288					2	2	19	19
	2	44	97	198	286	311	158	214	314	320	119	119	132	132	160	160	205	205
	3	44	85	208	268	303	176	215	308	313	137	141	148	155	172	175	225	230
2070	1	40	57	139	279	323	121	169	333	339	84	84	93	93	118	118	176	176
(91)	2	40	121	217	310	342	203	232	350	352	184	185	200	202	218	218	263	263
	3	40	95	210	275	323	207	233	342	343	188	199	203	208	223	229	268	281
	1	42	29	87	257	305	46	95	316	321	28	28	30	30	46	46	108	108
	2	42	102	200	304	338	186	213	346	348	157	157	169	169	198	199	235	235
	3	42	80	199	269	320	198	224	336	340	166	172	182	188	205	209	255	260
	1	44	9	52	218	284	9	52	281	303							22	22
	2	44	83	182	296	333	160	194	341	345	128	128	146	146	166	166	216	216
	3	44	75	189	265	312	184	212	331	335	140	144	160	164	193	194	239	241
2070	1	40	42	116	263	309	72	123	313	322	42	42	58	58	89	89	153	153
(92)	2	40	99	201	296	335	186	214	343	346	175	176	184	185	203	205	244	246
	3	40	80	197	262	305	187	217	335	337	170	177	184	192	209	219	252	266
	1	42	17	74	241	289	20	75	288	306	7	7	10	10	17	17	73	73
	2	42	84	176	284	326	161	189	340	341	143	143	158	158	182	182	223	224
	3	42	71	176	258	304	174	206	328	331	157	158	168	172	187	195	234	243
	1	44	9	46	211	262	9	46	267	279							12	12
	2	44	68	154	277	320	131	167	336	340	113	113	122	122	143	143	198	198
	3	44	59	162	250	302	161	195	321	328	137	137	150	150	175	176	224	226
2070	1	40	49	135	248	282	107	159	298	301	73	73	80	80	106	106	162	162
(93)	2	40	116	196	279	309	187	210	319	321	167	167	183	183	201	201	241	241
	3	40	97	184	253	284	192	213	311	313	175	180	188	193	210	218	254	258
	1	42	24	94	228	271	33	97	284	289	11	11	17	17	29	29	99	99
	2	42	97	179	270	306	165	191	317	319	140	140	156	156	179	179	223	223
	3	42	80	177	248	275	177	201	304	306	159	161	171	175	192	194	233	234
	1	44	11	52	202	250	11	52	267	273			1	1	1	1	16	16
	2	44	75	160	262	291	145	180	313	313	116	116	130	130	148	148	199	199
	3	44	62	164	242	274	160	188	301	303	141	142	152	152	176	176	224	225
2070	1	40	66	170	289	326	122	188	310	328	74	74	81	81	109	109	166	166
(94)	2	40	147	239	313	341	194	245	337	346	164	167	174	174	193	193	237	246
	3	40	128	230	293	321	197	242	329	331	171	181	182	192	194	211	248	274
	1	42	40	122	278	309	52	126	301	315	17	17	22	22	34	34	104	104
	2	42	128	225	305	336	183	234	330	340	139	139	155	155	174	174	216	216
	3	42	111	217	289	316	186	231	322	326	154	160	168	171	188	194	233	248
	1	44	17	79	247	292	17	79	280	300					1	1	22	22
	2	44	104	206	299	332	169	220	326	336	115	115	126	126	155	155	199	199
	3	44	93	208	282	308	174	222	315	320	130	132	152	155	178	179	216	221
2070	1	40	31	122	256	287	80	143	294	303	77	77	81	81	98	98	161	161
(95)	2	40	95	193	275	314	189	223	316	325	168	168	181	181	206	207	250	252
	3	40	84	187	260	294	191	221	308	310	167	179	186	196	214	223	259	267
	1	42	16	90	246	266	21	89	289	291	6	6	10	10	21	21	75	75
	2	42	76	176	264	309	171	210	311	318	141	141	155	155	175	175	228	228
	3	42	74	175	255	290	179	212	303	306	153	155	165	170	197	201	247	253
	1	44	5	41	210	257	5	41	276	280							9	9
	2	44	53	156	258	302	144	200	307	315	115	115	125	125	147	147	202	202
	3	44	65	158	254	285	166	205	299	301	133	134	143	143	171	174	228	232

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(16)

City	Port Hedland	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	60	147	282	323	122	170	336	340	80	80	98	98	120	120	171	171
(96)	2	40	115	232	309	347	200	253	352	355	184	185	197	199	221	223	283	285
	3	40	109	220	292	332	210	245	346	349	191	199	204	209	225	238	289	304
	1	42	35	104	269	305	44	106	324	329	17	17	28	28	40	40	112	112
	2	42	97	210	302	342	185	233	349	353	157	157	171	171	189	189	257	257
	3	42	99	212	287	328	192	235	343	346	169	172	187	189	206	209	272	285
	1	44	14	71	241	288	14	71	306	315							19	19
	2	44	79	190	296	333	162	210	343	345	134	134	145	145	164	164	217	217
	3	44	79	194	282	323	178	222	339	343	153	153	164	165	190	191	251	252
2070	1	40	27	114	246	281	96	151	297	302	82	82	93	93	107	107	152	152
(97)	2	40	84	197	272	314	190	227	323	327	166	166	176	177	199	200	259	259
	3	40	74	196	257	289	195	230	310	313	174	177	187	192	223	230	265	270
	1	42	16	69	235	266	22	71	281	285	6	6	12	12	30	30	95	95
	2	42	67	171	268	303	163	210	314	321	141	141	154	154	173	173	233	233
	3	42	64	179	250	282	176	212	309	310	158	160	170	172	195	198	254	254
	1	44	8	33	216	250	8	33	268	271							9	9
	2	44	52	153	256	292	143	194	304	307	118	118	131	131	148	148	202	202
	3	44	51	167	248	276	157	205	305	306	135	136	152	152	177	177	237	239
2070	1	40	59	159	291	311	107	174	318	318	79	79	95	95	117	117	181	181
(98)	2	40	116	236	306	320	210	259	329	329	193	193	207	207	227	231	273	277
	3	40	105	231	296	312	222	261	324	325	197	204	211	219	240	247	282	299
	1	42	27	101	275	304	41	103	310	314	15	15	21	21	35	35	100	100
	2	42	97	215	304	317	193	237	326	326	166	167	178	178	198	198	253	253
	3	42	91	213	294	309	202	241	323	323	186	188	194	197	220	224	270	278
	1	44	10	72	247	296	10	72	299	307					2	2	22	22
	2	44	84	195	300	315	166	217	321	322	134	134	150	150	176	176	226	226
	3	44	75	198	290	306	188	227	323	323	166	166	178	178	201	204	253	253
2070	1	40	20	88	263	314	86	116	323	329	78	78	86	86	102	102	143	143
(99)	2	40	61	180	300	336	172	218	342	345	164	164	173	174	190	193	249	253
	3	40	58	181	272	314	181	223	333	333	175	177	185	190	212	219	269	281
	1	42	9	46	243	292	19	49	303	312	16	16	26	26	39	39	87	87
	2	42	44	162	290	330	151	193	339	343	147	147	155	155	164	164	221	221
	3	42	41	166	267	305	169	210	331	332	157	157	167	167	189	192	252	261
	1	44	3	27	202	271	3	27	282	290					1	1	13	13
	2	44	36	130	277	322	127	162	333	338	116	116	130	130	143	143	192	192
	3	44	34	149	264	299	153	196	326	328	149	149	151	151	167	168	227	228
2070	1	40	27	78	254	295	85	115	301	303	79	79	90	90	110	110	154	154
(00)	2	40	60	164	285	318	189	210	322	325	173	174	178	179	200	200	245	247
	3	40	51	160	265	298	187	209	313	314	179	182	193	199	212	220	255	265
	1	42	21	51	225	284	28	55	282	292	7	7	10	10	24	24	84	84
	2	42	46	137	282	311	161	183	317	320	153	153	162	162	178	178	216	218
	3	42	46	144	261	295	180	200	309	309	170	172	175	177	197	199	245	248
	1	44	17	33	183	267	17	33	261	274							11	11
	2	44	35	113	272	304	141	164	309	314	127	127	135	135	153	153	195	195
	3	44	35	122	259	292	167	186	304	306	158	158	169	169	177	179	228	229
2070	1	40	25	84	255	310	70	108	307	317	48	48	57	57	73	73	122	122
(01)	2	40	60	165	293	333	160	198	328	337	151	151	159	159	177	178	238	241
	3	40	52	155	263	306	170	201	321	324	161	162	170	177	198	207	243	252
	1	42	15	48	227	287	20	50	290	305	7	7	9	9	18	18	64	64
	2	42	48	148	282	326	131	175	327	333	118	118	131	131	153	153	216	216
	3	42	40	137	250	303	144	181	318	320	134	136	148	149	177	181	233	236
	1	44	6	30	185	265	7	30	264	288			1	1	1	1	9	9
	2	44	42	125	275	320	100	142	320	326	88	88	101	101	119	119	178	178
	3	44	30	121	247	300	125	162	315	318	119	119	131	132	152	152	218	220

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(16a)

City	Port Hedland	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	87	208	282	318	125	213	301	301	63	71	79	87	109	124	173	173
(90)	2	40	169	271	297	338	202	267	327	327	166	222	177	242	199	279	247	247
	3	40	146	256	280	317	203	259	319	319	169	260	178	277	210	314	260	260
	1	42	52	180	269	300	54	179	295	295	9	9	10	10	28	28	102	102
	2	42	142	252	296	335	191	250	325	325	146	194	156	212	177	230	230	230
	3	42	127	248	278	316	190	248	315	315	149	233	165	246	191	280	242	242
	1	44	29	123	249	294	29	123	278	276					2	2	19	19
	2	44	110	235	292	327	163	238	314	314	119	151	132	166	160	193	205	205
	3	44	111	239	273	313	183	239	308	308	137	213	148	224	172	247	225	225
2070	1	40	70	195	290	338	132	198	333	333	84	85	93	95	118	127	176	176
(91)	2	40	141	263	322	350	206	272	350	350	184	229	200	243	218	287	263	263
	3	40	126	247	285	337	209	260	342	342	188	263	203	287	223	338	268	268
	1	42	39	151	267	323	55	152	316	316	28	28	30	30	46	46	108	108
	2	42	118	236	311	349	190	240	346	346	157	192	169	204	198	232	235	235
	3	42	106	233	278	336	201	247	336	336	166	231	182	248	205	290	255	255
	1	44	15	96	232	306	15	96	281	281							22	22
	2	44	96	218	304	345	164	218	341	341	128	147	146	169	166	190	216	216
	3	44	86	224	274	331	186	234	331	331	140	204	160	223	193	248	239	239
2070	1	40	56	170	267	326	80	169	313	313	42	44	58	59	89	95	153	153
(92)	2	40	116	252	306	344	190	254	343	343	175	217	184	234	203	271	244	244
	3	40	106	238	268	329	192	249	335	335	170	249	184	269	209	321	252	252
	1	42	28	127	252	309	31	127	289	288	7	7	10	10	17	17	73	73
	2	42	97	230	297	338	163	228	340	340	143	172	158	189	182	219	223	223
	3	42	86	230	264	323	178	235	328	328	157	216	168	235	187	269	234	234
	1	44	13	83	229	291	13	83	268	267							12	12
	2	44	83	213	284	337	139	206	336	336	113	124	122	143	143	164	198	198
	3	44	78	213	257	318	167	218	321	321	137	185	150	203	175	238	224	224
2070	1	40	60	172	254	305	112	179	298	298	73	74	80	84	106	110	162	162
(93)	2	40	139	232	282	324	195	242	319	319	167	211	183	228	201	262	241	241
	3	40	115	224	255	309	198	241	311	311	175	243	188	264	210	300	254	254
	1	42	32	142	235	281	40	142	284	284	11	11	17	17	29	29	99	99
	2	42	113	215	279	316	170	221	317	317	140	174	156	195	179	209	223	223
	3	42	104	212	254	302	183	226	304	304	159	215	171	230	192	263	233	233
	1	44	14	100	213	276	14	100	267	267			1	1	1	1	16	16
	2	44	96	203	269	311	156	207	313	313	116	131	130	147	148	173	199	199
	3	44	84	198	252	293	165	210	301	301	141	191	152	200	176	230	224	224
2070	1	40	89	221	297	336	141	228	311	310	74	78	81	88	109	124	166	166
(94)	2	40	166	279	322	353	205	285	337	337	164	244	174	260	193	292	237	237
	3	40	151	267	301	337	202	274	329	329	171	278	182	298	194	327	248	248
	1	42	48	182	280	330	60	182	301	301	17	17	22	22	34	34	104	104
	2	42	145	269	316	350	188	274	331	330	139	190	155	213	174	244	216	216
	3	42	134	260	296	332	192	267	322	322	154	241	168	264	188	298	233	233
	1	44	25	135	269	312	25	135	288	279					1	1	22	22
	2	44	125	246	305	343	176	251	326	326	115	139	126	163	155	191	199	199
	3	44	117	254	289	327	178	257	316	315	130	211	152	229	178	266	216	216
2070	1	40	43	176	258	309	89	188	294	294	77	77	81	82	98	100	161	161
(95)	2	40	118	246	284	332	202	256	316	316	168	222	181	238	206	269	250	250
	3	40	106	233	268	313	197	248	308	308	167	255	186	276	214	310	259	259
	1	42	20	138	250	296	24	137	289	289	6	6	10	10	21	21	75	75
	2	42	98	227	277	325	180	239	311	311	141	178	155	199	175	221	228	228
	3	42	90	221	262	305	184	236	303	303	153	222	165	244	197	276	247	247
	1	44	8	94	229	275	8	94	278	276							9	9
	2	44	76	206	264	318	152	223	307	307	115	126	125	146	147	177	202	202
	3	44	78	214	256	303	170	230	299	299	133	200	143	213	171	240	228	228

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(16a)

City	Port Hedland	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	72	210	291	342	128	215	336	336	80	83	98	101	120	122	171	171
(96)	2	40	138	271	320	355	211	282	352	352	184	244	197	268	221	305	283	283
	3	40	127	269	302	341	215	285	346	346	191	293	204	313	225	346	289	289
	1	42	46	162	275	328	53	162	324	324	17	17	28	28	40	41	112	112
	2	42	115	253	311	351	189	264	349	349	157	192	171	208	189	247	257	257
	3	42	112	256	295	337	197	266	343	343	169	251	187	276	206	313	272	272
	1	44	23	114	253	307	23	114	306	306							19	19
	2	44	99	241	300	349	171	249	343	343	134	153	145	164	164	189	217	217
	3	44	105	244	288	336	185	254	339	339	153	214	164	235	190	276	251	251
2070	1	40	38	170	251	302	102	186	297	297	82	85	93	97	107	112	152	152
(97)	2	40	108	239	279	328	200	247	323	323	166	227	176	235	199	262	259	259
	3	40	104	229	261	304	206	244	310	310	174	249	187	270	223	310	265	265
	1	42	21	126	240	285	26	126	281	281	6	6	12	12	30	30	95	95
	2	42	85	226	273	323	173	232	314	314	141	174	154	197	173	228	233	233
	3	42	87	222	259	303	184	233	309	309	158	226	170	238	195	268	254	254
	1	44	15	81	225	270	15	81	268	268							9	9
	2	44	66	215	268	320	149	221	304	304	118	133	131	148	148	173	202	202
	3	44	70	214	254	299	165	224	305	305	135	198	152	214	177	238	237	237
2070	1	40	73	215	297	317	116	218	318	318	79	82	95	98	117	120	181	181
(98)	2	40	145	279	311	330	216	288	329	329	193	258	207	278	227	303	273	273
	3	40	141	276	299	323	228	290	324	324	197	294	211	306	240	319	282	282
	1	42	44	172	285	310	50	172	310	310	15	15	21	21	35	35	100	100
	2	42	119	267	307	329	199	278	326	326	166	204	178	214	198	259	253	253
	3	42	116	259	298	322	208	274	323	323	186	268	194	280	220	306	270	270
	1	44	22	114	267	305	22	114	299	299					2	2	22	22
	2	44	97	248	304	322	169	259	321	321	134	146	150	173	176	201	226	226
	3	44	101	252	294	318	194	265	323	323	166	218	178	240	201	281	253	253
2070	1	40	27	162	272	330	89	170	323	323	78	78	86	86	102	103	143	143
(99)	2	40	84	245	310	349	180	257	342	342	164	215	173	238	190	276	249	249
	3	40	72	238	283	333	188	252	333	333	175	267	185	288	212	330	269	269
	1	42	15	103	251	315	23	103	303	303	16	16	26	26	39	39	87	87
	2	42	63	231	302	347	156	241	339	339	147	164	155	181	164	214	221	221
	3	42	62	224	278	324	170	238	331	331	157	223	167	238	189	288	252	252
	1	44	4	60	234	299	4	60	283	282					1	1	13	13
	2	44	43	198	289	339	128	210	333	333	116	120	130	136	143	156	192	192
	3	44	49	203	268	319	156	222	326	326	149	187	151	208	167	242	227	227
2070	1	40	34	137	267	311	90	154	301	301	79	82	90	93	110	114	154	154
(00)	2	40	77	228	294	336	191	240	322	322	173	208	178	219	200	272	245	245
	3	40	68	226	273	313	191	246	313	313	179	253	193	274	212	312	255	255
	1	42	23	91	239	299	30	93	282	282	7	7	10	10	24	24	84	84
	2	42	59	201	285	327	167	212	317	317	153	175	162	187	178	210	216	216
	3	42	53	205	267	309	182	228	309	309	170	210	175	232	197	278	245	245
	1	44	19	58	203	285	19	58	261	261							11	11
	2	44	45	177	281	323	146	196	309	309	127	136	135	146	153	170	195	195
	3	44	47	184	263	305	170	211	304	304	158	186	169	202	177	232	228	228
2070	1	40	35	149	266	326	73	156	307	307	48	49	57	58	73	78	122	122
(01)	2	40	77	232	307	343	166	238	328	328	151	200	159	218	177	273	238	238
	3	40	69	217	276	326	175	231	321	321	161	247	170	280	198	323	243	243
	1	42	19	105	237	316	24	106	290	290	7	7	9	9	18	18	64	64
	2	42	60	210	295	342	135	217	327	327	118	139	131	164	153	197	216	216
	3	42	54	207	271	318	149	219	318	318	134	203	148	225	177	283	233	233
	1	44	10	57	211	292	10	57	266	264			1	1	1	1	9	9
	2	44	48	185	282	339	104	192	320	320	88	94	101	108	119	137	178	178
	3	44	46	196	259	313	132	205	315	315	119	161	131	183	152	224	218	218

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(17)

City	Port Hedland	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		12	144	227		12	208	232								
(90)	2	40	8	32	207	266	8	32	244	269								
	3	40	4	19	205	246	4	19	245	254								
	1	42		7	103	199		7	180	216								
	2	42	6	25	201	260	6	25	235	264								
	3	42	3	16	197	242	3	16	239	249								
	1	44		1	63	148		1	129	176								
	2	44	4	20	178	247	4	20	226	252								
	3	44	1	12	187	239	1	12	229	244								
2070	1	40	1	4	128	210	1	4	204	225								
(91)	2	40	2	18	196	255	2	18	244	268								
	3	40		9	186	231		9	243	250								
	1	42		2	86	177		2	176	199								
	2	42	2	11	180	245	2	11	235	257								
	3	42		6	172	228		6	234	246								
	1	44		2	50	118		2	136	169								
	2	44	2	6	161	229	2	6	224	245								
	3	44		3	160	225		3	227	242								
2070	1	40			89	189			191	208								
(92)	2	40		14	166	246		14	235	252								
	3	40		6	163	227		6	232	239								
	1	42			58	147			161	182								
	2	42		10	142	235		10	223	244								
	3	42		5	147	223		5	226	235								
	1	44			34	101			105	134								
	2	44		8	123	222		8	215	234								
	3	44		5	135	218		5	218	229								
2070	1	40	1	5	124	191	1	5	192	207								
(93)	2	40	3	15	178	231	3	15	237	246								
	3	40		10	171	211		10	230	232								
	1	42	1	3	74	155	1	3	157	179								
	2	42	1	12	166	223	1	12	225	239								
	3	42		8	160	205		8	222	224								
	1	44		1	41	119		1	119	156								
	2	44	1	9	154	209	1	9	212	227								
	3	44		5	147	200		5	215	220								
2070	1	40		11	147	236		11	197	244								
(94)	2	40	6	28	220	278	6	28	254	287								
	3	40	1	22	206	259	1	22	254	269								
	1	42		5	106	200		5	177	216								
	2	42	5	22	202	277	5	22	239	282								
	3	42		17	189	256		17	242	264								
	1	44		1	59	152		1	133	181								
	2	44	2	15	179	262	2	15	224	270								
	3	44		13	180	254		13	236	262								
2070	1	40		2	95	192		2	201	224								
(95)	2	40		11	173	247		11	246	258								
	3	40		5	161	220		5	238	241								
	1	42			49	152			166	205								
	2	42		5	153	240		5	236	251								
	3	42		5	151	219		5	234	238								
	1	44			22	110			108	159								
	2	44		5	125	221		5	224	244								
	3	44		5	136	216		5	226	235								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(17)

City	Port Hedland	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	8	118	229	1	8	209	247								
(96)	2	40	6	27	197	272	6	27	275	284								
	3	40	2	19	192	260	2	19	275	278								
	1	42	1	5	79	185	1	5	176	212								
	2	42	3	19	178	267	3	19	262	280								
	3	42	2	14	178	253	2	14	264	271								
	1	44		1	51	131		1	136	167								
	2	44	1	13	151	248	1	13	243	264								
	3	44	1	11	164	249	1	11	250	265								
2070	1	40	1	4	87	196	1	4	200	222								
(97)	2	40	3	15	169	238	3	15	243	246								
	3	40	2	9	172	224	2	9	238	242								
	1	42		2	49	145		2	157	198								
	2	42	2	11	151	231	2	11	237	245								
	3	42	2	5	152	218	2	5	233	236								
	1	44		2	25	98		2	118	156								
	2	44	2	7	128	221	2	7	229	236								
	3	44	2	5	141	217	2	5	231	235								
2070	1	40	1	6	116	233	1	6	223	258								
(98)	2	40	4	22	202	282	4	22	278	294								
	3	40	4	14	198	264	4	14	273	281								
	1	42	1	4	84	193	1	4	190	224								
	2	42	4	13	188	274	4	13	270	291								
	3	42	3	12	185	258	3	12	268	276								
	1	44		1	46	136		1	125	170								
	2	44	2	9	166	261	2	9	253	278								
	3	44	1	9	172	256	1	9	264	276								
2070	1	40		1	61	178		1	189	220								
(99)	2	40		7	148	248		7	249	263								
	3	40		5	151	225		5	241	248								
	1	42			34	127			150	177								
	2	42		4	123	238		4	238	260								
	3	42		2	132	216		2	235	241								
	1	44			16	74			104	127								
	2	44		2	96	220		2	214	245								
	3	44		1	109	211		1	228	238								
2070	1	40	2	6	59	160	2	6	197	210								
(00)	2	40	4	19	134	236	4	19	248	257								
	3	40	2	14	129	211	2	14	247	252								
	1	42		4	36	109		4	163	177								
	2	42	4	19	114	223	4	19	241	250								
	3	42	2	9	104	196	2	9	239	243								
	1	44		3	25	70		3	113	136								
	2	44	3	14	90	196	3	14	224	234								
	3	44	2	9	95	187	2	9	232	237								
2070	1	40		2	60	163		2	173	202								
(01)	2	40	1	11	138	233	1	11	233	256								
	3	40		10	124	207		10	230	237								
	1	42			38	123			128	162								
	2	42		8	123	224		8	220	243								
	3	42		5	114	203		5	220	228								
	1	44			23	74			80	108								
	2	44		5	92	206		5	207	229								
	3	44		3	104	198		3	213	223								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(17a)

City	Port Hedland	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	25	160	260	1	25	209	205								
(90)	2	40	12	62	220	282	12	62	245	243								
	3	40	6	48	221	259	6	48	246	245								
	1	42		14	113	234		14	182	170								
	2	42	8	48	206	275	8	48	235	234								
	3	42	4	41	212	254	4	41	240	238								
	1	44		8	77	201		8	136	113								
	2	44	6	38	200	269	6	38	228	225								
	3	44	4	32	202	252	4	32	229	229								
2070	1	40	2	11	145	245	2	11	206	204								
(91)	2	40	4	41	203	284	4	41	244	244								
	3	40		32	206	252		32	244	243								
	1	42		4	100	212		4	180	172								
	2	42	2	33	196	274	2	33	235	235								
	3	42		28	194	249		28	235	234								
	1	44		2	61	187		2	141	122								
	2	44	2	23	178	264	2	23	224	223								
	3	44		20	176	243		20	227	227								
2070	1	40		10	105	233		10	192	187								
(92)	2	40		36	187	266		36	236	234								
	3	40		23	183	239		23	234	231								
	1	42		1	77	204		1	165	156								
	2	42		29	164	257		29	224	223								
	3	42		13	170	236		13	227	225								
	1	44			42	156			107	95								
	2	44		18	139	253		18	217	214								
	3	44		12	153	233		12	220	218								
2070	1	40	1	12	138	223	1	12	193	191								
(93)	2	40	4	43	186	251	4	43	237	237								
	3	40	3	23	179	234	3	23	230	230								
	1	42	1	8	92	198	1	8	160	154								
	2	42	3	30	178	246	3	30	226	225								
	3	42	2	20	175	228	2	20	222	222								
	1	44		3	50	163		3	123	111								
	2	44	1	22	165	236	1	22	212	211								
	3	44		17	162	222		17	215	215								
2070	1	40	1	22	159	277	1	22	205	193								
(94)	2	40	9	59	235	294	9	59	257	250								
	3	40	3	46	222	278	3	46	255	253								
	1	42		13	120	242		13	180	163								
	2	42	6	45	221	286	6	45	244	234								
	3	42	1	32	214	268	1	32	244	239								
	1	44		6	76	210		6	141	116								
	2	44	5	37	198	281	5	37	228	218								
	3	44	1	27	197	262	1	27	238	233								
2070	1	40		5	113	238		5	206	199								
(95)	2	40	2	30	191	257	2	30	248	245								
	3	40	1	21	179	241	1	21	238	238								
	1	42		2	72	200		2	170	161								
	2	42		19	167	255		19	236	234								
	3	42	1	16	171	237	1	16	234	233								
	1	44			33	165			116	100								
	2	44		15	149	250		15	227	223								
	3	44		12	153	232		12	227	225								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(17a)

City	Port Hedland	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	19	135	267	1	19	215	207								
(96)	2	40	7	60	220	291	7	60	276	274								
	3	40	3	45	214	276	3	45	275	275								
	1	42	1	11	96	239	1	11	181	169								
	2	42	6	46	201	284	6	46	265	260								
	3	42	2	36	204	270	2	36	266	264								
	1	44	1	6	67	196	1	6	141	122								
	2	44	3	35	174	277	3	35	246	243								
	3	44	2	28	188	268	2	28	254	249								
2070	1	40	2	11	105	231	2	11	204	197								
(97)	2	40	3	26	195	250	3	26	243	243								
	3	40	4	25	189	235	4	25	238	238								
	1	42	1	5	63	213	1	5	161	152								
	2	42	3	21	166	248	3	21	237	237								
	3	42	3	16	178	231	3	16	233	233								
	1	44		3	31	159		3	120	112								
	2	44	2	16	147	242	2	16	229	228								
	3	44	2	13	160	229	2	13	231	231								
2070	1	40	1	13	141	274	1	13	227	219								
(98)	2	40	6	59	231	296	6	59	282	277								
	3	40	5	46	215	282	5	46	275	272								
	1	42	1	7	94	245	1	7	191	180								
	2	42	4	45	202	294	4	45	272	270								
	3	42	4	34	205	280	4	34	270	266								
	1	44	1	4	62	201	1	4	132	115								
	2	44	4	27	187	287	4	27	255	249								
	3	44	4	26	188	274	4	26	266	262								
2070	1	40		4	83	238		4	194	186								
(99)	2	40	1	20	174	273	1	20	250	248								
	3	40		17	174	253		17	241	240								
	1	42		2	44	195		2	151	142								
	2	42		15	147	264		15	239	236								
	3	42		13	157	243		13	236	235								
	1	44			24	142			107	101								
	2	44		9	121	253		9	218	212								
	3	44		9	138	237		9	230	228								
2070	1	40	3	19	75	223	3	19	200	189								
(00)	2	40	6	27	158	269	6	27	248	246								
	3	40	3	20	153	244	3	20	247	246								
	1	42	1	7	46	174	1	7	166	157								
	2	42	4	23	134	260	4	23	242	239								
	3	42	2	18	134	236	2	18	240	239								
	1	44		4	28	123		4	114	105								
	2	44	4	21	109	242	4	21	225	222								
	3	44	2	16	116	227	2	16	232	231								
2070	1	40		8	75	224		8	176	171								
(01)	2	40	2	22	161	269	2	22	233	232								
	3	40		20	145	230		20	230	230								
	1	42		4	47	180		4	132	123								
	2	42	1	19	138	257	1	19	221	219								
	3	42		16	136	224		16	220	220								
	1	44		1	30	132		1	82	75								
	2	44		15	122	243		15	209	206								
	3	44		14	118	216		14	215	213								

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(18)

City	Port Hedland	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	14	50	216	271	14	50	254	276								
(90)	2	40	39	102	264	292	43	103	293	299	9	9	10	10	27	27	99	99
	3	40	24	95	245	269	43	106	284	289	14	14	19	19	40	40	121	121
	1	42	8	32	193	253	8	32	233	257								
	2	42	29	85	249	286	31	87	287	294	2	2	2	2	3	3	52	52
	3	42	18	78	241	267	24	84	280	285	6	6	10	10	16	16	90	90
	1	44	4	20	145	227	4	20	208	232								
	2	44	22	75	237	280	22	75	276	288					2	2	19	19
	3	44	15	66	236	264	17	68	274	279	2	2	3	3	5	5	59	59
2070	1	40	4	34	199	269	4	34	254	285							1	1
(91)	2	40	28	86	254	304	43	92	314	321	27	27	29	29	44	44	108	108
	3	40	17	79	230	267	61	106	295	301	42	42	54	54	74	74	121	121
	1	42	2	17	173	234	2	17	234	249								
	2	42	16	69	233	293	18	68	299	311	5	5	7	7	13	13	68	68
	3	42	9	70	226	262	30	80	281	287	19	19	35	35	50	50	102	102
	1	44	2	6	129	210	2	6	207	227								
	2	44	9	52	218	284	9	52	281	303							22	22
	3	44	5	55	224	254	14	59	274	279	8	8	13	13	20	20	74	74
2070	1	40	1	32	179	254	1	32	246	264							1	1
(92)	2	40	16	74	240	284	20	75	285	300	5	5	9	9	16	16	70	70
	3	40	8	66	223	257	16	70	272	276	2	2	8	8	23	23	91	91
	1	42		14	136	229		14	222	240								
	2	42	13	58	229	276	13	58	277	292	1	1	1	1	4	4	29	29
	3	42	6	54	216	248	10	56	267	269	1	1	1	1	6	6	62	62
	1	44		5	89	189		5	194	209								
	2	44	9	46	211	262	9	46	267	279							12	12
	3	44	5	46	212	243	6	48	256	259					2	2	32	32
2070	1	40	8	35	182	240	8	35	249	258							2	2
(93)	2	40	22	94	226	270	30	97	284	288	10	10	16	16	26	26	97	97
	3	40	14	75	204	246	42	94	264	268	23	23	32	32	56	56	114	114
	1	42	3	14	164	219	3	14	221	237								
	2	42	14	69	214	262	16	69	273	281	3	3	3	3	6	6	58	58
	3	42	9	56	199	239	18	63	260	263	5	5	14	14	29	29	99	99
	1	44	1	8	124	191	1	8	193	207								
	2	44	11	52	202	250	11	52	267	273			1	1	1	1	16	16
	3	44	8	45	197	238	12	49	254	258	2	2	5	5	7	7	62	62
2070	1	40	13	49	229	281	13	49	264	290							1	1
(94)	2	40	38	122	278	304	48	125	301	312	16	16	20	20	31	31	102	102
	3	40	25	106	257	286	57	122	290	296	27	27	34	34	51	51	121	121
	1	42	6	28	193	273	6	28	235	278								
	2	42	27	102	269	296	26	102	292	303	3	3	5	5	13	13	50	50
	3	42	20	89	254	281	33	96	284	291	10	10	19	19	32	32	94	94
	1	44	2	15	147	236	2	15	201	245								
	2	44	17	79	247	292	17	79	280	300					1	1	22	22
	3	44	17	76	253	280	21	79	282	289	4	4	5	5	10	10	61	61
2070	1	40	2	22	184	251	2	22	256	264								
(95)	2	40	15	87	242	265	19	86	289	290	5	5	9	9	21	21	74	74
	3	40	9	74	222	255	24	83	281	284	13	13	22	22	41	41	97	97
	1	42		10	143	231		10	232	248								
	2	42	8	60	229	259	9	60	283	286	1	1	3	3	3	3	27	27
	3	42	5	65	217	252	9	65	274	279	3	3	5	5	18	18	78	78
	1	44		5	96	193		5	204	225								
	2	44	5	41	210	257	5	41	276	280							9	9
	3	44	5	47	214	246	9	47	266	272	3	3	3	3	4	4	36	36

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(18)

City	Port Hedland	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	10	51	212	277	10	51	293	302								
(96)	2	40	32	104	269	303	41	106	322	328	16	16	26	26	36	36	106	106
	3	40	22	97	251	285	48	110	313	316	27	27	37	37	59	59	126	126
	1	42	6	26	164	257	6	26	252	273								
	2	42	23	86	253	295	26	87	317	324	4	4	7	7	11	11	56	56
	3	42	19	77	248	281	32	84	308	311	14	14	15	15	26	26	102	102
	1	44	1	12	118	229	1	12	211	247								
	2	44	14	71	241	288	14	71	306	315							19	19
	3	44	13	64	242	280	19	65	298	302	5	5	7	7	11	11	61	61
2070	1	40	5	24	188	243	5	24	250	254								
(97)	2	40	16	68	233	266	20	69	280	284	6	6	10	10	27	27	93	93
	3	40	13	63	221	249	32	75	273	274	27	27	39	39	56	56	115	115
	1	42	3	15	139	229	3	15	234	242								
	2	42	15	51	226	256	15	51	273	278			1	1	3	3	40	40
	3	42	9	51	219	246	13	57	268	270	6	6	15	15	27	27	93	93
	1	44	2	7	89	196	2	7	204	224								
	2	44	8	33	216	250	8	33	268	271							9	9
	3	44	5	41	216	240	7	43	261	264	1	1	2	2	5	5	60	60
2070	1	40	7	46	218	288	7	46	285	298							3	3
(98)	2	40	27	100	274	303	39	102	310	314	14	14	21	21	35	35	97	97
	3	40	17	91	259	291	42	103	301	305	27	27	34	34	57	57	127	127
	1	42	4	22	174	270	4	22	266	288								
	2	42	22	86	267	301	27	86	305	312	5	5	7	7	14	14	54	54
	3	42	14	75	255	287	33	83	298	303	16	16	19	19	31	31	99	99
	1	44	1	9	117	233	1	9	228	260								
	2	44	10	72	247	296	10	72	299	307					2	2	22	22
	3	44	12	64	249	284	20	66	295	300	6	6	9	9	16	16	67	67
2070	1	40	2	15	166	254	2	15	263	274							1	1
(99)	2	40	9	46	242	290	19	49	303	311	15	15	23	23	36	36	86	86
	3	40	8	41	219	266	32	58	290	296	31	31	42	42	58	58	105	105
	1	42		6	111	235		6	231	258								
	2	42	4	36	234	279	7	36	292	299			3	3	11	11	48	48
	3	42	4	34	214	263	17	41	282	288	15	15	22	22	33	33	84	84
	1	44		2	61	178		2	193	222								
	2	44	3	27	202	271	3	27	282	290					1	1	13	13
	3	44	2	25	208	256	6	25	277	282	3	3	8	8	15	15	59	59
2070	1	40	6	25	147	244	6	25	254	262								
(00)	2	40	21	49	225	282	28	53	281	291	7	7	9	9	20	20	80	80
	3	40	16	46	201	258	31	54	270	274	17	17	26	26	44	44	115	115
	1	42	4	19	103	215	4	19	236	247								
	2	42	19	40	203	274	20	41	270	280	2	2	2	2	5	5	37	37
	3	42	13	35	189	253	19	38	259	265	6	6	10	10	17	17	83	83
	1	44	3	14	59	160	3	14	201	214								
	2	44	17	33	183	267	17	33	261	274							11	11
	3	44	9	29	186	249	13	31	256	262	3	3	4	4	5	5	43	43
2070	1	40	3	19	154	244	3	19	243	270							1	1
(01)	2	40	15	48	225	285	19	50	288	304	6	6	8	8	13	13	61	61
	3	40	10	39	206	250	21	46	272	274	12	12	19	19	34	34	76	76
	1	42	1	11	111	215	1	11	214	236								
	2	42	10	42	211	277	12	42	278	298	2	2	3	3	5	5	25	25
	3	42	9	29	198	245	13	32	264	273	4	4	10	10	15	15	60	60
	1	44		5	60	163		5	173	202								
	2	44	6	30	185	265	7	30	264	288			1	1	1	1	9	9
	3	44	4	26	194	241	6	27	258	268	1	1	3	3	5	5	35	35

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(18a)

City	Port Hedland	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	20	85	230	286	20	85	255	254								
(90)	2	40	50	177	269	300	53	176	293	293	9	9	10	10	27	27	99	99
	3	40	33	173	251	285	50	174	284	284	14	14	19	20	40	42	121	121
	1	42	12	60	203	275	12	60	233	232								
	2	42	37	151	264	295	39	151	287	286	2	2	2	2	3	3	52	52
	3	42	29	149	247	281	34	150	280	280	6	6	10	10	16	17	90	90
	1	44	6	36	163	262	6	36	209	205								
	2	44	29	123	249	294	29	123	278	276					2	2	19	19
	3	44	19	130	242	276	21	129	274	274	2	2	3	3	5	5	59	59
2070	1	40	6	68	212	292	6	68	256	254							1	1
(91)	2	40	38	149	266	321	52	150	314	314	27	27	29	29	44	44	108	108
	3	40	24	145	240	296	67	150	295	295	42	42	54	54	74	74	121	121
	1	42	4	40	188	273	4	40	234	233								
	2	42	24	118	252	317	26	118	302	299	5	5	7	7	13	13	68	68
	3	42	20	127	231	287	39	127	282	281	19	19	35	35	50	50	102	102
	1	44	2	23	148	248	2	23	209	207								
	2	44	15	96	232	306	15	96	281	281							22	22
	3	44	9	104	228	278	18	103	274	274	8	8	13	13	20	20	74	74
2070	1	40	8	58	197	276	8	58	247	245							1	1
(92)	2	40	25	127	252	308	28	127	287	285	5	5	9	9	16	16	70	70
	3	40	14	123	228	280	21	125	272	272	2	2	8	8	23	24	91	91
	1	42		36	152	256		36	223	221								
	2	42	18	102	240	301	18	102	277	277	1	1	1	1	4	4	29	29
	3	42	8	109	226	269	13	111	267	267	1	1	1	1	6	6	62	62
	1	44		16	106	234		16	196	191								
	2	44	13	83	229	291	13	83	268	267							12	12
	3	44	6	90	219	264	7	91	256	256					2	2	32	32
2070	1	40	9	69	193	261	9	69	249	249							2	2
(93)	2	40	31	142	235	281	39	142	284	284	10	10	16	16	26	26	97	97
	3	40	17	128	212	261	44	135	264	264	23	24	32	32	56	56	114	114
	1	42	4	43	172	244	4	43	222	221								
	2	42	22	123	228	279	23	123	273	273	3	3	3	3	6	6	58	58
	3	42	15	113	211	253	25	116	260	260	5	5	14	14	29	29	99	99
	1	44	1	20	140	224	1	20	194	192								
	2	44	14	100	213	276	14	100	267	267			1	1	1	1	16	16
	3	44	11	103	202	252	15	102	254	254	2	2	5	5	7	7	62	62
2070	1	40	15	102	239	296	15	102	265	260							1	1
(94)	2	40	47	180	280	329	57	180	301	301	16	16	20	20	31	31	102	102
	3	40	31	169	260	305	61	173	290	290	27	27	34	34	51	53	121	121
	1	42	9	59	213	286	9	59	240	230								
	2	42	39	156	277	321	38	156	294	292	3	3	5	5	13	13	50	50
	3	42	26	151	259	300	38	152	285	284	10	10	19	19	32	32	94	94
	1	44	4	35	164	277	4	35	210	197								
	2	44	25	135	269	312	25	135	288	279					1	1	22	22
	3	44	23	134	255	297	26	135	283	282	4	4	5	5	10	10	61	61
2070	1	40	5	60	197	259	5	60	257	255								
(95)	2	40	20	138	250	293	23	137	289	289	5	5	9	9	21	21	74	74
	3	40	13	125	225	274	28	130	281	281	13	13	22	22	41	41	97	97
	1	42	2	30	164	254	2	30	234	231								
	2	42	15	116	246	283	16	116	284	282	1	1	3	3	3	3	27	27
	3	42	10	111	221	270	13	111	274	274	3	3	5	5	18	18	78	78
	1	44		14	117	241		14	211	203								
	2	44	8	94	229	275	8	94	278	276							9	9
	3	44	7	93	219	263	11	93	266	266	3	3	3	3	4	4	36	36

APPENDIX - 8
(Predicted dangerous days for projected 2070 conditions)

Table - 8(18a)

City	Port Hedland	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	13	86	234	295	13	86	294	292								
(96)	2	40	46	161	275	324	53	161	322	322	16	16	26	26	36	37	106	106
	3	40	36	149	264	313	60	154	313	313	27	27	37	37	59	61	126	126
	1	42	7	59	193	280	7	59	255	252								
	2	42	35	136	268	318	37	136	317	317	4	4	7	7	11	11	56	56
	3	42	25	130	258	305	39	131	308	308	14	14	15	15	26	26	102	102
	1	44	3	32	138	268	3	32	218	209								
	2	44	23	114	253	307	23	114	306	306							19	19
	3	44	21	115	251	297	26	115	298	298	5	5	7	7	11	11	61	61
2070	1	40	7	51	202	256	7	51	250	250								
(97)	2	40	20	125	240	283	23	125	280	280	6	6	10	10	27	27	93	93
	3	40	16	121	229	263	36	128	273	273	27	27	39	39	56	57	115	115
	1	42	3	26	162	245	3	26	234	234								
	2	42	16	105	235	277	16	105	273	273			1	1	3	3	40	40
	3	42	13	109	224	263	19	111	268	268	6	6	15	15	27	27	93	93
	1	44	2	16	112	233	2	16	209	201								
	2	44	15	81	225	270	15	81	268	268							9	9
	3	44	9	97	219	258	11	97	261	261	1	1	2	2	5	5	60	60
2070	1	40	9	86	238	301	9	86	286	284							3	3
(98)	2	40	41	171	285	310	48	171	310	310	14	14	21	21	35	35	97	97
	3	40	31	164	266	303	52	164	301	301	27	28	34	34	57	59	127	127
	1	42	6	58	195	290	6	58	267	264								
	2	42	27	142	275	310	31	142	305	305	5	5	7	7	14	14	54	54
	3	42	20	145	261	298	36	147	298	298	16	17	19	20	31	31	99	99
	1	44	4	27	144	274	4	27	232	224								
	2	44	22	114	267	305	22	114	299	299					2	2	22	22
	3	44	15	127	257	297	23	127	295	295	6	6	9	10	16	16	67	67
2070	1	40	2	36	186	279	2	36	263	263							1	1
(99)	2	40	15	101	251	315	23	101	303	303	15	15	23	23	36	36	86	86
	3	40	10	103	231	287	33	106	290	290	31	31	42	42	58	58	105	105
	1	42	1	20	136	263	1	20	233	230								
	2	42	9	81	243	308	11	81	292	292			3	3	11	11	48	48
	3	42	8	78	223	283	19	82	282	282	15	15	22	22	33	33	84	84
	1	44		9	84	239		9	198	190								
	2	44	4	60	234	299	4	60	283	282					1	1	13	13
	3	44	5	67	216	279	8	67	277	277	3	3	8	8	15	15	59	59
2070	1	40	14	40	170	274	14	40	254	253								
(00)	2	40	23	89	239	298	30	91	281	281	7	7	9	9	20	20	80	80
	3	40	16	84	217	282	31	88	270	270	17	17	26	26	44	45	115	115
	1	42	5	27	124	252	5	27	238	234								
	2	42	21	75	225	293	22	75	270	270	2	2	2	2	5	5	37	37
	3	42	16	73	206	274	22	74	259	259	6	6	10	10	17	17	83	83
	1	44	4	21	76	224	4	21	204	193								
	2	44	19	58	203	285	19	58	261	261							11	11
	3	44	14	57	194	268	17	57	256	256	3	3	4	4	5	5	43	43
2070	1	40	5	42	168	277	5	42	243	243							1	1
(01)	2	40	19	104	237	316	23	105	288	288	6	6	8	8	13	13	61	61
	3	40	15	93	212	287	25	97	272	272	12	12	19	19	34	34	76	76
	1	42	2	22	130	253	2	22	216	213								
	2	42	15	74	227	305	16	74	278	278	2	2	3	3	5	5	25	25
	3	42	11	76	207	278	14	78	264	264	4	4	10	10	15	15	60	60
	1	44		15	76	225		15	176	171								
	2	44	10	57	211	292	10	57	266	264			1	1	1	1	9	9
	3	44	10	57	201	273	12	58	258	258	1	1	3	3	5	5	35	35

APPENDIX - 9

(Predicted dangerous days for projected 2070 conditions)

Table - 9(1)

City	Sydney	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	2	5	10	1	2	11	12								
(90)	2	40	2	2	11	19	2	2	26	27								
	3	40		2	6	11		2	21	21								
	1	42		2	5	7		2	9	9								
	2	42	2	2	7	15	2	2	23	24								
	3	42		2	5	10		2	18	18								
	1	44		1	3	4		1	2	3								
	2	44	1	2	5	11	1	2	19	20								
	3	44		1	3	9		1	17	17								
2070	1	40		1	6	15		1	16	19								
(91)	2	40	1	1	15	25	1	1	37	38								
	3	40		1	6	16		1	30	30								
	1	42		1	2	10		1	9	13								
	2	42		1	12	21		1	29	32								
	3	42		1	6	15		1	28	28								
	1	44			2	7			3	7								
	2	44		1	9	17		1	24	25								
	3	44		1	4	14		1	25	27								
2070	1	40				2			6	6								
(92)	2	40			3	5			12	12								
	3	40			1	4			11	11								
	1	42				2			5	5								
	2	42			3	5			11	11								
	3	42				3			10	10								
	1	44				2			3	5								
	2	44			2	5			9	9								
	3	44				3			9	9								
2070	1	40			7	14			20	21								
(93)	2	40		1	13	23		1	30	31								
	3	40			6	12			20	20								
	1	42			4	8			13	14								
	2	42			12	21			28	28								
	3	42			6	11			19	19								
	1	44			3	5			7	8								
	2	44			11	19			24	25								
	3	44			5	11			17	17								
2070	1	40			8	12			16	17								
(94)	2	40		2	10	15		2	30	30								
	3	40		1	4	10		1	24	24								
	1	42			6	10			7	9								
	2	42		2	10	13		2	26	26								
	3	42		1	3	8		1	21	21								
	1	44			5	8			3	6								
	2	44		2	9	13		2	21	22								
	3	44		1	2	7		1	18	18								
2070	1	40			3	6			9	9								
(95)	2	40			5	15			21	21								
	3	40			3	7			13	13								
	1	42			2	5			5	8								
	2	42			5	13			16	18								
	3	42			3	6			13	13								
	1	44				4				4								
	2	44			4	11			12	15								
	3	44			3	5			10	11								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(1)

City	Sydney	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			4	6			9	10								
(96)	2	40			6	18			22	26								
	3	40			2	5			12	12								
	1	42			1	6			3	7								
	2	42			6	17			19	23								
	3	42			2	5			10	11								
	1	44				5				5								
	2	44			5	13			14	17								
	3	44			2	4			7	8								
2070	1	40			5	12			16	19								
(97)	2	40		1	9	20		1	28	28								
	3	40			5	13			20	20								
	1	42			2	7			10	12								
	2	42		1	7	19		1	23	23								
	3	42			5	11			20	20								
	1	44			1	6			2	6								
	2	44			6	16			21	21								
	3	44			4	11			16	16								
2070	1	40			2	20			28	33								
(98)	2	40			13	31			49	49								
	3	40			9	22			38	39								
	1	42			2	8			11	16								
	2	42			7	28			44	45								
	3	42			6	16			32	32								
	1	44				4			2	5								
	2	44			5	25			36	40								
	3	44			5	14			30	30								
2070	1	40				3			12	14								
(99)	2	40			1	11			27	28								
	3	40			3	5			18	18								
	1	42				1			4	4								
	2	42			1	8			23	24								
	3	42			2	4			18	18								
	1	44				1				1								
	2	44			1	4			21	22								
	3	44				4			15	16								
2070	1	40			5	14			17	20								
(00)	2	40			11	27			34	35								
	3	40			6	20			29	29								
	1	42			3	8			8	11								
	2	42			8	24			29	32								
	3	42			3	16			26	27								
	1	44				7			2	7								
	2	44			7	18			25	27								
	3	44			3	12			23	25								
2070	1	40			1	10			19	20								
(01)	2	40			4	19			31	32								
	3	40			4	12			24	24								
	1	42				3			11	12								
	2	42			3	16			27	27								
	3	42			4	11			22	22								
	1	44				2			4	4								
	2	44			3	15			23	23								
	3	44			2	9			20	20								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(1a)

City	Sydney	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	2	5	14	1	2	11	11								
(90)	2	40	2	3	14	26	2	3	26	26								
	3	40	1	2	6	17	1	2	21	21								
	1	42		2	5	10		2	9	8								
	2	42	2	3	8	20	2	3	23	23								
	3	42		2	6	13		2	18	18								
	1	44		2	4	6		2	3	2								
	2	44	2	2	6	18	2	2	19	19								
	3	44		2	5	12		2	17	17								
2070	1	40		1	7	19		1	16	16								
(91)	2	40	1	1	18	34	1	1	37	37								
	3	40		1	8	21		1	30	30								
	1	42		1	5	16		1	11	9								
	2	42	1	1	14	28	1	1	29	28								
	3	42		1	6	19		1	28	28								
	1	44		1	2	11		1	3	3								
	2	44		1	10	24		1	24	23								
	3	44		1	6	16		1	25	25								
2070	1	40			2	5			6	6								
(92)	2	40			3	9			12	12								
	3	40			1	7			11	11								
	1	42				2			5	5								
	2	42			3	8			11	11								
	3	42				7			10	10								
	1	44				2			3	3								
	2	44			2	5			9	9								
	3	44				7			9	9								
2070	1	40			7	20			20	19								
(93)	2	40		2	15	33		2	30	30								
	3	40		1	6	15		1	20	20								
	1	42			5	15			14	13								
	2	42		2	13	31		2	28	28								
	3	42		1	6	14		1	19	19								
	1	44			3	8			7	7								
	2	44		1	11	24		1	24	23								
	3	44			6	14			17	17								
2070	1	40		2	8	13		2	16	16								
(94)	2	40		4	11	23		4	30	30								
	3	40	1	1	6	16	1	1	24	24								
	1	42			7	13			8	6								
	2	42		3	10	18		3	26	26								
	3	42		1	5	13		1	21	21								
	1	44			6	10			4	1								
	2	44		3	10	17		3	21	21								
	3	44		1	2	11		1	18	18								
2070	1	40			4	13			9	9								
(95)	2	40		1	6	18		1	21	21								
	3	40			3	9			13	13								
	1	42			2	7			5	4								
	2	42			6	17			16	16								
	3	42			3	8			13	13								
	1	44			1	5			1									
	2	44			5	16			12	12								
	3	44			3	7			10	10								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(1a)

City	Sydney	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	17			10	7								
(96)	2	40			6	26			22	22								
	3	40			3	9			12	12								
	1	42			2	8			4	2								
	2	42			6	24			19	19								
	3	42			3	9			10	10								
	1	44				6												
	2	44			6	20			14	14								
	3	44			2	8			7	7								
2070	1	40		1	6	19		1	16	15								
(97)	2	40		2	12	22		2	28	28								
	3	40			7	17			20	20								
	1	42			4	13			11	9								
	2	42		2	10	21		2	23	23								
	3	42			6	15			20	20								
	1	44			2	9			3	1								
	2	44		1	7	21		1	21	21								
	3	44			5	14			16	16								
2070	1	40			4	28			29	28								
(98)	2	40		2	19	42		2	49	49								
	3	40		2	12	29		2	38	38								
	1	42			2	21			11	10								
	2	42			14	40			44	44								
	3	42		2	10	26		2	32	32								
	1	44			2	13			3	2								
	2	44			7	35			37	36								
	3	44		1	7	23		1	30	30								
2070	1	40			1	8			12	12								
(99)	2	40			3	22			27	27								
	3	40			3	13			18	18								
	1	42				4			4	4								
	2	42			2	20			23	23								
	3	42			3	13			18	18								
	1	44				1												
	2	44			1	15			21	21								
	3	44			2	12			15	15								
2070	1	40			7	24			17	17								
(00)	2	40		1	13	29		1	34	34								
	3	40			10	25			29	29								
	1	42			5	17			9	7								
	2	42			10	27			29	29								
	3	42			9	24			26	26								
	1	44			1	10			2	2								
	2	44			8	27			25	25								
	3	44			4	24			23	23								
2070	1	40			3	16			20	19								
(01)	2	40			9	24			31	31								
	3	40			5	18			24	24								
	1	42				13			11	11								
	2	42			4	21			27	27								
	3	42			5	15			22	22								
	1	44				4			4	4								
	2	44			3	19			23	22								
	3	44			4	15			20	20								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(2)

City	Sydney	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	2	7	15	2	2	23	24								
(90)	2	40	2	3	20	30	2	3	42	45								
	3	40	1	2	7	16	1	2	38	39								
	1	42	1	2	5	10	1	2	13	14								
	2	42	2	3	17	23	2	3	36	37								
	3	42	1	2	7	14	1	2	31	31								
	1	44		2	5	7		2	11	11								
	2	44	2	2	14	22	2	2	29	31								
	3	44	1	2	6	13	1	2	27	27								
2070	1	40		1	12	22		1	31	34								
(91)	2	40	1	1	19	34	1	1	62	62								
	3	40		1	12	21		1	53	54							1	1
	1	42		1	7	16		1	18	21								
	2	42	1	1	19	29	1	1	53	54								
	3	42		1	10	19		1	44	45								
	1	44		1	3	11		1	12	16								
	2	44	1	1	17	26	1	1	41	42								
	3	44		1	10	18		1	36	36								
2070	1	40			3	5			11	11								
(92)	2	40			4	10			19	20								
	3	40			3	7			18	18								
	1	42			2	2			8	8								
	2	42			3	8			15	15								
	3	42			3	7			16	16								
	1	44				2			5	5								
	2	44			3	5			13	13								
	3	44			2	7			15	15								
2070	1	40			12	22			28	29								
(93)	2	40		2	20	34		2	49	49							1	1
	3	40		1	11	16		1	34	34								
	1	42			8	16			22	23								
	2	42		2	16	31		2	44	45								
	3	42		1	10	14		1	31	31								
	1	44			5	9			14	15								
	2	44		1	14	25		1	36	38								
	3	44			9	14			23	24								
2070	1	40		2	10	13		2	26	26								
(94)	2	40	2	4	14	24	2	4	46	46								
	3	40	1	1	9	16	1	1	40	40							1	1
	1	42		1	8	13		1	18	19								
	2	42		3	13	19		3	45	45								
	3	42	1	1	8	14	1	1	36	36								
	1	44			6	10			7	9								
	2	44		3	10	17		3	33	34								
	3	44	1	1	7	13	1	1	33	33								
2070	1	40			5	13			16	18								
(95)	2	40		2	10	18		2	29	30								
	3	40			5	9			25	25								
	1	42			4	7			11	11								
	2	42		1	7	17		1	23	23								
	3	42			5	8			21	21								
	1	44			2	5			6	8								
	2	44			6	16			22	22								
	3	44			4	7			18	18								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(2)

City	Sydney	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	17			19	23								
(96)	2	40			11	26			34	35								
	3	40			4	9			21	21								
	1	42			5	8			12	13								
	2	42			7	24			32	34								
	3	42			3	9			19	19								
	1	44			1	6			5	7								
	2	44			6	20			28	31								
	3	44			3	8			16	17								
2070	1	40		1	7	19		1	23	23								
(97)	2	40		2	15	22		2	46	46								
	3	40			9	17			36	36								
	1	42			6	13			17	19								
	2	42		2	13	21		2	37	37								
	3	42			9	16			30	30								
	1	44			4	9			11	14								
	2	44		1	11	21		1	31	31								
	3	44			8	14			25	25								
2070	1	40			7	28			44	45								
(98)	2	40		2	25	42		2	61	61								
	3	40		2	13	29		2	53	53								
	1	42			4	21			34	36								
	2	42		1	20	40		1	58	58								
	3	42		2	13	26		2	49	49								
	1	44			2	13			17	22								
	2	44			17	35			52	52								
	3	44		1	12	24		1	46	46								
2070	1	40			1	8			23	24								
(99)	2	40			4	23			40	40								
	3	40			4	13			36	36								
	1	42			1	4			15	16								
	2	42			3	20			34	34								
	3	42			3	13			33	33								
	1	44				1			7	7								
	2	44			3	15			28	29								
	3	44			3	13			26	26								
2070	1	40			8	25			29	32								
(00)	2	40		1	19	29		1	46	46								
	3	40			12	25			41	41								
	1	42			7	17			19	23								
	2	42			16	27			43	43								
	3	42			10	24			39	39								
	1	44			4	10			12	15								
	2	44			12	27			36	36								
	3	44			10	24			35	35								
2070	1	40			3	17			28	28								
(01)	2	40			14	24			45	45								
	3	40			8	18			39	40								
	1	42			2	13			19	21								
	2	42			11	21			39	40								
	3	42			7	15			35	35								
	1	44				4			11	12								
	2	44			6	19			34	35								
	3	44			7	15			29	29								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(2a)

City	Sydney	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	3	8	20	2	3	23	23								
(90)	2	40	2	3	22	36	2	3	42	42								
	3	40	1	3	9	28	1	3	38	38								
	1	42	1	2	5	15	1	2	13	13								
	2	42	2	3	18	33	2	3	36	36								
	3	42	1	3	8	24	1	3	31	31								
	1	44		2	5	11		2	11	10								
	2	44	2	3	16	31	2	3	29	29								
	3	44	1	2	7	22	1	2	27	27								
2070	1	40	1	1	14	28	1	1	31	30								
(91)	2	40	1	6	22	41	1	6	62	62								
	3	40	1	1	14	30	1	1	53	53							1	1
	1	42		1	8	21		1	19	18								
	2	42	1	5	19	37	1	5	53	53								
	3	42	1	1	13	27	1	1	44	44								
	1	44		1	6	16		1	13	12								
	2	44	1	1	19	34	1	1	41	41								
	3	44		1	10	25		1	36	36								
2070	1	40			3	8			11	11								
(92)	2	40			5	15			19	19								
	3	40			3	13			18	18								
	1	42			2	5			8	8								
	2	42			4	13			15	15								
	3	42			3	11			16	16								
	1	44				4			5	5								
	2	44			3	12			13	13								
	3	44			3	10			15	15								
2070	1	40		2	13	31		2	28	28								
(93)	2	40		4	22	44		4	49	49							1	1
	3	40		2	12	26		2	34	34								
	1	42		1	10	22		1	22	21								
	2	42		3	19	39		3	44	44								
	3	42		2	10	23		2	31	31								
	1	44			6	18			15	14								
	2	44		2	16	35		2	36	36								
	3	44		1	10	19		1	23	23								
2070	1	40		3	10	18		3	26	26								
(94)	2	40	2	6	14	37	2	6	46	46								
	3	40	1	2	9	27	1	2	40	40							1	1
	1	42		2	9	15		2	18	18								
	2	42	2	5	14	30	2	5	45	45								
	3	42	1	2	9	22	1	2	36	36								
	1	44		2	8	13		2	9	7								
	2	44		4	12	24		4	33	33								
	3	44	1	2	7	20	1	2	33	33								
2070	1	40		1	6	17		1	16	16								
(95)	2	40		3	13	26		3	29	29								
	3	40		1	5	17		1	25	25								
	1	42			4	14			11	11								
	2	42		2	10	23		2	23	23								
	3	42			5	12			21	21								
	1	44			3	10			6	6								
	2	44		2	7	18		2	22	22								
	3	44			5	11			18	18								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(2a)

City	Sydney	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	24			19	19								
(96)	2	40		3	15	27		3	34	34								
	3	40			4	16			21	21								
	1	42			5	17			12	9								
	2	42		2	13	27		2	32	32								
	3	42			4	16			19	19								
	1	44			3	11			6	4								
	2	44		1	7	26		1	28	28								
	3	44			3	13			16	16								
2070	1	40		2	10	21		2	23	23								
(97)	2	40	1	5	19	30	1	5	46	46								
	3	40		2	11	20		2	36	36								
	1	42		1	6	20		1	17	17								
	2	42		4	16	28		4	37	37								
	3	42		2	10	19		2	30	30								
	1	44			4	15			11	10								
	2	44		2	13	25		2	31	31								
	3	44			9	19			25	25								
2070	1	40		1	14	40		1	44	44								
(98)	2	40		2	26	50		2	61	61								
	3	40		3	14	36		3	53	53								
	1	42			5	31			34	34								
	2	42		2	25	46		2	58	58								
	3	42		2	13	33		2	49	49								
	1	44			2	25			17	16								
	2	44		2	20	42		2	52	52								
	3	44		2	13	30		2	46	46								
2070	1	40			2	20			23	23								
(99)	2	40			8	31			40	40								
	3	40			4	22			36	36								
	1	42			1	10			15	15								
	2	42			4	30			34	34								
	3	42			4	20			33	33								
	1	44				4			7	7								
	2	44			3	28			28	28								
	3	44			4	16			26	26								
2070	1	40			10	27			29	29								
(00)	2	40		5	23	37		5	46	46								
	3	40		3	13	29		3	41	41								
	1	42			7	26			19	19								
	2	42		5	19	33		5	43	43								
	3	42		3	13	27		3	39	39								
	1	44			5	18			12	10								
	2	44		3	16	31		3	36	36								
	3	44		1	11	26		1	35	35								
2070	1	40			4	21			28	28								
(01)	2	40		1	16	33		1	45	45								
	3	40		1	10	21		1	39	39								
	1	42			3	18			20	19								
	2	42			14	30			39	39								
	3	42		1	9	21		1	35	35								
	1	44			1	14			11	11								
	2	44			11	25			34	34								
	3	44			7	19			29	29								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(3)

City	Sydney	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	2	10	18	2	2	25	26								
(90)	2	40	2	3	20	32	2	3	44	47								
	3	40	1	2	8	17	1	2	39	39								
	1	42	1	2	5	11	1	2	15	17								
	2	42	2	3	18	24	2	3	37	38								
	3	42	1	2	7	15	1	2	35	35								
	1	44		2	5	7		2	11	11								
	2	44	2	2	16	22	2	2	32	33								
	3	44	1	2	6	13	1	2	29	29								
2070	1	40	1	1	13	23	1	1	32	35								
(91)	2	40	1	1	19	34	1	1	65	65							1	1
	3	40	1	1	12	21	1	1	57	58							1	1
	1	42		1	7	16		1	19	21								
	2	42	1	1	19	31	1	1	55	55								
	3	42		1	10	20		1	49	50								
	1	44		1	5	13		1	14	18								
	2	44	1	1	18	27	1	1	44	45								
	3	44		1	10	19		1	38	39								
2070	1	40			3	5			12	12								
(92)	2	40			5	10			20	21								
	3	40			3	8			18	18								
	1	42			2	2			8	8								
	2	42			3	9			15	15								
	3	42			3	7			17	17								
	1	44				2			5	5								
	2	44			3	5			14	14								
	3	44			3	7			15	15								
2070	1	40		1	12	23		1	28	29								
(93)	2	40		2	22	34		2	54	54							1	1
	3	40		1	11	18		1	36	36								
	1	42			8	18			22	23								
	2	42		2	18	32		2	44	45								
	3	42		1	10	14		1	33	33								
	1	44			6	10			16	16								
	2	44		1	15	28		1	38	39								
	3	44			9	14			25	25								
2070	1	40		2	10	15		2	28	29								
(94)	2	40	2	4	15	24	2	4	50	50								
	3	40	1	1	9	18	1	1	42	42							1	1
	1	42		2	8	13		2	18	19								
	2	42		3	14	19		3	45	45								
	3	42	1	1	8	16	1	1	37	37							1	1
	1	44			7	10			12	12								
	2	44		3	11	19		3	37	37								
	3	44	1	1	7	13	1	1	34	34								
2070	1	40			5	14			18	20								
(95)	2	40		2	11	18		2	30	31								
	3	40			5	10			27	27								
	1	42			4	9			11	13								
	2	42		1	7	17		1	25	25								
	3	42			5	8			24	24								
	1	44			2	6			6	8								
	2	44			6	16			22	22								
	3	44			4	8			18	18								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(3)

City	Sydney	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	17			21	24								
(96)	2	40			13	26			36	37								
	3	40			4	10			22	22								
	1	42			5	11			13	15								
	2	42			8	25			32	34								
	3	42			3	9			20	20								
	1	44			2	6			7	8								
	2	44			6	21			29	31								
	3	44			3	9			18	19								
2070	1	40		1	8	20		1	25	25								
(97)	2	40		2	16	23		2	53	54								
	3	40			10	19			39	39								
	1	42			6	14			20	21								
	2	42		2	13	22		2	41	41								
	3	42			9	17			31	31								
	1	44			4	10			11	15								
	2	44		1	11	21		1	31	31								
	3	44			8	15			26	26								
2070	1	40			9	30			46	46								
(98)	2	40		2	25	42		2	62	62								
	3	40		2	13	29		2	55	55								
	1	42			4	24			35	38								
	2	42		2	21	40		2	59	59								
	3	42		2	13	27		2	51	51								
	1	44			2	16			19	25								
	2	44			18	38			53	53								
	3	44		1	12	26		1	49	49								
2070	1	40			1	9			25	25								
(99)	2	40			4	24			42	42								
	3	40			4	15			37	37								
	1	42			1	4			17	18								
	2	42			4	20			34	34								
	3	42			4	13			34	34								
	1	44				2			8	9								
	2	44			3	17			31	32								
	3	44			3	13			29	29								
2070	1	40			8	26			32	33								
(00)	2	40		2	19	29		2	49	49								
	3	40			13	25			41	41								
	1	42			7	18			22	26								
	2	42		1	18	29		1	45	45								
	3	42			11	24			40	40								
	1	44			5	10			15	16								
	2	44			13	27			39	39								
	3	44			10	24			37	37								
2070	1	40			4	18			28	28								
(01)	2	40			15	24			49	49								
	3	40			10	18			39	40								
	1	42			3	14			21	21								
	2	42			13	22			42	42								
	3	42			8	17			37	38								
	1	44				4			13	14								
	2	44			9	19			37	38								
	3	44			7	15			32	32								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(3a)

City	Sydney	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	3	11	22	2	3	25	25								
(90)	2	40	2	3	22	36	2	3	44	44								
	3	40	2	3	10	29	2	3	39	39								
	1	42	2	2	6	15	2	2	15	15								
	2	42	2	3	19	33	2	3	37	37								
	3	42	1	3	8	24	1	3	35	35								
	1	44	1	2	5	11	1	2	11	11								
	2	44	2	3	16	32	2	3	32	32								
	3	44	1	2	7	24	1	2	29	29								
2070	1	40	1	1	16	30	1	1	33	32								
(91)	2	40	1	6	23	41	1	6	65	65							1	1
	3	40	1	1	16	34	1	1	57	57							1	1
	1	42		1	8	23		1	20	19								
	2	42	1	5	19	38	1	5	55	55								
	3	42	1	1	14	28	1	1	49	49								
	1	44		1	6	16		1	14	13								
	2	44	1	1	19	35	1	1	44	44								
	3	44		1	12	26		1	38	38								
2070	1	40			3	9			12	12								
(92)	2	40			5	16			20	20								
	3	40			3	13			18	18								
	1	42			2	5			8	8								
	2	42			5	13			15	15								
	3	42			3	11			17	17								
	1	44				5			5	5								
	2	44			3	13			14	14								
	3	44			3	11			15	15								
2070	1	40		2	14	31		2	28	28								
(93)	2	40		4	23	44		4	54	54							1	1
	3	40		3	12	27		3	36	36								
	1	42		1	10	22		1	22	21								
	2	42		3	21	40		3	44	44								
	3	42		2	10	23		2	33	33								
	1	44			6	19			16	15								
	2	44		2	17	36		2	38	38								
	3	44		1	10	23		1	25	25								
2070	1	40		3	10	18		3	28	28								
(94)	2	40	2	6	15	38	2	6	50	50								
	3	40	1	2	9	28	1	2	42	42							1	1
	1	42		2	9	15		2	18	18								
	2	42	2	5	14	33	2	5	45	45								
	3	42	1	2	9	22	1	2	37	37							1	1
	1	44		2	8	13		2	12	11								
	2	44		4	14	25		4	37	37								
	3	44	1	2	8	21	1	2	34	34								
2070	1	40		1	6	17		1	18	18								
(95)	2	40		3	13	27		3	30	30								
	3	40		1	6	17		1	27	27								
	1	42			4	15			11	11								
	2	42		2	12	24		2	25	25								
	3	42		1	5	17		1	24	24								
	1	44			3	11			6	6								
	2	44		2	7	19		2	22	22								
	3	44			5	11			18	18								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(3a)

City	Sydney	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	25			21	21								
(96)	2	40		4	17	27		4	36	36								
	3	40			5	19			22	22								
	1	42			5	18			13	11								
	2	42		2	14	27		2	32	32								
	3	42			4	16			20	20								
	1	44			3	13			7	5								
	2	44		1	8	26		1	29	29								
	3	44			4	14			18	18								
2070	1	40		2	10	22		2	25	25								
(97)	2	40	1	6	19	32	1	6	53	53								
	3	40		2	11	23		2	39	39								
	1	42		1	6	20		1	20	20								
	2	42		4	18	28		4	41	41								
	3	42		2	10	20		2	31	31								
	1	44			5	16			11	10								
	2	44		3	13	25		3	31	31								
	3	44			9	19			26	26								
2070	1	40		2	16	40		2	46	46								
(98)	2	40		2	28	50		2	62	62								
	3	40		3	15	36		3	55	55								
	1	42			6	31			36	35								
	2	42		2	25	47		2	59	59								
	3	42		2	14	35		2	51	51								
	1	44			2	25			19	18								
	2	44		2	21	43		2	53	53								
	3	44		2	13	32		2	49	49								
2070	1	40			2	20			25	25								
(99)	2	40			8	36			42	42								
	3	40			4	23			37	37								
	1	42			1	11			17	17								
	2	42			4	31			34	34								
	3	42			4	20			34	34								
	1	44				4			8	8								
	2	44			4	28			31	31								
	3	44			4	18			29	29								
2070	1	40		1	11	29		1	32	32								
(00)	2	40		5	25	40		5	49	49								
	3	40		3	16	29		3	41	41								
	1	42			8	27			23	22								
	2	42		5	20	33		5	45	45								
	3	42		3	13	28		3	40	40								
	1	44			5	18			15	14								
	2	44		3	18	31		3	39	39								
	3	44		1	12	26		1	37	37								
2070	1	40			4	22			28	28								
(01)	2	40		1	17	33		1	49	49								
	3	40		1	10	21		1	39	39								
	1	42			3	19			21	20								
	2	42			15	31			42	42								
	3	42		1	10	21		1	37	37								
	1	44			1	15			13	13								
	2	44			13	27			37	37								
	3	44			7	20			32	32								

APPENDIX - 9

(Predicted dangerous days for projected 2070 conditions)

Table - 9(4)

City	Sydney	Dress	Fully Clothed					Activity		Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick							
		Gender	Male					Met. Rate		1492 K. joules / hr.							
Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.																	
Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	9	10	35	47	3	4	90	91					3	3	16	16
(90)	2	40	39	44	45	69	38	39	128	128	56	56	64	65	86	86	121	122
	3	40	15	19	31	57	50	50	119	119	71	71	81	81	101	101	139	146
	1	42	2	3	29	40	2	3	67	67							2	2
	2	42	33	38	43	66	20	21	120	121	25	25	45	45	57	57	86	86
	3	42	15	18	28	50	31	31	110	110	48	48	60	60	85	85	118	120
	1	44	2	3	22	33	2	3	47	49								
	2	44	28	30	43	56	9	10	112	113	9	9	16	16	27	27	56	56
	3	44	15	18	26	48	21	22	105	105	30	30	46	46	57	57	94	94
2070	1	40	3	9	38	59	2	8	91	91	1	1	5	5	8	8	18	18
(91)	2	40	28	38	52	84	38	42	113	113	49	49	54	54	72	72	96	98
	3	40	8	16	35	69	42	44	100	102	53	53	65	66	76	79	113	119
	1	42	1	6	26	41	1	6	78	78							3	3
	2	42	18	27	48	80	22	27	101	103	30	30	37	37	43	43	73	74
	3	42	6	13	29	65	30	32	96	97	41	41	51	51	66	67	95	99
	1	44	1	1	20	34	1	1	67	67							1	1
	2	44	7	15	43	74	10	15	98	98	14	14	23	23	31	31	54	54
	3	44	5	10	27	62	21	23	95	95	28	28	38	38	49	49	77	78
2070	1	40	1	3	15	27	1	3	59	59	2	2	4	4	5	5	9	9
(92)	2	40	28	30	30	44	19	19	102	102	44	44	56	56	65	65	98	98
	3	40	10	13	14	26	29	29	82	83	50	50	62	62	73	73	112	113
	1	42			5	15			37	37							1	1
	2	42	24	26	24	40	11	11	92	92	15	15	27	27	35	35	65	65
	3	42	7	8	13	22	21	21	74	74	32	32	39	39	61	61	93	94
	1	44			5	12			21	22								
	2	44	11	13	24	33	6	7	79	79	7	7	11	11	16	16	26	26
	3	44	4	4	11	18	11	11	69	70	20	20	31	31	40	40	66	66
2070	1	40	6	10	40	53	5	8	73	73	4	4	5	5	10	10	17	17
(93)	2	40	35	42	51	68	31	32	107	107	46	46	56	56	66	67	97	97
	3	40	14	20	30	51	41	43	94	95	54	55	63	64	77	80	115	118
	1	42	1	4	30	47	1	4	63	63					1	1	7	7
	2	42	21	28	49	63	20	21	98	99	25	25	33	33	43	43	74	74
	3	42	12	15	29	47	25	27	89	90	40	40	48	48	66	67	91	92
	1	44		2	22	36		2	55	56							1	1
	2	44	16	21	45	59	11	12	88	88	14	14	18	18	24	24	40	40
	3	44	9	12	27	45	17	18	80	81	24	24	37	37	48	48	74	74
2070	1	40	6	9	28	47	4	7	82	83			2	2	2	2	19	19
(94)	2	40	27	32	43	75	30	32	109	111	38	39	47	47	58	59	92	92
	3	40	7	11	30	57	32	36	102	102	51	52	59	59	73	75	112	117
	1	42	2	6	19	38	2	6	64	66							1	1
	2	42	16	18	37	68	23	23	102	103	23	23	29	29	38	38	68	68
	3	42	4	7	27	54	26	29	99	100	31	33	42	43	61	61	93	94
	1	44	2	4	16	26	2	4	51	51								
	2	44	10	14	32	57	6	9	97	98	9	9	16	16	24	24	38	38
	3	44	3	5	25	49	17	19	95	96	22	22	28	28	42	42	73	73
2070	1	40	1	4	17	29	1	4	65	65					1	1	12	12
(95)	2	40	4	8	28	46	20	22	96	96	26	26	34	34	48	48	73	75
	3	40	2	5	18	35	29	30	84	84	35	35	47	47	62	63	101	107
	1	42		3	16	26		3	47	48								
	2	42	2	6	25	40	13	16	91	91	14	14	20	20	29	29	46	46
	3	42	1	3	17	30	24	25	78	78	21	22	25	25	41	41	76	80
	1	44		2	12	18		2	33	34								
	2	44	2	5	21	34	3	6	81	81	4	4	7	7	15	15	33	33
	3	44		3	12	30	13	14	73	73	15	15	21	21	28	28	52	52

APPENDIX - 9

(Predicted dangerous days for projected 2070 conditions)

Table - 9(4)

City	Sydney	Dress	Fully Clothed				Activity		Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick							
		Gender	Male				Met. Rate		1492 K. joules / hr.							
Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.																
Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		5	27	39		5	66	67							5	5
(96)	2	40	5	8	29	48	19	20	96	96	24	24	36	36	41	44	77	80
	3	40		3	20	37	25	26	84	84	32	33	41	44	56	59	105	114
	1	42		3	20	27		3	49	49								
	2	42	3	6	28	46	7	9	88	88	12	12	17	17	26	26	48	48
	3	42		3	16	34	12	15	78	78	22	22	28	28	39	40	79	83
	1	44		1	14	26		1	38	38								
	2	44	1	6	27	43	2	7	80	80	3	3	4	4	10	10	26	26
	3	44		3	16	33	5	7	72	72	9	9	18	18	28	28	51	51
2070	1	40	2	6	22	43	2	6	87	87					2	2	16	16
(97)	2	40	6	13	32	67	30	36	122	122	31	32	44	45	70	71	106	106
	3	40	2	9	24	48	42	47	109	109	48	49	62	64	86	88	126	133
	1	42	1	4	20	30	1	4	71	71							2	2
	2	42	4	11	29	62	22	27	111	111	17	17	22	22	36	37	76	76
	3	42	2	7	20	44	29	33	101	101	30	30	38	38	60	62	101	101
	1	44		2	18	23		2	54	55								
	2	44	4	9	27	51	9	13	98	98	7	7	13	13	21	21	47	47
	3	44	1	7	19	38	19	24	94	94	23	23	29	29	43	43	83	83
2070	1	40	2	5	40	61	2	5	97	97			2	2	6	6	25	25
(98)	2	40	7	23	53	74	43	48	122	122	51	51	61	61	71	71	113	113
	3	40	3	13	36	58	53	56	112	112	54	57	64	69	93	95	137	141
	1	42		2	33	50		2	79	80							2	2
	2	42	3	19	48	69	21	31	117	117	34	34	42	42	51	51	83	83
	3	42	2	12	36	51	36	40	110	111	44	45	51	52	63	66	112	113
	1	44		2	25	42		2	64	64								
	2	44	2	12	46	66	11	19	101	101	15	15	21	21	28	28	58	58
	3	44	2	10	33	50	21	24	106	107	25	25	38	38	52	53	86	87
2070	1	40		1	21	37		1	82	82							11	11
(99)	2	40	3	5	37	56	30	32	112	112	42	42	51	51	64	64	100	101
	3	40	1	4	23	42	43	45	105	105	52	52	69	70	90	91	129	133
	1	42			14	31			67	67								
	2	42	2	5	31	50	12	14	103	104	29	29	33	33	45	45	71	71
	3	42	1	4	20	41	25	27	102	102	39	39	47	47	63	64	106	108
	1	44			4	26			45	45								
	2	44	1	2	28	44	2	2	95	95	7	7	13	13	21	21	46	46
	3	44		3	20	36	15	17	93	93	24	24	35	35	45	45	83	84
2070	1	40	1	8	29	47	1	8	78	78			1	1	4	4	15	15
(00)	2	40	7	16	40	60	29	33	113	113	38	38	48	49	72	73	109	110
	3	40	3	10	29	52	39	43	97	97	47	47	66	66	88	92	132	134
	1	42		5	27	37		5	69	69							2	2
	2	42	5	12	36	58	18	22	103	103	19	19	26	26	39	39	81	81
	3	42	3	10	28	49	25	28	93	93	29	29	40	40	61	61	110	112
	1	44		3	22	29		3	52	52								
	2	44	3	10	32	53	9	13	93	93	8	8	10	10	17	17	42	42
	3	44	3	9	27	46	17	20	88	88	17	17	26	26	43	43	83	86
2070	1	40		3	24	40	1	3	85	85	3	3	6	6	11	11	22	22
(01)	2	40	2	11	36	63	37	39	125	125	46	46	57	57	70	70	98	98
	3	40	1	7	23	46	44	46	110	110	63	63	69	70	75	77	110	114
	1	42		1	19	33		1	62	62							3	3
	2	42	1	8	33	57	24	26	113	113	30	30	37	37	50	50	72	73
	3	42	1	6	22	40	34	35	105	105	46	46	59	59	68	69	94	95
	1	44			15	25			50	50								
	2	44		4	31	53	14	15	99	99	17	17	24	24	32	32	52	52
	3	44	1	5	22	36	27	28	97	97	33	33	42	42	48	48	74	75

APPENDIX - 9

(Predicted dangerous days for projected 2070 conditions)

Table - 9(4a)

City	Sydney	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	9	14	40	65	3	9	90	90		2		2	3	3	16	16
(90)	2	40	39	58	49	93	38	54	128	128	56	64	64	73	86	106	121	121
	3	40	15	37	34	73	50	59	119	119	71	87	81	108	101	153	139	139
	1	42	2	4	30	47	2	4	67	67							2	2
	2	42	33	44	44	87	20	27	120	120	25	28	45	48	57	67	86	86
	3	42	15	29	33	70	31	39	110	110	48	55	60	71	85	115	118	118
	1	44	2	3	23	37	2	3	47	47								
	2	44	28	34	43	77	9	15	112	112	9	12	16	19	27	30	56	56
	3	44	15	24	30	67	21	26	105	105	30	33	46	50	57	73	94	94
2070	1	40	3	16	38	78	2	15	91	91	1	2	5	5	8	8	18	18
(91)	2	40	30	51	58	100	39	52	113	113	49	60	54	70	72	99	96	96
	3	40	9	28	39	86	42	51	100	100	53	81	65	103	76	140	113	113
	1	42	1	9	28	61	1	9	78	78							3	3
	2	42	18	32	52	95	22	33	101	101	30	37	37	44	43	57	73	73
	3	42	6	22	37	78	30	37	96	96	41	52	51	69	66	106	95	95
	1	44	1	6	23	43	1	6	67	67							1	1
	2	44	10	20	47	88	12	19	98	98	14	17	23	27	31	38	54	54
	3	44	5	18	32	75	21	29	95	95	28	36	38	48	49	72	77	77
2070	1	40	1	3	18	36	1	3	59	59	2	2	4	4	5	5	9	9
(92)	2	40	30	36	31	65	19	20	102	102	44	44	56	60	65	77	98	98
	3	40	10	20	15	50	29	34	82	82	50	66	62	83	73	115	112	112
	1	42		2	5	22		2	37	37							1	1
	2	42	24	28	29	58	11	11	92	92	15	16	27	27	35	37	65	65
	3	42	7	15	15	39	21	22	74	74	32	35	39	47	61	84	93	93
	1	44			5	19			21	21								
	2	44	11	13	24	48	6	7	79	79	7	8	11	12	16	16	26	26
	3	44	4	9	13	33	11	13	69	69	20	21	31	31	40	50	66	66
2070	1	40	6	14	41	61	5	11	73	73	4	4	5	5	10	10	17	17
(93)	2	40	37	62	54	84	31	48	107	107	46	54	56	71	66	90	97	97
	3	40	14	30	34	59	41	51	94	94	54	77	63	82	77	122	115	115
	1	42	2	6	34	55	2	6	63	63					1	1	7	7
	2	42	22	38	51	76	20	28	98	98	25	27	33	36	43	55	74	74
	3	42	13	27	32	59	26	31	89	89	40	47	48	63	66	87	91	91
	1	44	1	4	23	45	1	4	55	55							1	1
	2	44	17	30	49	69	12	18	88	88	14	15	18	19	24	26	40	40
	3	44	10	21	29	57	18	24	80	80	24	30	37	44	48	66	74	74
2070	1	40	6	10	29	68	4	8	82	82		1	2	2	2	3	19	19
(94)	2	40	28	38	47	89	30	39	109	109	38	47	47	60	58	91	92	92
	3	40	7	26	33	74	32	43	102	102	51	76	59	99	73	132	112	112
	1	42	3	8	20	50	3	8	64	64							1	1
	2	42	16	24	42	86	23	30	102	102	23	27	29	35	38	44	68	68
	3	42	4	16	30	70	26	34	99	99	31	45	42	60	61	102	93	93
	1	44	2	6	16	40	2	6	51	51								
	2	44	12	17	37	78	7	14	97	97	9	13	16	20	24	28	38	38
	3	44	3	11	30	63	17	22	95	95	22	31	28	40	42	61	73	73
2070	1	40	2	6	18	40	2	6	65	65					1	1	12	12
(95)	2	40	5	19	29	63	21	32	96	96	26	38	34	48	48	71	73	73
	3	40	2	10	20	49	29	35	84	84	35	54	47	78	62	127	101	101
	1	42		5	17	31		5	47	47								
	2	42	4	14	28	57	15	22	91	91	14	19	20	24	29	42	46	46
	3	42	2	7	19	46	24	27	78	78	21	33	25	40	41	73	76	76
	1	44		3	13	28		3	33	33								
	2	44	3	10	25	50	4	11	81	81	4	6	7	10	15	19	33	33
	3	44	1	7	17	42	13	17	73	73	15	22	21	29	28	45	52	52

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(Predicted dangerous days for projected 2070 conditions)

Table - 9(4a)

City	Sydney	Dress	Fully Clothed				Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick									
		Gender	Female				Met. Rate	1492 K. joules / hr.									
Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.																	
Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	6	27	46	1	6	66	66							5	5
(96)	2	40	5	23	38	61	19	33	96	96	24	41	36	51	41	70	77	77
	3	40	1	11	23	51	25	32	84	84	32	58	41	76	56	125	105	105
	1	42		6	22	41		6	49	49								
	2	42	5	17	29	59	9	19	88	88	12	17	17	23	26	42	48	48
	3	42		7	21	45	12	21	78	78	22	35	28	49	39	76	79	79
	1	44		5	17	28		5	38	38								
	2	44	3	11	28	49	4	12	80	80	3	4	4	9	10	15	26	26
	3	44		5	16	43	5	9	72	72	9	16	18	28	28	50	51	51
2070	1	40	2	11	25	62	2	11	87	87					2	3	16	16
(97)	2	40	6	22	39	85	30	41	122	122	31	44	44	59	70	105	106	106
	3	40	3	18	26	68	43	50	109	109	48	81	62	101	86	145	126	126
	1	42	1	6	21	48	1	6	71	71							2	2
	2	42	6	19	32	76	22	31	111	111	17	26	22	31	36	50	76	76
	3	42	3	15	25	62	30	39	101	101	30	44	38	61	60	102	101	101
	1	44	1	6	19	32	1	6	54	54								
	2	44	4	15	29	70	9	18	98	98	7	11	13	17	21	29	47	47
	3	44	2	13	21	59	19	28	94	94	23	31	29	40	43	69	83	83
2070	1	40	2	18	42	69	2	18	97	97			2	2	6	6	25	25
(98)	2	40	8	41	57	93	43	57	122	122	51	67	61	76	71	101	113	113
	3	40	3	27	41	76	53	62	112	112	54	83	64	103	93	140	137	137
	1	42		7	39	63		7	79	79							2	2
	2	42	5	30	53	89	23	41	117	117	34	43	42	54	51	65	83	83
	3	42	3	24	36	69	37	48	110	110	44	66	51	73	63	103	112	112
	1	44		4	29	53		4	64	64								
	2	44	2	25	48	84	11	31	101	101	15	17	21	26	28	38	58	58
	3	44	3	22	36	65	22	36	106	106	25	42	38	54	52	75	86	86
2070	1	40		3	28	50		3	82	82							11	11
(99)	2	40	3	23	37	80	30	38	112	112	42	47	51	63	64	89	100	100
	3	40	1	15	28	57	43	47	105	105	52	74	69	100	90	140	129	129
	1	42		1	20	40		1	67	67								
	2	42	3	10	37	67	12	17	103	103	29	30	33	36	45	54	71	71
	3	42	1	13	24	52	25	30	102	102	39	48	47	64	63	98	106	106
	1	44		1	8	37		1	45	45								
	2	44	1	5	31	61	2	5	95	95	7	7	13	13	21	23	46	46
	3	44		7	22	49	15	19	93	93	24	29	35	42	45	63	83	83
2070	1	40	3	12	31	58	3	12	78	78			1	1	4	5	15	15
(00)	2	40	7	28	45	77	29	40	113	113	38	51	48	66	72	101	109	109
	3	40	3	25	33	64	39	51	97	97	47	73	66	101	88	139	132	132
	1	42		8	27	50		8	69	69							2	2
	2	42	7	26	40	74	19	34	103	103	19	25	26	35	39	53	81	81
	3	42	3	24	30	62	25	37	93	93	29	46	40	62	61	101	110	110
	1	44		7	25	40		7	52	52								
	2	44	5	18	36	66	10	21	93	93	8	13	10	16	17	23	42	42
	3	44	3	20	29	57	17	29	88	88	17	31	26	40	43	69	83	83
2070	1	40		8	26	56	1	8	85	85	3	3	6	6	11	11	22	22
(01)	2	40	3	21	41	77	38	44	125	125	46	53	57	68	70	93	98	98
	3	40	1	18	26	62	44	50	110	110	63	82	69	104	75	143	110	110
	1	42		3	20	48		3	62	62							3	3
	2	42	2	18	36	71	24	31	113	113	30	31	37	43	50	59	72	72
	3	42	1	16	24	55	34	38	105	105	46	55	59	71	68	111	94	94
	1	44		2	17	34		2	50	50								
	2	44	1	14	33	64	14	21	99	99	17	17	24	24	32	33	52	52
	3	44	1	14	23	51	27	32	97	97	33	35	42	47	48	60	74	74

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(5)

City	Sydney	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	5	9		2	11	12								
(90)	2	40	2	2	8	16	2	2	24	25								
	3	40		1	5	10		1	18	18								
	1	42		1	5	6		1	8	8								
	2	42	1	2	6	14	1	2	20	22								
	3	42		1	3	9		1	17	17								
	1	44			2	3			2	3								
	2	44	1	2	5	11	1	2	15	17								
	3	44		1	3	8		1	14	14								
2070	1	40		1	5	15		1	15	19								
(91)	2	40		1	13	22		1	32	35								
	3	40		1	6	15		1	28	28								
	1	42			2	9			9	13								
	2	42		1	10	21		1	27	30								
	3	42		1	4	14		1	24	26								
	1	44			1	6			2	6								
	2	44		1	7	16		1	19	21								
	3	44			4	13			20	22								
2070	1	40				2			5	5								
(92)	2	40			3	5			12	12								
	3	40				3			10	10								
	1	42				2			5	5								
	2	42			3	5			9	9								
	3	42				3			9	9								
	1	44							1	1								
	2	44			2	2			8	8								
	3	44				3			7	7								
2070	1	40			6	12			19	20								
(93)	2	40			12	23			28	29								
	3	40			6	11			19	19								
	1	42			4	8			13	14								
	2	42			11	20			25	25								
	3	42			5	11			17	17								
	1	44			2	5			4	7								
	2	44			8	18			22	23								
	3	44			5	10			16	16								
2070	1	40			8	10			12	12								
(94)	2	40		2	10	13		2	26	26								
	3	40		1	3	8		1	21	21								
	1	42			6	9			6	8								
	2	42		2	9	13		2	23	24								
	3	42		1	2	7		1	18	18								
	1	44			4	7			3	6								
	2	44			8	13			18	19								
	3	44		1	2	7		1	17	17								
2070	1	40			2	6			7	8								
(95)	2	40			5	13			16	18								
	3	40			3	6			13	13								
	1	42			2	4			2	4								
	2	42			4	12			15	17								
	3	42			3	5			10	11								
	1	44				3				3								
	2	44			4	9			11	13								
	3	44			3	5			6	7								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(5)

City	Sydney	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	6			8	9								
(96)	2	40			6	17			21	24								
	3	40			2	5			9	10								
	1	42				6			1	7								
	2	42			5	15			16	19								
	3	42			2	4			7	8								
	1	44				5				5								
	2	44			5	11			13	15								
	3	44			1	4			6	7								
2070	1	40			4	11			12	17								
(97)	2	40		1	7	19		1	24	24								
	3	40			5	11			20	20								
	1	42			2	6			7	8								
	2	42			6	19			22	22								
	3	42			4	11			16	16								
	1	44			1	6			1	6								
	2	44			6	14			19	20								
	3	44			3	10			15	15								
2070	1	40			2	18			24	29								
(98)	2	40			8	29			46	46								
	3	40			6	17			32	32								
	1	42			2	7			7	12								
	2	42			6	25			40	42								
	3	42			5	14			29	29								
	1	44				3				3								
	2	44			4	24			35	38								
	3	44			4	13			28	28								
2070	1	40				3			8	10								
(99)	2	40			1	8			25	25								
	3	40			2	4			18	18								
	1	42				1			1	1								
	2	42			1	5			21	22								
	3	42				4			15	16								
	1	44																
	2	44			1	4			17	18								
	3	44				4			13	14								
2070	1	40			5	12			16	17								
(00)	2	40			8	25			31	32								
	3	40			3	16			26	27								
	1	42			2	8			6	10								
	2	42			8	21			27	29								
	3	42			3	12			23	25								
	1	44				5				5								
	2	44			7	18			21	25								
	3	44			3	12			21	23								
2070	1	40				8			17	18								
(01)	2	40			3	18			28	28								
	3	40			4	11			22	22								
	1	42				3			8	9								
	2	42			3	15			23	23								
	3	42			2	9			20	20								
	1	44				1			1	1								
	2	44			3	14			20	21								
	3	44			1	9			18	19								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(5a)

City	Sydney	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	2	5	14	1	2	11	11								
(90)	2	40	2	2	9	21	2	2	24	24								
	3	40		2	6	13		2	18	18								
	1	42		2	5	10		2	8	7								
	2	42	2	2	7	18	2	2	20	20								
	3	42		2	5	11		2	17	17								
	1	44		2	3	5		2	3	1								
	2	44	1	2	6	15	1	2	15	15								
	3	44		2	5	11		2	14	14								
2070	1	40		1	6	19		1	15	14								
(91)	2	40	1	1	16	29	1	1	33	32								
	3	40		1	6	19		1	28	28								
	1	42		1	3	15		1	9	9								
	2	42		1	12	26		1	27	26								
	3	42		1	6	16		1	25	24								
	1	44			1	10			2	2								
	2	44		1	8	22		1	20	19								
	3	44		1	6	16		1	20	20								
2070	1	40				5			5	5								
(92)	2	40			3	9			12	12								
	3	40				7			10	10								
	1	42				2			5	5								
	2	42			3	5			9	9								
	3	42				7			9	9								
	1	44				2			1	1								
	2	44			2	5			8	8								
	3	44				5			7	7								
2070	1	40			6	20			19	18								
(93)	2	40		2	14	31		2	28	28								
	3	40			6	14			19	19								
	1	42			4	13			13	13								
	2	42		1	11	27		1	25	25								
	3	42			6	14			17	17								
	1	44			3	7			5	4								
	2	44		1	10	22		1	22	21								
	3	44			6	14			16	16								
2070	1	40		2	8	13		2	12	11								
(94)	2	40		3	10	18		3	26	26								
	3	40		1	5	14		1	21	21								
	1	42			6	12			6	4								
	2	42		2	10	18		2	23	23								
	3	42		1	3	11		1	18	18								
	1	44			4	9			3	1								
	2	44		2	9	15		2	18	18								
	3	44		1	2	10		1	17	17								
2070	1	40			3	12			7	7								
(95)	2	40			6	17			16	16								
	3	40			3	8			13	13								
	1	42			2	6			2									
	2	42			5	16			15	15								
	3	42			3	7			10	10								
	1	44			1	5			1									
	2	44			4	15			11	11								
	3	44			3	7			6	6								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(5a)

City	Sydney	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	15			9	6								
(96)	2	40			6	25			21	21								
	3	40			3	9			9	9								
	1	42			1	6			2	1								
	2	42			6	21			16	16								
	3	42			2	8			7	7								
	1	44				6												
	2	44			5	18			13	11								
	3	44			2	5			6	6								
2070	1	40			6	19			12	11								
(97)	2	40		2	10	22		2	24	24								
	3	40			6	16			20	20								
	1	42			4	12			8	5								
	2	42		1	8	21		1	22	22								
	3	42			5	14			16	16								
	1	44			2	7			2									
	2	44		1	6	20		1	19	19								
	3	44			4	14			15	15								
2070	1	40			4	25			25	24								
(98)	2	40			16	40			46	46								
	3	40		1	10	27		1	32	32								
	1	42			2	20			7	6								
	2	42			9	38			40	39								
	3	42			8	23			29	29								
	1	44			2	8			2									
	2	44			6	31			36	35								
	3	44			5	22			28	27								
2070	1	40				5			8	8								
(99)	2	40			3	20			25	25								
	3	40			3	13			18	18								
	1	42				3			1	1								
	2	42			1	17			21	21								
	3	42			3	12			16	15								
	1	44				1												
	2	44			1	11			17	17								
	3	44			2	8			13	13								
2070	1	40			7	21			16	16								
(00)	2	40			11	28			31	31								
	3	40			9	24			26	26								
	1	42			3	14			7	6								
	2	42			8	27			27	27								
	3	42			6	24			23	23								
	1	44			1	8			1									
	2	44			8	27			22	21								
	3	44			3	21			21	21								
2070	1	40			2	15			17	17								
(01)	2	40			4	22			28	28								
	3	40			5	15			22	22								
	1	42				10			8	8								
	2	42			4	20			23	22								
	3	42			4	15			20	20								
	1	44				3			1	1								
	2	44			3	19			20	19								
	3	44			2	14			18	18								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(6)

City	Sydney	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	2	16	22	2	2	34	35								
(90)	2	40	2	3	28	39	2	3	64	64							2	2
	3	40	2	3	11	24	2	3	52	52							2	2
	1	42	2	2	8	16	2	2	24	25								
	2	42	2	3	25	38	2	3	55	57							1	1
	3	42	2	2	10	23	2	2	49	50							1	1
	1	44	1	2	5	10	1	2	13	14								
	2	44	2	3	20	31	2	3	42	45								
	3	44	1	2	8	21	1	2	42	42								
2070	1	40	1	1	18	27	1	1	45	46								
(91)	2	40	1	5	25	38	1	5	75	75							2	2
	3	40	1	1	17	27	1	1	67	67					1	1	5	5
	1	42		1	12	22		1	32	35								
	2	42	1	2	22	36	1	2	70	70							1	1
	3	42	1	1	17	26	1	1	65	65							3	3
	1	44		1	7	16		1	18	21								
	2	44	1	1	19	34	1	1	63	63								
	3	44	1	1	15	22	1	1	60	61							1	1
2070	1	40			3	5			15	15								
(92)	2	40			5	13			34	34								
	3	40			3	11			28	28							2	2
	1	42			3	5			12	12								
	2	42			5	13			26	26								
	3	42			3	10			24	25								
	1	44			2	2			8	8								
	2	44			4	10			19	20								
	3	44			3	8			19	19								
2070	1	40		2	15	28		2	39	40								
(93)	2	40	1	3	28	44	1	3	62	62							3	3
	3	40		2	14	25		2	45	45							4	4
	1	42			12	22			28	29								
	2	42		2	25	41		2	57	57							1	1
	3	42		1	13	23		1	43	44							3	3
	1	44			8	16			22	23								
	2	44		2	20	34		2	51	51							1	1
	3	44		1	11	21		1	37	37							1	1
2070	1	40		3	13	19		3	38	38								
(94)	2	40	2	5	18	34	2	5	59	61							1	1
	3	40	1	2	10	22	1	2	58	58							1	1
	1	42		2	10	13		2	26	26								
	2	42	2	4	16	28	2	4	56	56							1	1
	3	42	1	2	9	21	1	2	54	54							1	1
	1	44		1	8	13		1	18	19								
	2	44	2	4	14	24	2	4	48	48								
	3	44	1	1	9	18	1	1	47	47							1	1
2070	1	40			6	17			22	22								
(95)	2	40		2	14	24		2	41	42								
	3	40			7	12			39	39								
	1	42			5	13			16	18								
	2	42		2	13	19		2	36	37								
	3	42			6	11			32	32								
	1	44			4	7			11	11								
	2	44		2	10	18		2	29	30								
	3	44			5	11			28	28								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(6)

City	Sydney	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	22			29	31								
(96)	2	40		2	17	27		2	45	45								
	3	40			5	16			27	28								
	1	42			6	17			21	24								
	2	42		1	15	26		1	38	38								
	3	42			5	13			24	26								
	1	44			5	8			12	13								
	2	44			13	26			34	35								
	3	44			4	12			23	24								
2070	1	40		1	12	21		1	34	34								
(97)	2	40	1	4	20	28	1	4	65	65								
	3	40		2	13	19		2	53	53							2	2
	1	42		1	7	19		1	24	24								
	2	42	1	3	19	25	1	3	60	61								
	3	42			11	19			50	50								
	1	44			6	13			17	19								
	2	44		2	16	22		2	49	49								
	3	44			10	19			43	43								
2070	1	40			19	39			54	54								
(98)	2	40		2	31	47		2	76	76								
	3	40		2	20	35		2	65	65							1	1
	1	42			7	28			45	46								
	2	42		2	26	45		2	70	70								
	3	42		2	15	30		2	61	61							1	1
	1	44			4	21			34	36								
	2	44		2	25	42		2	61	61								
	3	44		2	14	29		2	58	58								
2070	1	40			3	18			32	33								
(99)	2	40			10	31			61	63								
	3	40			6	20			49	50								
	1	42			1	8			24	25								
	2	42			8	28			51	52								
	3	42			4	17			41	41								
	1	44			1	4			15	16								
	2	44			4	23			41	41								
	3	44			4	15			38	38								
2070	1	40			14	27			40	40								
(00)	2	40		5	26	34		5	64	64							1	1
	3	40		3	18	27		3	56	56							3	3
	1	42			8	25			29	32								
	2	42		3	23	31		3	54	54								
	3	42		1	16	26		1	54	54								
	1	44			7	17			19	23								
	2	44		1	19	29		1	48	48								
	3	44		1	13	25		1	46	46								
2070	1	40			10	20			37	38								
(01)	2	40			18	31			56	56							1	1
	3	40		1	11	21		1	47	47							8	8
	1	42			3	17			28	28								
	2	42			16	27			55	55							1	1
	3	42			10	19			45	45							1	1
	1	44			2	13			19	21								
	2	44			14	24			46	46								
	3	44			10	19			42	43							1	1

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(6a)

City	Sydney	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	3	16	32	2	3	34	34								
(90)	2	40	2	4	30	45	2	4	64	64							2	2
	3	40	2	3	13	35	2	3	52	52							2	2
	1	42	2	3	9	22	2	3	24	24								
	2	42	2	3	26	40	2	3	55	55							1	1
	3	42	2	3	11	31	2	3	49	49							1	1
	1	44	1	2	5	15	1	2	13	13								
	2	44	2	3	22	36	2	3	42	42								
	3	44	2	3	11	30	2	3	42	42								
2070	1	40	1	2	19	36	1	2	45	45								
(91)	2	40	1	8	26	55	1	8	75	75							2	2
	3	40	1	2	18	43	1	2	67	67					1	1	5	5
	1	42	1	1	15	28	1	1	32	32								
	2	42	1	7	25	44	1	7	70	70							1	1
	3	42	1	2	18	36	1	2	65	65							3	3
	1	44		1	8	21		1	19	18								
	2	44	1	6	22	41	1	6	63	63								
	3	44	1	1	17	35	1	1	60	60							1	1
2070	1	40			3	13			15	15								
(92)	2	40		2	5	22		2	34	34								
	3	40			7	18			28	28							2	2
	1	42			3	8			12	12								
	2	42		2	5	20		2	26	26								
	3	42			5	15			24	24								
	1	44			2	5			8	8								
	2	44			5	15			19	19								
	3	44			3	15			19	19								
2070	1	40		2	18	37		2	39	39								
(93)	2	40	1	6	31	52	1	6	62	62							3	3
	3	40		3	16	32		3	45	45							4	4
	1	42		2	13	31		2	28	28								
	2	42	1	4	27	48	1	4	57	57							1	1
	3	42		3	14	30		3	43	43							3	3
	1	44		1	10	22		1	22	21								
	2	44		4	22	44		4	51	51							1	1
	3	44		3	12	27		3	37	37							1	1
2070	1	40	2	4	14	27	2	4	38	38								
(94)	2	40	3	7	20	45	3	7	59	59							1	1
	3	40	1	2	10	34	1	2	58	58						1	1	1
	1	42		3	10	18		3	26	26								
	2	42	2	6	17	42	2	6	56	56							1	1
	3	42	1	2	10	31	1	2	54	54							1	1
	1	44		2	9	15		2	18	18								
	2	44	2	6	14	38	2	6	48	48								
	3	44	1	2	9	29	1	2	47	47							1	1
2070	1	40		2	7	19		2	22	22								
(95)	2	40		4	16	29		4	41	41								
	3	40		3	7	22		3	39	39								
	1	42		1	6	17		1	16	16								
	2	42		4	15	29		4	36	36								
	3	42		2	7	20		2	32	32								
	1	44			4	14			11	11								
	2	44		3	13	26		3	29	29								
	3	44		2	7	18		2	28	28								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(6a)

City	Sydney	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	8	26		1	29	29								
(96)	2	40		5	21	38		5	45	45								
	3	40		1	5	26		1	27	27								
	1	42			6	24			21	21								
	2	42		5	17	33		5	38	38								
	3	42		1	5	22		1	24	24								
	1	44			5	17			12	9								
	2	44		3	15	27		3	34	34								
	3	44			5	20			23	23								
2070	1	40		3	13	25		3	34	34								
(97)	2	40	1	6	21	43	1	6	65	65								
	3	40		3	14	28		3	53	53							2	2
	1	42		2	10	21		2	24	24								
	2	42	1	6	20	36	1	6	60	60								
	3	42		3	13	26		3	50	50								
	1	44		1	6	20		1	17	17								
	2	44	1	5	19	31	1	5	49	49								
	3	44		3	12	24		3	43	43								
2070	1	40		2	23	45		2	54	54								
(98)	2	40		6	38	61		6	76	76								
	3	40		4	23	44		4	65	65							1	1
	1	42		2	15	40		2	45	45								
	2	42		4	31	54		4	70	70								
	3	42		3	22	39		3	61	61							1	1
	1	44			5	31			34	34								
	2	44		2	26	50		2	61	61								
	3	44		3	17	36		3	58	58								
2070	1	40			4	28			32	32								
(99)	2	40		1	16	37		1	61	61								
	3	40			9	31			49	49								
	1	42			2	20			24	24								
	2	42		1	10	37		1	51	51								
	3	42			5	26			41	41								
	1	44			1	10			15	15								
	2	44			8	34			41	41								
	3	44			4	23			38	38								
2070	1	40		3	18	31		3	40	40								
(00)	2	40		8	27	47		8	64	64							1	1
	3	40		3	23	35		3	56	56							3	3
	1	42		1	10	28		1	29	29								
	2	42		7	27	43		7	54	54								
	3	42		3	20	31		3	54	54								
	1	44			7	26			19	19								
	2	44		5	23	37		5	48	48								
	3	44		3	16	29		3	46	46								
2070	1	40			14	27			37	37								
(01)	2	40		3	19	40		3	56	56							1	1
	3	40		1	14	29		1	47	47							8	8
	1	42			4	21			28	28								
	2	42		3	18	36		3	55	55							1	1
	3	42		1	13	25		1	45	45							1	1
	1	44			3	18			20	19								
	2	44		1	16	33		1	46	46								
	3	44		1	11	23		1	42	42							1	1

APPENDIX - 9

(Predicted dangerous days for projected 2070 conditions)

Table - 9(7)

City	Sydney	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	5	8		2	11	12								
(90)	2	40	2	2	7	15	2	2	23	24								
	3	40		2	5	9		2	17	17								
	1	42		2	4	5		2	7	7								
	2	42	1	2	5	12	1	2	19	20								
	3	42		1	3	8		1	16	16								
	1	44		1	2	3		1	2	3								
	2	44	1	2	5	10	1	2	13	14								
	3	44		1	3	7		1	14	14								
2070	1	40		1	5	13		1	14	18								
(91)	2	40		1	12	21		1	29	32								
	3	40		1	6	15		1	28	28								
	1	42			2	8			7	10								
	2	42		1	10	18		1	27	28								
	3	42		1	4	14		1	24	26								
	1	44			1	6			1	6								
	2	44		1	7	16		1	18	21								
	3	44			4	12			17	19								
2070	1	40				2			5	5								
(92)	2	40			3	5			11	11								
	3	40				3			9	9								
	1	42				2			4	5								
	2	42			2	5			9	9								
	3	42				3			8	8								
	1	44																
	2	44			2	2			8	8								
	3	44				3			6	6								
2070	1	40			6	11			16	17								
(93)	2	40			12	21			28	28								
	3	40			6	11			18	18								
	1	42			4	8			9	10								
	2	42			11	19			24	25								
	3	42			5	10			16	16								
	1	44			2	5			3	6								
	2	44			8	16			22	23								
	3	44			5	10			16	16								
2070	1	40			7	10			12	12								
(94)	2	40		2	10	13		2	26	26								
	3	40		1	3	8		1	19	19								
	1	42			6	9			4	7								
	2	42		2	9	13		2	22	23								
	3	42		1	2	7		1	18	18								
	1	44			3	7			2	6								
	2	44			8	13			18	19								
	3	44		1	2	7		1	15	17								
2070	1	40			2	6			6	8								
(95)	2	40			5	13			16	18								
	3	40			3	6			13	13								
	1	42			1	4			1	4								
	2	42			4	12			12	16								
	3	42			3	5			9	10								
	1	44				3				3								
	2	44			4	7			11	11								
	3	44			2	5			6	7								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(7)

City	Sydney	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			2	6			7	8								
(96)	2	40			6	17			19	23								
	3	40			2	5			9	10								
	1	42				5				5								
	2	42			5	14			14	18								
	3	42			1	4			7	8								
	1	44				3				3								
	2	44			5	8			12	13								
	3	44			1	4			6	7								
2070	1	40			4	10			11	15								
(97)	2	40		1	7	19		1	23	23								
	3	40			4	11			19	19								
	1	42			2	6			6	7								
	2	42			6	18			21	21								
	3	42			3	10			16	16								
	1	44			1	5			1	5								
	2	44			6	13			17	19								
	3	44			3	10			15	15								
2070	1	40			2	16			19	25								
(98)	2	40			7	28			44	45								
	3	40			5	15			32	32								
	1	42			2	6			6	10								
	2	42			5	25			38	41								
	3	42			5	14			29	29								
	1	44				2				2								
	2	44			4	21			34	36								
	3	44			3	13			28	28								
2070	1	40				3			8	10								
(99)	2	40			1	8			23	24								
	3	40			2	4			17	17								
	1	42				1			1	1								
	2	42			1	4			21	22								
	3	42				4			14	15								
	1	44																
	2	44			1	4			15	16								
	3	44				4			12	13								
2070	1	40			5	11			16	17								
(00)	2	40			8	24			29	32								
	3	40			3	16			25	27								
	1	42			1	8			6	10								
	2	42			7	19			25	27								
	3	42			3	12			23	25								
	1	44				5				5								
	2	44			7	17			19	23								
	3	44			3	12			20	22								
2070	1	40				4			15	16								
(01)	2	40			3	16			27	27								
	3	40			2	10			22	22								
	1	42				3			7	8								
	2	42			3	15			23	23								
	3	42			1	9			19	19								
	1	44				1			1	1								
	2	44			2	13			19	21								
	3	44			1	7			17	18								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(7a)

City	Sydney	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	2	5	12	1	2	11	11								
(90)	2	40	2	3	8	20	2	3	23	23								
	3	40		2	6	12		2	17	17								
	1	42		2	4	9		2	7	6								
	2	42	2	2	6	18	2	2	19	19								
	3	42		2	5	11		2	16	16								
	1	44		2	3	4		2	3	1								
	2	44	1	2	5	15	1	2	13	13								
	3	44		2	3	10		2	14	14								
2070	1	40		1	6	16		1	14	13								
(91)	2	40	1	1	15	28	1	1	29	28								
	3	40		1	6	19		1	28	28								
	1	42		1	2	15		1	7	7								
	2	42		1	11	25		1	27	26								
	3	42		1	6	16		1	24	24								
	1	44			1	9			1	1								
	2	44		1	8	21		1	19	18								
	3	44		1	4	16		1	17	17								
2070	1	40				5			5	5								
(92)	2	40			3	8			11	11								
	3	40				7			9	9								
	1	42				2			4	4								
	2	42			2	5			9	9								
	3	42				7			8	8								
	1	44				2												
	2	44			2	5			8	8								
	3	44				5			6	6								
2070	1	40			6	19			16	15								
(93)	2	40		2	13	31		2	28	28								
	3	40			6	14			18	18								
	1	42			4	12			9	9								
	2	42		1	11	24		1	24	23								
	3	42			6	14			16	16								
	1	44			3	7			4	3								
	2	44		1	10	22		1	22	21								
	3	44			5	13			16	16								
2070	1	40		2	8	13		2	12	11								
(94)	2	40		3	10	18		3	26	26								
	3	40		1	4	13		1	19	19								
	1	42			6	11			4	2								
	2	42		3	10	17		3	22	22								
	3	42		1	2	11		1	18	18								
	1	44			4	9			3	1								
	2	44		2	9	15		2	18	18								
	3	44		1	2	10		1	15	15								
2070	1	40			3	12			6	6								
(95)	2	40		1	6	17		1	16	16								
	3	40			3	8			13	13								
	1	42			2	6			2									
	2	42			5	16			12	12								
	3	42			3	7			9	9								
	1	44				5												
	2	44			4	14			11	11								
	3	44			3	7			6	6								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(7a)

City	Sydney	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			4	14			7	5								
(96)	2	40			6	24			19	19								
	3	40			2	9			9	9								
	1	42			1	6			1									
	2	42			6	21			14	14								
	3	42			2	8			7	7								
	1	44				6												
	2	44			5	17			12	9								
	3	44			2	5			6	6								
2070	1	40			5	18			11	10								
(97)	2	40		2	10	21		2	23	23								
	3	40			5	15			19	19								
	1	42			3	12			6	4								
	2	42		1	7	21		1	21	21								
	3	42			5	14			16	16								
	1	44			2	7			2									
	2	44		1	6	20		1	17	17								
	3	44			4	14			15	15								
2070	1	40			2	25			19	18								
(98)	2	40			15	40			44	44								
	3	40		1	9	26		1	32	32								
	1	42			2	19			6	5								
	2	42			7	35			39	38								
	3	42			6	23			29	29								
	1	44				7												
	2	44			5	31			34	34								
	3	44			4	22			28	27								
2070	1	40				4			8	8								
(99)	2	40			2	20			23	23								
	3	40			3	13			17	17								
	1	42				3			1	1								
	2	42			1	15			21	21								
	3	42			2	10			14	14								
	1	44				1												
	2	44			1	10			15	15								
	3	44				7			12	12								
2070	1	40			5	19			16	15								
(00)	2	40			10	27			29	29								
	3	40			8	24			25	25								
	1	42			3	12			7	6								
	2	42			8	27			25	25								
	3	42			4	24			23	23								
	1	44				8												
	2	44			7	26			19	19								
	3	44			3	20			20	20								
2070	1	40			1	15			15	15								
(01)	2	40			4	21			27	27								
	3	40			5	15			22	22								
	1	42				9			7	7								
	2	42			3	19			23	22								
	3	42			4	15			19	19								
	1	44				3			1	1								
	2	44			3	18			20	19								
	3	44			2	13			17	17								

APPENDIX - 9

(Predicted dangerous days for projected 2070 conditions)

Table - 9(8)

City	Sydney	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	2	5	11	1	2	16	18								
(90)	2	40	2	2	16	22	2	2	34	35								
	3	40	1	2	6	12	1	2	26	26								
	1	42		2	5	8		2	11	12								
	2	42	2	2	12	20	2	2	28	29								
	3	42		2	6	12		2	23	23								
	1	44		2	4	5		2	7	7								
	2	44	2	2	7	15	2	2	24	25								
	3	44		2	5	11		2	19	19								
2070	1	40		1	8	16		1	22	23								
(91)	2	40	1	1	18	27	1	1	44	45								
	3	40		1	9	16		1	36	36								
	1	42		1	5	13		1	14	18								
	2	42	1	1	16	26	1	1	39	41								
	3	42		1	6	16		1	30	30								
	1	44			2	8			7	10								
	2	44		1	12	22		1	32	35								
	3	44		1	6	15		1	30	30								
2070	1	40			2	4			8	8								
(92)	2	40			3	5			15	15								
	3	40			1	7			14	14								
	1	42				2			5	5								
	2	42			3	5			12	12								
	3	42			1	5			12	12								
	1	44				2			4	5								
	2	44			3	5			11	11								
	3	44			1	4			11	11								
2070	1	40			10	18			23	24								
(93)	2	40		2	15	28		2	39	40								
	3	40			6	14			23	24								
	1	42			6	11			16	17								
	2	42		1	13	24		1	33	35								
	3	42			6	14			22	22								
	1	44			4	8			9	10								
	2	44			12	22			28	29								
	3	44			6	12			19	19								
2070	1	40		2	8	13		2	18	19								
(94)	2	40		3	12	19		3	38	38								
	3	40	1	1	6	11	1	1	33	33								
	1	42			7	10			12	12								
	2	42		2	10	16		2	30	31								
	3	42		1	5	10		1	29	29								
	1	44			6	9			4	7								
	2	44		2	10	13		2	26	26								
	3	44		1	4	10		1	22	22								
2070	1	40			4	10			11	13								
(95)	2	40			6	16			22	22								
	3	40			3	7			17	17								
	1	42			2	6			7	8								
	2	42			6	15			21	21								
	3	42			3	7			14	14								
	1	44			1	4			1	4								
	2	44			5	13			16	18								
	3	44			3	7			13	13								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(8)

City	Sydney	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	11			13	15								
(96)	2	40			6	22			29	31								
	3	40			3	8			16	17								
	1	42			2	6			8	9								
	2	42			6	20			24	29								
	3	42			3	5			13	13								
	1	44				5				5								
	2	44			6	17			20	23								
	3	44			2	5			11	11								
2070	1	40			6	15			20	21								
(97)	2	40		1	12	21		1	34	34								
	3	40			7	14			24	24								
	1	42			4	10			11	15								
	2	42		1	10	20		1	29	29								
	3	42			6	14			21	21								
	1	44			2	6			6	7								
	2	44		1	7	19		1	23	23								
	3	44			5	13			20	20								
2070	1	40			5	25			35	39								
(98)	2	40			19	38			54	54								
	3	40		1	12	23		1	46	46								
	1	42			2	16			20	26								
	2	42			15	32			52	52								
	3	42			10	22			40	40								
	1	44			2	6			6	10								
	2	44			7	28			45	46								
	3	44			8	22			36	37								
2070	1	40			1	4			17	18								
(99)	2	40			3	17			32	33								
	3	40			3	11			25	25								
	1	42				3			8	10								
	2	42			2	12			27	28								
	3	42			3	8			21	21								
	1	44				1			1	1								
	2	44			1	8			24	25								
	3	44			3	5			18	18								
2070	1	40			7	18			23	26								
(00)	2	40			13	27			40	40								
	3	40			10	24			33	33								
	1	42			5	11			16	17								
	2	42			11	27			35	36								
	3	42			9	20			32	32								
	1	44			1	8			6	10								
	2	44			8	25			29	32								
	3	44			6	20			27	27								
2070	1	40			3	14			21	21								
(01)	2	40			9	20			37	38								
	3	40			6	15			28	28								
	1	42				4			15	16								
	2	42			4	19			31	32								
	3	42			5	14			24	24								
	1	44				3			7	8								
	2	44			3	17			28	28								
	3	44			4	11			23	23								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(8a)

City	Sydney	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	2	6	16	2	2	16	16								
(90)	2	40	2	3	17	32	2	3	34	34								
	3	40	1	2	7	22	1	2	26	26								
	1	42	1	2	5	13	1	2	11	11								
	2	42	2	3	15	29	2	3	28	28								
	3	42	1	2	6	19	1	2	23	23								
	1	44		2	4	9		2	7	6								
	2	44	2	3	8	21	2	3	24	24								
	3	44		2	6	16		2	19	19								
2070	1	40		1	8	23		1	22	21								
(91)	2	40	1	1	19	36	1	1	44	44								
	3	40		1	10	25		1	36	36								
	1	42		1	6	17		1	14	13								
	2	42	1	1	18	34	1	1	39	39								
	3	42		1	10	21		1	30	30								
	1	44		1	2	15		1	7	7								
	2	44	1	1	15	28	1	1	32	32								
	3	44		1	7	20		1	30	30								
2070	1	40			2	5			8	8								
(92)	2	40			3	13			15	15								
	3	40			3	10			14	14								
	1	42				5			5	5								
	2	42			3	10			12	12								
	3	42			3	8			12	12								
	1	44				2			4	4								
	2	44			3	8			11	11								
	3	44			1	7			11	11								
2070	1	40		1	11	23		1	23	22								
(93)	2	40		2	18	37		2	39	39								
	3	40		1	10	19		1	23	23								
	1	42			6	20			16	15								
	2	42		2	15	33		2	33	33								
	3	42		1	9	18		1	22	22								
	1	44			4	12			9	9								
	2	44		2	13	31		2	28	28								
	3	44		1	6	15		1	19	19								
2070	1	40		2	9	16		2	18	18								
(94)	2	40	1	4	14	27	1	4	38	38								
	3	40	1	2	7	20	1	2	33	33								
	1	42		2	8	13		2	12	11								
	2	42		4	12	23		4	30	30								
	3	42	1	1	7	18	1	1	29	29								
	1	44			6	11			4	2								
	2	44		3	10	18		3	26	26								
	3	44		1	6	16		1	22	22								
2070	1	40			4	15			11	11								
(95)	2	40		2	7	19		2	22	22								
	3	40			5	11			17	17								
	1	42			3	12			7	7								
	2	42		2	6	18		2	21	21								
	3	42			4	10			14	14								
	1	44			2	6			2									
	2	44		1	6	17		1	16	16								
	3	44			3	8			13	13								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(8a)

City	Sydney	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	20			13	11								
(96)	2	40		1	8	26		1	29	29								
	3	40			3	13			16	16								
	1	42			5	14			9	6								
	2	42			6	26			24	24								
	3	42			3	10			13	13								
	1	44			1	6			1									
	2	44			6	24			20	20								
	3	44			3	9			11	11								
2070	1	40		1	6	20		1	20	20								
(97)	2	40		3	13	25		3	34	34								
	3	40			9	19			24	24								
	1	42			6	18			11	10								
	2	42		2	12	22		2	29	29								
	3	42			8	19			21	21								
	1	44			3	12			6	4								
	2	44		2	10	21		2	23	23								
	3	44			7	17			20	20								
2070	1	40			7	32			36	35								
(98)	2	40		2	24	45		2	54	54								
	3	40		2	13	30		2	46	46								
	1	42			2	25			20	19								
	2	42		2	19	42		2	52	52								
	3	42		2	12	29		2	40	40								
	1	44			2	19			6	5								
	2	44		1	15	40		1	45	45								
	3	44		2	10	27		2	36	36								
2070	1	40			1	12			17	17								
(99)	2	40			4	28			32	32								
	3	40			4	16			25	25								
	1	42				4			8	8								
	2	42			3	23			27	27								
	3	42			3	15			21	21								
	1	44				3			1	1								
	2	44			2	20			24	24								
	3	44			3	13			18	18								
2070	1	40			8	27			24	23								
(00)	2	40		3	18	31		3	40	40								
	3	40		1	10	26		1	33	33								
	1	42			5	21			16	15								
	2	42		1	14	29		1	35	35								
	3	42			10	25			32	32								
	1	44			3	12			7	6								
	2	44			10	28			29	29								
	3	44			10	24			27	27								
2070	1	40			3	19			21	20								
(01)	2	40			14	27			37	37								
	3	40			7	19			28	28								
	1	42			1	15			15	15								
	2	42			10	24			31	31								
	3	42			7	18			24	24								
	1	44				9			7	7								
	2	44			4	21			28	28								
	3	44			5	17			23	23								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(9)

City	Sydney	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	2	5	11	1	2	18	19								
(90)	2	40	2	2	17	23	2	2	35	36								
	3	40	1	2	6	13	1	2	27	27								
	1	42		2	5	9		2	11	12								
	2	42	2	2	13	21	2	2	28	29								
	3	42		2	6	12		2	24	24								
	1	44		2	5	6		2	8	8								
	2	44	2	2	10	18	2	2	25	26								
	3	44		2	6	11		2	21	21								
2070	1	40		1	9	17		1	23	24								
(91)	2	40	1	1	18	28	1	1	49	49								
	3	40		1	10	17		1	36	36								
	1	42		1	5	15		1	15	19								
	2	42	1	1	17	26	1	1	39	41								
	3	42		1	7	16		1	32	32								
	1	44			2	9			9	13								
	2	44	1	1	13	22	1	1	32	35								
	3	44		1	6	16		1	30	30								
2070	1	40			2	4			8	8								
(92)	2	40			3	5			15	15								
	3	40			2	7			15	15								
	1	42				2			5	5								
	2	42			3	5			12	12								
	3	42			1	6			13	13								
	1	44				2			4	5								
	2	44			3	5			12	12								
	3	44			1	4			11	11								
2070	1	40			11	19			24	25								
(93)	2	40		2	16	29		2	41	42								
	3	40			9	14			23	24								
	1	42			6	12			19	20								
	2	42		1	14	25		1	35	37								
	3	42			6	14			22	22								
	1	44			4	8			12	13								
	2	44		1	12	23		1	28	29								
	3	44			6	12			20	20								
2070	1	40		2	9	13		2	18	19								
(94)	2	40		3	13	19		3	40	40								
	3	40	1	1	7	12	1	1	33	33								
	1	42			8	10			13	13								
	2	42		2	10	16		2	32	33								
	3	42		1	6	10		1	30	30								
	1	44			6	9			6	8								
	2	44		2	10	13		2	28	28								
	3	44		1	4	10		1	24	24								
2070	1	40			4	11			12	15								
(95)	2	40			6	17			22	22								
	3	40			4	7			18	18								
	1	42			2	6			7	8								
	2	42			6	16			21	22								
	3	42			3	7			16	16								
	1	44			2	4			2	4								
	2	44			5	13			18	20								
	3	44			3	7			13	13								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(9)

City	Sydney	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	13			14	17								
(96)	2	40			6	22			31	32								
	3	40			3	8			17	17								
	1	42			3	6			8	9								
	2	42			6	20			26	31								
	3	42			3	5			16	16								
	1	44				5				5								
	2	44			6	17			21	24								
	3	44			2	5			12	12								
2070	1	40			6	16			20	21								
(97)	2	40		1	12	21		1	35	35								
	3	40			8	14			25	25								
	1	42			4	11			12	17								
	2	42		1	10	20		1	30	30								
	3	42			7	14			22	22								
	1	44			2	6			6	7								
	2	44		1	7	19		1	25	25								
	3	44			5	13			20	20								
2070	1	40			5	25			35	39								
(98)	2	40			19	39			57	57								
	3	40		1	12	24		1	46	46								
	1	42			2	18			24	29								
	2	42			16	33			52	52								
	3	42			10	23			42	42								
	1	44			2	7			6	11								
	2	44			8	29			46	46								
	3	44			9	22			38	39								
2070	1	40			1	4			18	19								
(99)	2	40			3	20			32	33								
	3	40			3	13			27	27								
	1	42				3			8	10								
	2	42			2	14			27	28								
	3	42			3	9			21	21								
	1	44				1			1	1								
	2	44			1	8			25	25								
	3	44			3	5			18	18								
2070	1	40			7	18			25	27								
(00)	2	40			14	27			41	41								
	3	40			10	24			35	35								
	1	42			5	11			16	17								
	2	42			12	27			36	36								
	3	42			10	22			33	33								
	1	44			1	8			6	10								
	2	44			8	25			32	33								
	3	44			8	20			29	29								
2070	1	40			3	14			23	23								
(01)	2	40			10	20			38	39								
	3	40			7	15			29	29								
	1	42				8			17	18								
	2	42			4	19			31	32								
	3	42			5	14			24	24								
	1	44				3			7	8								
	2	44			3	18			28	28								
	3	44			5	12			24	24								

APPENDIX - 9

(Predicted dangerous days for projected 2070 conditions)

Table - 9(9a)

City	Sydney	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	2	6	17	2	2	18	18								
(90)	2	40	2	3	18	33	2	3	35	35								
	3	40	1	2	7	24	1	2	27	27								
	1	42	1	2	5	14	1	2	11	11								
	2	42	2	3	15	29	2	3	28	28								
	3	42	1	2	7	21	1	2	24	24								
	1	44		2	5	10		2	8	7								
	2	44	2	3	11	22	2	3	25	25								
	3	44	1	2	6	16	1	2	21	21								
2070	1	40		1	10	24		1	23	22								
(91)	2	40	1	3	19	36	1	3	49	49								
	3	40		1	11	26		1	36	36								
	1	42		1	6	19		1	15	14								
	2	42	1	1	18	34	1	1	39	39								
	3	42		1	10	21		1	32	32								
	1	44		1	3	15		1	9	9								
	2	44	1	1	16	30	1	1	33	32								
	3	44		1	8	21		1	30	30								
2070	1	40			2	5			8	8								
(92)	2	40			3	13			15	15								
	3	40			3	11			15	15								
	1	42				5			5	5								
	2	42			3	10			12	12								
	3	42			3	8			13	13								
	1	44				2			4	4								
	2	44			3	9			12	12								
	3	44			1	7			11	11								
2070	1	40		1	11	24		1	24	23								
(93)	2	40		2	19	37		2	41	41								
	3	40		1	10	21		1	23	23								
	1	42			6	20			19	18								
	2	42		2	16	35		2	35	35								
	3	42		1	10	19		1	22	22								
	1	44			4	13			12	12								
	2	44		2	14	31		2	28	28								
	3	44		1	6	15		1	20	20								
2070	1	40		2	9	16		2	18	18								
(94)	2	40	2	4	14	29	2	4	40	40								
	3	40	1	2	7	21	1	2	33	33								
	1	42		2	8	13		2	13	12								
	2	42		4	12	24		4	32	32								
	3	42	1	1	7	18	1	1	30	30								
	1	44			6	12			6	4								
	2	44		3	10	18		3	28	28								
	3	44	1	1	6	16	1	1	24	24								
2070	1	40			4	16			12	12								
(95)	2	40		2	9	21		2	22	22								
	3	40			5	11			18	18								
	1	42			3	12			7	7								
	2	42		2	6	18		2	21	21								
	3	42			5	11			16	16								
	1	44			2	6			2									
	2	44		1	6	17		1	18	18								
	3	44			3	9			13	13								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(9a)

City	Sydney	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	20			14	13								
(96)	2	40		1	11	26		1	31	31								
	3	40			3	14			17	17								
	1	42			5	15			9	6								
	2	42			6	26			26	26								
	3	42			3	12			16	16								
	1	44			1	6			1									
	2	44			6	25			21	21								
	3	44			3	9			12	12								
2070	1	40		1	6	20		1	20	20								
(97)	2	40		4	15	27		4	35	35								
	3	40			9	19			25	25								
	1	42			6	19			12	11								
	2	42		2	12	23		2	30	30								
	3	42			9	19			22	22								
	1	44			3	12			6	4								
	2	44		2	10	22		2	25	25								
	3	44			7	17			20	20								
2070	1	40			7	33			36	35								
(98)	2	40		2	25	46		2	57	57								
	3	40		2	13	30		2	46	46								
	1	42			4	25			25	24								
	2	42		2	20	42		2	52	52								
	3	42		2	13	29		2	42	42								
	1	44			2	19			6	5								
	2	44		2	16	40		2	46	46								
	3	44		2	12	28		2	38	38								
2070	1	40			1	14			18	18								
(99)	2	40			4	29			32	32								
	3	40			4	17			27	27								
	1	42				5			8	8								
	2	42			3	24			27	27								
	3	42			3	15			21	21								
	1	44				3			1	1								
	2	44			2	20			25	25								
	3	44			3	13			18	18								
2070	1	40			8	27			25	25								
(00)	2	40		3	19	32		3	41	41								
	3	40		1	11	26		1	35	35								
	1	42			7	21			16	16								
	2	42		3	15	29		3	36	36								
	3	42		1	10	25		1	33	33								
	1	44			3	13			7	6								
	2	44		1	11	29		1	32	32								
	3	44			10	25			29	29								
2070	1	40			3	19			23	22								
(01)	2	40			14	29			38	38								
	3	40			7	19			29	29								
	1	42			2	15			17	17								
	2	42			10	24			31	31								
	3	42			7	19			24	24								
	1	44				10			7	7								
	2	44			4	22			28	28								
	3	44			5	18			24	24								

APPENDIX - 9

(Predicted dangerous days for projected 2070 conditions)

Table - 9(10)

City	Sydney	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	3	25	38	2	3	56	58							1	1
(90)	2	40	9	10	35	47	3	4	93	94					3	3	17	17
	3	40	3	4	19	36	2	3	82	82	1	1	3	3	10	10	29	29
	1	42	2	3	18	24	2	3	36	37								
	2	42	5	5	33	43	3	3	78	80					1	1	9	9
	3	42	3	4	15	32	2	3	67	68					3	3	16	16
	1	44	2	2	11	19	2	2	26	27								
	2	44	2	3	30	40	2	3	69	69							2	2
	3	44	3	4	15	31	2	3	64	65					1	1	9	9
2070	1	40	1	2	22	36	1	2	70	70							1	1
(91)	2	40	3	9	38	59	2	8	92	92	5	5	6	6	8	8	20	20
	3	40	2	4	21	43	5	6	86	86	8	8	10	10	12	12	30	30
	1	42	1	1	19	30	1	1	55	55								
	2	42	2	8	30	45	1	7	86	86			1	1	2	2	11	11
	3	42	1	3	21	38	3	3	78	78	2	2	4	4	9	9	19	19
	1	44	1	1	15	25	1	1	35	37								
	2	44	1	6	26	41	1	6	78	78							3	3
	3	44	1	2	18	36	1	1	74	74			2	2	5	5	13	13
2070	1	40			5	13			26	26								
(92)	2	40	1	3	15	27	1	3	62	62	3	3	4	4	6	6	9	9
	3	40			8	18	2	2	56	56	4	4	5	5	7	7	18	18
	1	42			3	8			15	15								
	2	42	1	3	10	22		2	48	48			2	2	2	2	6	6
	3	42			7	15	1	1	48	48	2	2	3	3	5	5	10	10
	1	44			3	5			12	12								
	2	44			5	15			39	39							3	3
	3	44			7	15			43	43			2	2	4	4	5	5
2070	1	40		2	25	41		2	57	57							1	1
(93)	2	40	6	10	40	53	5	8	73	73	4	4	5	5	11	11	17	17
	3	40	4	6	18	33	5	6	66	66	5	5	8	8	10	10	25	25
	1	42		2	17	32		2	44	45								
	2	42	5	7	38	51	2	4	66	66	1	1	3	3	4	4	11	11
	3	42	3	5	17	31	4	5	58	58	3	3	4	4	6	6	14	14
	1	44		1	12	23		1	29	30								
	2	44	1	4	30	47	1	4	63	63					1	1	8	8
	3	44	1	4	16	28	2	4	54	54	1	1	2	2	4	4	10	10
2070	1	40	2	4	16	30	2	4	56	56							1	1
(94)	2	40	6	9	28	47	4	7	83	84	1	1	2	2	3	3	21	21
	3	40	1	2	17	34	1	3	74	74	3	3	3	3	6	6	27	27
	1	42		3	14	19		3	45	45								
	2	42	4	7	22	44	3	6	76	77					1	1	7	7
	3	42	1	2	14	32	1	2	71	71	1	1	1	1	5	5	15	15
	1	44		2	10	15		2	30	30								
	2	44	2	6	20	40	2	6	64	66							1	1
	3	44	1	2	11	29	1	2	64	64					1	1	5	5
2070	1	40		2	13	21		2	36	38								
(95)	2	40	1	4	17	29	1	4	66	66					1	1	12	12
	3	40		3	8	22		3	56	56			1	1	5	5	21	21
	1	42		1	7	17		1	25	25								
	2	42		4	17	29		4	56	58							2	2
	3	42		2	8	20		2	52	53					1	1	12	12
	1	44			5	15			20	20								
	2	44		3	16	27		3	47	49								
	3	44		2	7	19		2	46	46							1	1

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(10)

City	Sydney	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	17	26		1	40	40								
(96)	2	40		5	27	39		5	70	71							6	6
	3	40		1	9	26		1	59	60			1	1	3	3	13	13
	1	42			8	25			32	34								
	2	42		5	24	34		5	60	61								
	3	42		1	9	22		1	50	50							4	4
	1	44			6	17			22	25								
	2	44		3	20	27		3	51	51								
	3	44			8	20			45	45							4	4
2070	1	40	1	3	19	27	1	3	61	62								
(97)	2	40	2	6	22	43	2	6	88	88					4	4	16	16
	3	40		3	17	28	2	3	79	79	1	1	4	4	11	11	27	27
	1	42		2	13	22		2	40	40								
	2	42	2	6	21	36	2	6	78	80							5	5
	3	42		3	15	26		3	69	70			1	1	4	4	14	14
	1	44		1	9	20		1	28	28								
	2	44	1	5	20	32	1	5	72	72							2	2
	3	44		3	14	24		3	63	63					1	1	7	7
2070	1	40		2	28	46		2	71	71								
(98)	2	40	2	6	41	61	3	7	97	97	1	1	2	2	7	7	26	26
	3	40	2	4	28	44	4	6	83	83	4	4	8	8	12	12	34	34
	1	42		2	20	40		2	59	59								
	2	42		4	39	54		4	90	90					1	1	10	10
	3	42	2	3	26	40	3	4	81	81	2	2	3	3	6	6	18	18
	1	44			12	31			48	48								
	2	44		2	34	50		2	80	81							2	2
	3	44	1	3	23	36	1	3	77	77			1	1	2	2	13	13
2070	1	40			8	29			52	53								
(99)	2	40		1	22	38		1	83	83							12	12
	3	40			13	31			78	78	1	1	2	2	5	5	26	26
	1	42			3	20			34	34								
	2	42		1	20	37		1	77	77							3	3
	3	42			13	27			70	70					1	1	13	13
	1	44			1	10			27	28								
	2	44			14	35			69	69								
	3	44			12	24			62	62							3	3
2070	1	40		3	25	32		3	55	55								
(00)	2	40	1	8	29	47	1	8	79	79			1	1	4	4	17	17
	3	40		3	24	35	2	5	73	73	1	1	3	3	10	10	24	24
	1	42		1	18	28		1	44	44								
	2	42		7	27	44		7	74	74							8	8
	3	42		3	24	31	1	4	69	69	1	1	1	1	2	2	18	18
	1	44			9	26			34	35								
	2	44		5	27	38		5	71	71							2	2
	3	44		3	24	30		3	67	67					1	1	9	9
2070	1	40			16	29			55	55							1	1
(01)	2	40		3	24	41	1	3	87	87	5	5	8	8	13	13	23	23
	3	40		1	18	29	10	10	73	73	11	11	12	12	16	16	35	35
	1	42			12	21			40	40								
	2	42		3	21	36	1	3	75	76	1	1	3	3	4	4	12	12
	3	42		1	15	25	2	2	66	66	6	6	8	8	11	11	23	23
	1	44			4	18			31	31								
	2	44		1	19	33		1	64	64					1	1	4	4
	3	44		1	15	23	1	1	59	59			5	5	8	8	14	14

APPENDIX - 9

(Predicted dangerous days for projected 2070 conditions)

Table - 9(10a)

City	Sydney	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	3	26	40	2	3	56	56							1	1
(90)	2	40	9	14	41	66	3	9	93	93		2		2	3	5	17	17
	3	40	3	7	23	50	2	5	82	82	1	3	3	6	10	11	29	29
	1	42	2	3	18	33	2	3	36	36								
	2	42	5	7	36	57	3	5	78	78		1		1	1	2	9	9
	3	42	3	7	20	47	2	5	67	67		1		2	3	5	16	16
	1	44	2	3	13	25	2	3	26	26								
	2	44	3	4	30	49	3	4	69	69						1	2	2
	3	44	3	6	18	43	2	4	64	64				1	1	3	9	9
2070	1	40	1	7	25	44	1	7	70	70							1	1
(91)	2	40	3	16	39	79	2	15	92	92	5	5	6	6	8	8	20	20
	3	40	3	9	23	64	5	10	86	86	8	9	10	11	12	13	30	30
	1	42	1	5	19	38	1	5	55	55								
	2	42	2	13	35	71	1	12	86	86			1	2	2	2	11	11
	3	42	2	6	22	61	3	6	78	78	2	2	4	4	9	10	19	19
	1	44	1	1	18	34	1	1	36	35								
	2	44	1	9	29	63	1	9	78	78							3	3
	3	44	1	6	21	54	1	5	74	74			2	2	5	5	13	13
2070	1	40		2	5	20		2	26	26								
(92)	2	40	1	3	19	36	1	3	62	62	3	3	4	4	6	6	9	9
	3	40			10	22	2	2	56	56	4	4	5	5	7	7	18	18
	1	42			5	13			15	15								
	2	42	1	3	11	27		2	48	48			2	2	2	2	6	6
	3	42			8	18	1	1	48	48	2	2	3	3	5	5	10	10
	1	44			3	9			12	12								
	2	44		2	8	22		2	39	39							3	3
	3	44			7	18			43	43			2	2	4	4	5	5
2070	1	40	1	4	27	49	1	4	57	57							1	1
(93)	2	40	6	14	42	63	5	11	73	73	4	4	5	5	11	11	17	17
	3	40	4	9	23	47	5	7	66	66	5	5	8	9	10	12	25	25
	1	42		3	21	40		3	44	44								
	2	42	5	11	40	57	2	8	66	66	1	1	3	3	4	4	11	11
	3	42	3	7	20	44	4	6	58	58	3	3	4	4	6	7	14	14
	1	44		2	15	33		2	29	29								
	2	44	2	6	36	55	2	6	63	63					1	1	8	8
	3	44	2	6	16	39	3	6	54	54	1	1	2	2	4	4	10	10
2070	1	40	2	6	17	42	2	6	56	56							1	1
(94)	2	40	6	11	29	68	4	9	83	83	1	2	2	2	3	4	21	21
	3	40	1	5	20	54	1	6	74	74	3	4	3	5	6	9	27	27
	1	42	2	5	14	33	2	5	45	45								
	2	42	5	9	27	58	4	8	76	76					1	1	7	7
	3	42	1	4	19	49	1	4	71	71	1	1	1	1	5	7	15	15
	1	44		4	10	23		4	30	30								
	2	44	3	8	21	53	3	8	64	64							1	1
	3	44	1	2	15	41	1	2	64	64		1		1	1	1	5	5
2070	1	40		4	15	29		4	36	36								
(95)	2	40	2	6	19	40	2	6	66	66					1	2	12	12
	3	40		3	11	30		3	56	56			1	2	5	8	21	21
	1	42		2	11	23		2	25	25								
	2	42	1	6	18	36	1	6	56	56							2	2
	3	42		3	10	29		3	52	52					1	2	12	12
	1	44		1	6	17		1	20	20								
	2	44		5	17	33		5	47	47								
	3	44		3	8	25		3	46	46							1	1

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(10a)

City	Sydney	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		5	18	34		5	40	40								
(96)	2	40	1	6	27	46	1	6	70	70							6	6
	3	40		3	12	34		3	59	59			1	1	3	4	13	13
	1	42		2	13	27		2	32	32								
	2	42		6	26	45		6	60	60								
	3	42		3	10	31		3	50	50							4	4
	1	44			6	26			22	22								
	2	44		6	24	41		6	51	51								
	3	44		2	9	30		2	45	45							4	4
2070	1	40	1	6	20	36	1	6	61	61								
(97)	2	40	3	12	25	62	3	12	88	88					4	5	16	16
	3	40		7	19	44	2	7	79	79	1	1	4	4	11	13	27	27
	1	42		4	16	28		4	40	40								
	2	42	2	10	22	55	2	10	78	78							5	5
	3	42		6	19	37		6	69	69			1	1	4	4	14	14
	1	44		2	11	22		2	28	28								
	2	44	2	7	21	48	2	7	72	72							2	2
	3	44		5	17	36		5	63	63					1	1	7	7
2070	1	40		4	31	54		4	71	71								
(98)	2	40	2	19	43	69	3	19	97	97	1	1	2	2	7	7	26	26
	3	40	2	12	29	51	4	13	83	83	4	5	8	10	12	17	34	34
	1	42		2	25	46		2	59	59								
	2	42	2	15	42	66	2	15	90	90					1	1	10	10
	3	42	2	10	29	50	3	10	81	81	2	2	3	3	6	8	18	18
	1	44		2	18	41		2	48	48								
	2	44		7	39	64		7	80	80							2	2
	3	44	2	8	27	48	2	8	77	77			1	1	2	2	13	13
2070	1	40		1	11	37		1	52	52								
(99)	2	40		3	28	52		3	83	83							12	12
	3	40		3	15	41		3	78	78	1	1	2	2	5	6	26	26
	1	42			4	31			34	34								
	2	42		2	22	44		2	77	77							3	3
	3	42		3	15	36		3	70	70					1	1	13	13
	1	44			3	22			27	27								
	2	44		1	20	41		1	69	69								
	3	44		2	13	34		2	62	62							3	3
2070	1	40		7	27	44		7	55	55								
(00)	2	40	3	12	31	58	3	12	79	79			1	1	4	5	17	17
	3	40	1	10	25	49	3	12	73	73	1	2	3	6	10	12	24	24
	1	42		5	19	33		5	44	44								
	2	42	1	10	29	55	1	10	74	74							8	8
	3	42		9	25	45	1	10	69	69	1	1	1	1	2	5	18	18
	1	44		1	12	29		1	34	34								
	2	44		8	27	51		8	71	71							2	2
	3	44		5	24	44		5	67	67					1	1	9	9
2070	1	40		3	19	36		3	55	55							1	1
(01)	2	40		9	28	57	1	9	87	87	5	5	8	8	13	13	23	23
	3	40		5	19	40	10	12	73	73	11	11	12	12	16	16	35	35
	1	42			15	31			40	40								
	2	42		4	24	52	1	4	75	75	1	1	3	3	4	4	12	12
	3	42		5	18	33	2	6	66	66	6	6	8	8	11	11	23	23
	1	44			8	23			31	31								
	2	44		3	21	48		3	64	64					1	1	4	4
	3	44		4	16	30	1	4	59	59			5	5	8	8	14	14

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(11)

City	Sydney	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	5	7		2	11	11								
(90)	2	40	1	2	6	14	1	2	22	23								
	3	40		1	4	9		1	17	17								
	1	42		1	4	5		1	5	5								
	2	42	1	2	5	11	1	2	18	19								
	3	42		1	3	8		1	14	14								
	1	44			2	3			2	3								
	2	44		2	5	10		2	13	14								
	3	44		1	3	7		1	12	12								
2070	1	40		1	5	13		1	13	17								
(91)	2	40		1	12	21		1	27	30								
	3	40		1	4	14		1	25	27								
	1	42			2	8			6	10								
	2	42		1	9	17		1	23	24								
	3	42			4	12			20	22								
	1	44			1	6			1	6								
	2	44		1	6	16		1	18	21								
	3	44			4	11			15	18								
2070	1	40				2			5	5								
(92)	2	40			3	5			10	10								
	3	40				3			9	9								
	1	42				2			4	5								
	2	42			2	4			8	8								
	3	42				3			7	7								
	1	44																
	2	44				2			6	6								
	3	44				3			6	6								
2070	1	40			6	10			15	15								
(93)	2	40			11	20			26	26								
	3	40			5	11			17	17								
	1	42			4	8			9	10								
	2	42			11	19			24	25								
	3	42			5	10			16	16								
	1	44			2	5			2	5								
	2	44			8	15			21	21								
	3	44			5	10			15	15								
2070	1	40			7	10			10	11								
(94)	2	40		2	9	13		2	23	24								
	3	40		1	2	7		1	18	18								
	1	42			6	9			4	7								
	2	42		1	9	13		1	18	19								
	3	42		1	2	7		1	17	17								
	1	44			2	6			2	6								
	2	44			8	13			17	18								
	3	44		1	2	7		1	14	16								
2070	1	40			2	6			6	8								
(95)	2	40			4	13			16	18								
	3	40			3	6			12	12								
	1	42			1	4			1	4								
	2	42			4	11			12	15								
	3	42			3	5			6	7								
	1	44				3				3								
	2	44			3	7			11	11								
	3	44			2	5			5	6								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(11)

City	Sydney	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			2	6			7	8								
(96)	2	40			6	15			17	20								
	3	40			2	4			7	8								
	1	42				5				5								
	2	42			5	13			14	17								
	3	42			1	4			6	7								
	1	44				3				3								
	2	44			5	8			11	12								
	3	44				4			6	7								
2070	1	40			4	10			11	15								
(97)	2	40			6	19			22	22								
	3	40			4	11			16	16								
	1	42			2	6			5	7								
	2	42			6	16			20	21								
	3	42			3	10			15	15								
	1	44			1	4			1	4								
	2	44			6	13			17	19								
	3	44			3	9			15	15								
2070	1	40			2	16			19	25								
(98)	2	40			7	26			42	44								
	3	40			5	15			30	30								
	1	42			2	5			5	8								
	2	42			5	25			35	39								
	3	42			4	13			28	28								
	1	44				2				2								
	2	44			4	20			32	35								
	3	44			3	13			24	25								
2070	1	40				2			7	8								
(99)	2	40			1	8			23	24								
	3	40			2	4			15	16								
	1	42				1			1	1								
	2	42			1	4			17	18								
	3	42				4			13	14								
	1	44																
	2	44				3			14	15								
	3	44				4			12	13								
2070	1	40			5	10			14	15								
(00)	2	40			8	22			27	30								
	3	40			3	14			23	25								
	1	42			1	7			4	9								
	2	42			7	18			25	27								
	3	42			3	12			21	23								
	1	44				5				5								
	2	44			7	16			18	21								
	3	44			3	11			19	20								
2070	1	40				4			12	13								
(01)	2	40			3	16			23	23								
	3	40			2	10			20	20								
	1	42				3			7	8								
	2	42			3	14			22	22								
	3	42			1	9			19	19								
	1	44				1			1	1								
	2	44			2	11			19	21								
	3	44			1	7			15	17								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(11a)

City	Sydney	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	5	11		2	11	11								
(90)	2	40	2	2	7	18	2	2	22	22								
	3	40		2	5	12		2	17	17								
	1	42		2	4	8		2	5	4								
	2	42	1	2	6	18	1	2	18	18								
	3	42		2	5	11		2	14	14								
	1	44		1	2	4		1	2	1								
	2	44	1	2	5	15	1	2	13	13								
	3	44		2	3	10		2	12	12								
2070	1	40		1	6	16		1	13	12								
(91)	2	40		1	14	27		1	27	26								
	3	40		1	6	18		1	26	25								
	1	42		1	2	15		1	6	6								
	2	42		1	10	24		1	23	22								
	3	42		1	6	16		1	20	20								
	1	44			1	9			1	1								
	2	44		1	8	21		1	19	18								
	3	44		1	4	16		1	16	15								
2070	1	40				4			5	5								
(92)	2	40			3	5			10	10								
	3	40				7			9	9								
	1	42				2			4	4								
	2	42			2	5			8	8								
	3	42				6			7	7								
	1	44				2												
	2	44			2	5			6	6								
	3	44				4			6	6								
2070	1	40			6	19			15	14								
(93)	2	40		1	12	28		1	26	26								
	3	40			6	14			17	17								
	1	42			4	12			9	9								
	2	42		1	11	24		1	24	23								
	3	42			6	14			16	16								
	1	44			3	7			3	2								
	2	44			10	22			21	20								
	3	44			5	12			15	15								
2070	1	40		1	8	13		1	11	9								
(94)	2	40		3	10	18		3	23	23								
	3	40		1	3	13		1	18	18								
	1	42			6	10			4	2								
	2	42		2	9	17		2	18	18								
	3	42		1	2	10		1	17	17								
	1	44			3	7			3	1								
	2	44		2	9	14		2	17	17								
	3	44		1	2	9		1	14	14								
2070	1	40			3	11			6	6								
(95)	2	40			5	17			16	16								
	3	40			3	7			12	12								
	1	42			2	6			2									
	2	42			4	16			12	12								
	3	42			3	7			6	6								
	1	44				4												
	2	44			4	14			11	11								
	3	44			3	7			5	5								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(11a)

City	Sydney	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	13			7	5								
(96)	2	40			6	22			17	17								
	3	40			2	8			7	7								
	1	42			1	6			1									
	2	42			6	20			14	13								
	3	42			2	5			6	6								
	1	44				6												
	2	44			5	17			11	8								
	3	44			2	5			6	6								
2070	1	40			4	16			11	10								
(97)	2	40		1	9	21		1	22	22								
	3	40			5	14			16	16								
	1	42			2	11			5	3								
	2	42		1	6	20		1	20	20								
	3	42			5	14			15	15								
	1	44			1	6			1									
	2	44		1	6	20		1	17	17								
	3	44			4	13			15	15								
2070	1	40			2	25			19	18								
(98)	2	40			13	39			42	42								
	3	40			8	25			30	30								
	1	42			2	18			5	4								
	2	42			7	33			36	35								
	3	42			6	23			28	27								
	1	44				7												
	2	44			5	30			32	32								
	3	44			4	22			24	23								
2070	1	40				4			7	7								
(99)	2	40			1	20			23	23								
	3	40			3	13			16	15								
	1	42				3			1	1								
	2	42			1	14			17	17								
	3	42			2	9			13	13								
	1	44				1												
	2	44			1	9			14	14								
	3	44				5			12	12								
2070	1	40			5	18			14	12								
(00)	2	40			10	27			27	27								
	3	40			6	24			23	23								
	1	42			3	12			6	4								
	2	42			8	27			25	25								
	3	42			3	22			21	21								
	1	44				8												
	2	44			7	25			18	18								
	3	44			3	20			19	19								
2070	1	40			1	14			12	12								
(01)	2	40			4	20			23	23								
	3	40			4	15			20	20								
	1	42				8			7	7								
	2	42			3	19			22	21								
	3	42			4	14			19	19								
	1	44				3			1	1								
	2	44			3	18			20	19								
	3	44			2	12			15	15								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(12)

City	Sydney	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	2	5	11	2	2	19	20								
(90)	2	40	2	3	18	24	2	3	36	37								
	3	40	1	2	6	13	1	2	31	31								
	1	42	1	2	5	8	1	2	11	12								
	2	42	2	3	14	23	2	3	31	33								
	3	42	1	2	6	12	1	2	26	26								
	1	44		2	5	6		2	8	8								
	2	44	2	2	10	19	2	2	25	26								
	3	44	1	2	6	11	1	2	23	23								
2070	1	40		1	10	18		1	25	26								
(91)	2	40	1	1	18	29	1	1	52	53								
	3	40		1	9	18		1	44	44							1	1
	1	42		1	5	14		1	15	19								
	2	42	1	1	17	26	1	1	41	43								
	3	42		1	7	16		1	36	36								
	1	44		1	2	8		1	9	12								
	2	44	1	1	14	23	1	1	34	37								
	3	44		1	6	16		1	30	30								
2070	1	40			3	4			9	9								
(92)	2	40			3	7			15	15								
	3	40			2	7			16	16								
	1	42				2			5	5								
	2	42			3	5			14	14								
	3	42			1	7			14	14								
	1	44				2			4	5								
	2	44			3	5			12	12								
	3	44			1	5			12	12								
2070	1	40			11	18			24	25								
(93)	2	40		2	16	31		2	43	44							1	1
	3	40		1	7	14		1	30	30								
	1	42			6	11			17	18								
	2	42		2	13	25		2	36	38								
	3	42		1	6	14		1	23	23								
	1	44			4	8			11	12								
	2	44		1	12	23		1	28	29								
	3	44			6	12			22	22								
2070	1	40		2	9	13		2	21	22								
(94)	2	40	2	4	13	19	2	4	45	45								
	3	40	1	1	6	13	1	1	37	37							1	1
	1	42		1	7	10		1	13	13								
	2	42		3	11	18		3	34	35								
	3	42	1	1	5	10	1	1	33	33								
	1	44			6	9			5	8								
	2	44		3	10	13		3	28	28								
	3	44	1	1	4	10	1	1	28	28								
2070	1	40			4	10			12	14								
(95)	2	40		2	6	17		2	24	24								
	3	40			3	7			18	18								
	1	42			2	6			7	8								
	2	42		1	6	16		1	21	22								
	3	42			3	7			17	17								
	1	44			2	4			2	4								
	2	44			5	13			18	20								
	3	44			3	7			16	16								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(12)

City	Sydney	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	13			14	17								
(96)	2	40			6	22			32	33								
	3	40			3	8			18	18								
	1	42			2	6			8	9								
	2	42			6	20			26	31								
	3	42			3	5			16	16								
	1	44				5				5								
	2	44			6	17			21	24								
	3	44			2	5			14	14								
2070	1	40		1	6	16		1	20	21								
(97)	2	40		2	12	21		2	40	40								
	3	40			7	14			31	31								
	1	42			4	11			11	16								
	2	42		2	10	20		2	32	32								
	3	42			7	14			26	26								
	1	44			2	6			6	7								
	2	44		1	7	19		1	26	26								
	3	44			5	13			21	21								
2070	1	40			5	25			37	41								
(98)	2	40		2	19	39		2	59	59								
	3	40		2	12	25		2	49	49								
	1	42			2	17			24	29								
	2	42		1	16	33		1	52	52								
	3	42		2	10	23		2	45	45								
	1	44			2	7			6	11								
	2	44			8	29			48	48								
	3	44		1	9	22		1	40	41								
2070	1	40			1	4			19	20								
(99)	2	40			3	20			33	34								
	3	40			3	13			33	33								
	1	42				3			8	10								
	2	42			2	14			28	29								
	3	42			3	9			26	26								
	1	44				1			1	1								
	2	44			1	8			25	26								
	3	44			3	5			20	20								
2070	1	40			7	18			24	27								
(00)	2	40		1	14	27		1	43	43								
	3	40			10	24			39	39								
	1	42			5	11			16	17								
	2	42			11	27			39	39								
	3	42			10	23			34	34								
	1	44			1	8			6	10								
	2	44			8	25			34	35								
	3	44			6	20			33	33								
2070	1	40			3	14			23	23								
(01)	2	40			10	20			39	40								
	3	40			7	15			34	34								
	1	42				6			17	18								
	2	42			4	19			35	36								
	3	42			5	15			28	28								
	1	44				3			7	8								
	2	44			3	18			30	30								
	3	44			4	13			24	24								

APPENDIX - 9

(Predicted dangerous days for projected 2070 conditions)

Table - 9(12a)

City	Sydney	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	3	6	18	2	3	19	19								
(90)	2	40	2	3	19	34	2	3	36	36								
	3	40	1	3	7	24	1	3	31	31								
	1	42	1	2	5	14	1	2	11	11								
	2	42	2	3	17	31	2	3	31	31								
	3	42	1	3	6	22	1	3	26	26								
	1	44		2	5	10		2	8	7								
	2	44	2	3	11	25	2	3	25	25								
	3	44	1	2	6	18	1	2	23	23								
2070	1	40	1	1	11	25	1	1	25	24								
(91)	2	40	1	6	19	37	1	6	52	52								
	3	40	1	1	10	26	1	1	44	44							1	1
	1	42		1	6	18		1	15	14								
	2	42	1	5	18	34	1	5	41	41								
	3	42	1	1	10	24	1	1	36	36								
	1	44		1	2	15		1	9	9								
	2	44	1	1	17	31	1	1	35	34								
	3	44		1	8	21		1	30	30								
2070	1	40			3	5			9	9								
(92)	2	40			3	13			15	15								
	3	40			3	11			16	16								
	1	42				5			5	5								
	2	42			3	12			14	14								
	3	42			3	9			14	14								
	1	44				2			4	4								
	2	44			3	9			12	12								
	3	44			1	8			12	12								
2070	1	40		2	11	24		2	24	23								
(93)	2	40		4	20	40		4	43	43							1	1
	3	40		2	10	23		2	30	30								
	1	42		1	6	20		1	17	16								
	2	42		3	16	35		3	36	36								
	3	42		2	9	19		2	23	23								
	1	44			4	12			11	11								
	2	44		2	13	32		2	28	28								
	3	44		1	6	16		1	22	22								
2070	1	40		3	9	17		3	21	21								
(94)	2	40	2	6	14	30	2	6	45	45								
	3	40	1	2	7	22	1	2	37	37							1	1
	1	42		2	8	13		2	13	12								
	2	42	2	5	13	25	2	5	34	34								
	3	42	1	2	7	19	1	2	33	33								
	1	44		2	6	12		2	5	3								
	2	44		4	10	20		4	28	28								
	3	44	1	2	6	17	1	2	28	28								
2070	1	40		1	4	16		1	12	12								
(95)	2	40		3	9	22		3	24	24								
	3	40		1	5	12		1	18	18								
	1	42			3	12			7	7								
	2	42		2	6	18		2	21	21								
	3	42			5	11			17	17								
	1	44			2	6			2									
	2	44		2	6	17		2	18	18								
	3	44			3	9			16	16								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(12a)

City	Sydney	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	20			14	12								
(96)	2	40		3	11	26		3	32	32								
	3	40			3	15			18	18								
	1	42			5	14			9	6								
	2	42		2	6	26		2	26	26								
	3	42			3	13			16	16								
	1	44			1	6			1									
	2	44		1	6	26		1	21	21								
	3	44			3	9			14	14								
2070	1	40		2	6	20		2	20	20								
(97)	2	40	1	5	14	28	1	5	40	40								
	3	40		2	9	19		2	31	31								
	1	42		1	6	18		1	11	10								
	2	42		4	12	25		4	32	32								
	3	42		2	8	19		2	26	26								
	1	44			3	12			6	4								
	2	44		2	10	22		2	26	26								
	3	44			7	19			21	21								
2070	1	40		1	7	33		1	38	37								
(98)	2	40		2	24	46		2	59	59								
	3	40		3	13	33		3	49	49								
	1	42			3	25			24	23								
	2	42		2	19	42		2	52	52								
	3	42		2	13	29		2	45	45								
	1	44			2	19			6	5								
	2	44		2	16	40		2	48	48								
	3	44		2	12	29		2	40	40								
2070	1	40			1	14			19	19								
(99)	2	40			4	30			33	33								
	3	40			4	18			33	33								
	1	42				5			8	8								
	2	42			3	28			28	28								
	3	42			3	16			26	26								
	1	44				3			1	1								
	2	44			2	21			25	25								
	3	44			3	13			20	20								
2070	1	40			8	27			25	24								
(00)	2	40		5	19	33		5	43	43								
	3	40		3	11	27		3	39	39								
	1	42			5	21			16	16								
	2	42		5	14	30		5	39	39								
	3	42		3	10	25		3	34	34								
	1	44			3	13			7	6								
	2	44		3	10	29		3	34	34								
	3	44		1	10	25		1	33	33								
2070	1	40			3	19			23	22								
(01)	2	40		1	14	30		1	39	39								
	3	40		1	7	21		1	34	34								
	1	42			1	15			17	17								
	2	42			10	25			35	35								
	3	42		1	7	19		1	28	28								
	1	44				10			7	7								
	2	44			4	22			30	30								
	3	44			5	18			24	24								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(13)

City	Sydney	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	5	10		2	11	12								
(90)	2	40	2	2	11	19	2	2	25	26								
	3	40		2	5	11		2	18	18								
	1	42		2	5	6		2	8	8								
	2	42	2	2	6	14	2	2	21	23								
	3	42		2	5	9		2	17	17								
	1	44		1	2	3		1	2	3								
	2	44	1	2	5	11	1	2	17	18								
	3	44		1	3	8		1	15	15								
2070	1	40		1	6	15		1	15	19								
(91)	2	40	1	1	14	24	1	1	35	37								
	3	40		1	6	15		1	30	30								
	1	42			2	9			9	13								
	2	42		1	11	21		1	27	30								
	3	42		1	5	15		1	26	28								
	1	44			2	6			3	6								
	2	44		1	9	17		1	22	23								
	3	44		1	4	14		1	24	26								
2070	1	40				2			6	6								
(92)	2	40			3	5			12	12								
	3	40				3			11	11								
	1	42				2			5	5								
	2	42			3	5			10	10								
	3	42				3			9	9								
	1	44							1	1								
	2	44			2	4			8	8								
	3	44				3			8	8								
2070	1	40			7	13			19	20								
(93)	2	40		1	12	23		1	28	29								
	3	40			6	11			19	19								
	1	42			4	8			13	14								
	2	42			11	20			26	26								
	3	42			6	11			18	18								
	1	44			3	5			6	7								
	2	44			10	18			23	24								
	3	44			5	10			16	16								
2070	1	40			8	11			13	13								
(94)	2	40		2	10	15		2	29	29								
	3	40		1	3	10		1	21	21								
	1	42			6	10			6	8								
	2	42		2	9	13		2	23	24								
	3	42		1	2	7		1	19	19								
	1	44			5	8			3	6								
	2	44		2	8	13		2	18	19								
	3	44		1	2	7		1	18	18								
2070	1	40			3	6			7	8								
(95)	2	40			5	14			19	20								
	3	40			3	7			13	13								
	1	42			2	5			2	5								
	2	42			4	13			16	18								
	3	42			3	6			13	13								
	1	44				4				4								
	2	44			4	10			11	13								
	3	44			3	5			8	9								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(13)

City	Sydney	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			3	6			8	9								
(96)	2	40			6	17			22	25								
	3	40			2	5			11	11								
	1	42				6			1	7								
	2	42			5	15			17	20								
	3	42			2	5			9	10								
	1	44				5				5								
	2	44			5	11			13	15								
	3	44			1	4			7	8								
2070	1	40			4	12			13	17								
(97)	2	40		1	8	20		1	27	27								
	3	40			5	12			20	20								
	1	42			2	7			10	12								
	2	42		1	6	19		1	22	22								
	3	42			4	11			19	19								
	1	44			1	6			2	6								
	2	44			6	15			20	21								
	3	44			3	10			16	16								
2070	1	40			2	19			27	32								
(98)	2	40			11	30			47	47								
	3	40			7	19			33	33								
	1	42			2	7			8	13								
	2	42			7	26			41	43								
	3	42			5	15			30	30								
	1	44				4			2	5								
	2	44			5	25			35	39								
	3	44			5	14			29	29								
2070	1	40				3			10	12								
(99)	2	40			1	9			25	25								
	3	40			2	5			18	18								
	1	42				1			2	2								
	2	42			1	7			23	24								
	3	42			2	4			16	16								
	1	44				1				1								
	2	44			1	4			17	18								
	3	44				4			13	14								
2070	1	40			5	12			16	17								
(00)	2	40			8	26			33	34								
	3	40			4	17			26	27								
	1	42			3	8			8	11								
	2	42			8	21			27	29								
	3	42			3	16			25	27								
	1	44				7			1	7								
	2	44			7	18			24	27								
	3	44			3	12			21	23								
2070	1	40			1	9			19	20								
(01)	2	40			4	18			29	29								
	3	40			4	11			22	22								
	1	42				3			9	10								
	2	42			3	16			23	23								
	3	42			2	10			21	21								
	1	44				2			2	2								
	2	44			3	14			22	22								
	3	44			1	9			19	19								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(13a)

City	Sydney	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	2	5	14	1	2	11	11								
(90)	2	40	2	3	13	25	2	3	25	25								
	3	40		2	6	16		2	18	18								
	1	42		2	5	10		2	8	7								
	2	42	2	2	7	18	2	2	21	21								
	3	42		2	6	12		2	17	17								
	1	44		2	3	5		2	3	2								
	2	44	2	2	6	17	2	2	17	17								
	3	44		2	5	11		2	15	15								
2070	1	40		1	7	19		1	15	15								
(91)	2	40	1	1	18	33	1	1	36	35								
	3	40		1	7	20		1	30	30								
	1	42		1	4	16		1	10	9								
	2	42	1	1	13	27	1	1	27	26								
	3	42		1	6	18		1	27	26								
	1	44		1	2	10		1	3	3								
	2	44		1	10	24		1	22	21								
	3	44		1	6	16		1	24	24								
2070	1	40			2	5			6	6								
(92)	2	40			3	9			12	12								
	3	40				7			11	11								
	1	42				2			5	5								
	2	42			3	5			10	10								
	3	42				7			9	9								
	1	44				2			1	1								
	2	44			2	5			8	8								
	3	44				7			8	8								
2070	1	40			7	20			19	18								
(93)	2	40		2	15	32		2	28	28								
	3	40		1	6	15		1	19	19								
	1	42			4	13			13	13								
	2	42		2	11	28		2	26	26								
	3	42			6	14			18	18								
	1	44			3	7			6	5								
	2	44		1	11	24		1	23	22								
	3	44			6	14			16	16								
2070	1	40		2	8	13		2	13	12								
(94)	2	40		4	10	20		4	29	29								
	3	40		1	6	16		1	21	21								
	1	42			7	12			7	4								
	2	42		3	10	18		3	23	23								
	3	42		1	3	13		1	19	19								
	1	44			5	10			3	1								
	2	44		2	9	16		2	18	18								
	3	44		1	2	10		1	18	18								
2070	1	40			4	13			7	7								
(95)	2	40		1	6	17		1	19	19								
	3	40			3	8			13	13								
	1	42			2	7			2	1								
	2	42			5	17			16	16								
	3	42			3	8			13	13								
	1	44			1	5			1									
	2	44			4	16			11	11								
	3	44			3	7			8	8								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(13a)

City	Sydney	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	15			9	6								
(96)	2	40			6	26			22	22								
	3	40			3	9			11	11								
	1	42			1	7			2	1								
	2	42			6	22			17	17								
	3	42			2	8			9	9								
	1	44				6												
	2	44			5	20			13	11								
	3	44			2	7			7	7								
2070	1	40		1	6	19		1	13	12								
(97)	2	40		2	11	22		2	27	27								
	3	40			7	17			20	20								
	1	42			4	13			11	8								
	2	42		1	8	21		1	22	22								
	3	42			5	15			19	19								
	1	44			2	8			3	1								
	2	44		1	6	20		1	20	20								
	3	44			5	14			16	16								
2070	1	40			4	26			28	27								
(98)	2	40		2	18	40		2	47	47								
	3	40		2	10	27		2	33	33								
	1	42			2	20			8	7								
	2	42			11	39			41	41								
	3	42		1	9	25		1	30	30								
	1	44			2	11			3	2								
	2	44			7	33			36	35								
	3	44			6	23			29	28								
2070	1	40			1	7			10	10								
(99)	2	40			3	21			25	25								
	3	40			3	13			18	18								
	1	42				3			2	2								
	2	42			1	20			23	23								
	3	42			3	13			16	16								
	1	44				1												
	2	44			1	14			17	17								
	3	44			2	10			13	13								
2070	1	40			7	21			16	16								
(00)	2	40		1	11	29		1	33	33								
	3	40			10	24			26	26								
	1	42			5	15			9	7								
	2	42			8	27			27	27								
	3	42			8	24			25	25								
	1	44			1	8			1	1								
	2	44			8	27			25	24								
	3	44			3	23			21	21								
2070	1	40			2	16			19	19								
(01)	2	40			8	22			29	29								
	3	40			5	17			22	22								
	1	42				11			9	9								
	2	42			4	20			23	23								
	3	42			5	15			21	21								
	1	44				4			2	2								
	2	44			3	19			22	21								
	3	44			4	15			19	19								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(14)

City	Sydney	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	2	6	14	2	2	21	23								
(90)	2	40	2	3	18	26	2	3	37	39								
	3	40	1	2	7	15	1	2	35	35								
	1	42	1	2	5	10	1	2	13	14								
	2	42	2	2	16	22	2	2	34	35								
	3	42	1	2	6	13	1	2	27	27								
	1	44		2	5	7		2	10	10								
	2	44	2	2	12	20	2	2	28	29								
	3	44		2	6	12		2	24	24								
2070	1	40		1	11	21		1	27	30								
(91)	2	40	1	1	19	31	1	1	57	57								
	3	40		1	10	20		1	49	50								
	1	42		1	6	16		1	17	20								
	2	42	1	1	18	27	1	1	46	46								
	3	42		1	10	18		1	36	36								
	1	44		1	2	10		1	9	13								
	2	44	1	1	16	26	1	1	39	41								
	3	44		1	8	16		1	32	32								
2070	1	40			3	5			10	10								
(92)	2	40			3	9			15	15								
	3	40			3	7			16	16								
	1	42				2			6	6								
	2	42			3	5			15	15								
	3	42			3	7			15	15								
	1	44				2			5	5								
	2	44			3	5			12	12								
	3	44			1	7			13	13								
2070	1	40			11	20			26	26								
(93)	2	40		2	19	32		2	46	47								
	3	40		1	10	14		1	33	33								
	1	42			7	14			20	21								
	2	42		2	15	28		2	40	41								
	3	42			9	14			23	24								
	1	44			4	8			13	14								
	2	44		1	13	24		1	33	35								
	3	44			6	14			22	22								
2070	1	40		2	9	13		2	23	24								
(94)	2	40	1	3	14	21	1	3	45	45								
	3	40	1	1	8	15	1	1	37	37								
	1	42			8	12			16	17								
	2	42		3	13	19		3	38	38								
	3	42	1	1	7	13	1	1	34	34								
	1	44			6	10			7	9								
	2	44		2	10	16		2	30	31								
	3	44		1	6	10		1	30	30								
2070	1	40			4	13			16	18								
(95)	2	40		1	7	17		1	26	26								
	3	40			5	8			24	24								
	1	42			3	6			10	10								
	2	42			6	17			22	22								
	3	42			4	7			18	18								
	1	44			2	5			5	8								
	2	44			6	15			21	21								
	3	44			3	7			16	16								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(14)

City	Sydney	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	15			17	20								
(96)	2	40			8	26			33	35								
	3	40			3	9			20	20								
	1	42			5	6			11	11								
	2	42			6	22			30	31								
	3	42			3	8			17	17								
	1	44			1	6			3	7								
	2	44			6	20			24	29								
	3	44			3	7			16	17								
2070	1	40		1	6	19		1	22	22								
(97)	2	40		2	13	22		2	42	42								
	3	40			9	17			30	30								
	1	42			6	13			16	19								
	2	42		1	12	21		1	35	35								
	3	42			8	14			25	25								
	1	44			3	8			10	13								
	2	44		1	10	20		1	29	29								
	3	44			7	14			23	23								
2070	1	40			7	26			41	43								
(98)	2	40		2	23	40		2	59	59								
	3	40		2	13	27		2	49	49								
	1	42			2	20			31	35								
	2	42			19	39			55	55								
	3	42		1	12	25		1	47	47								
	1	44			2	9			12	18								
	2	44			15	32			52	52								
	3	44			12	23			44	44								
2070	1	40			1	7			23	24								
(99)	2	40			4	20			34	34								
	3	40			4	13			34	34								
	1	42				3			13	14								
	2	42			3	17			32	33								
	3	42			3	13			29	29								
	1	44				1			5	5								
	2	44			2	12			27	28								
	3	44			3	10			22	22								
2070	1	40			8	21			27	29								
(00)	2	40		1	18	29		1	45	45								
	3	40			10	24			40	40								
	1	42			5	15			18	21								
	2	42			14	27			40	40								
	3	42			10	24			35	35								
	1	44			3	8			9	12								
	2	44			11	27			35	36								
	3	44			10	23			33	33								
2070	1	40			3	16			23	23								
(01)	2	40			14	22			43	43								
	3	40			8	16			37	37								
	1	42			1	10			19	20								
	2	42			10	20			38	39								
	3	42			7	15			31	31								
	1	44				4			11	12								
	2	44			4	19			31	32								
	3	44			5	15			25	26								

APPENDIX - 9

(Predicted dangerous days for projected 2070 conditions)

Table - 9(14a)

City	Sydney	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	2	7	18	2	2	21	21								
(90)	2	40	2	3	20	33	2	3	37	37								
	3	40	1	3	8	24	1	3	35	35								
	1	42	1	2	5	15	1	2	13	13								
	2	42	2	3	17	32	2	3	34	34								
	3	42	1	2	7	24	1	2	27	27								
	1	44		2	5	10		2	10	9								
	2	44	2	3	15	29	2	3	28	28								
	3	44	1	2	7	21	1	2	24	24								
2070	1	40	1	1	12	26	1	1	27	26								
(91)	2	40	1	5	20	38	1	5	57	57								
	3	40	1	1	13	28	1	1	49	49								
	1	42		1	8	20		1	18	17								
	2	42	1	2	19	36	1	2	46	46								
	3	42		1	12	26		1	36	36								
	1	44		1	5	16		1	11	9								
	2	44	1	1	18	34	1	1	39	39								
	3	44		1	10	21		1	32	32								
2070	1	40			3	5			10	10								
(92)	2	40			5	13			15	15								
	3	40			3	11			16	16								
	1	42			2	5			6	6								
	2	42			3	13			15	15								
	3	42			3	11			15	15								
	1	44				2			5	5								
	2	44			3	10			12	12								
	3	44			3	8			13	13								
2070	1	40		2	11	27		2	26	26								
(93)	2	40		3	22	41		3	46	46								
	3	40		2	10	23		2	33	33								
	1	42			8	21			20	19								
	2	42		2	18	37		2	40	40								
	3	42		1	10	21		1	23	23								
	1	44			5	16			14	13								
	2	44		2	15	33		2	33	33								
	3	44		1	10	19		1	22	22								
2070	1	40		3	10	18		3	23	23								
(94)	2	40	2	5	14	33	2	5	45	45								
	3	40	1	2	9	22	1	2	37	37								
	1	42		2	8	13		2	16	16								
	2	42	2	4	14	28	2	4	38	38								
	3	42	1	2	8	21	1	2	34	34								
	1	44		1	7	13		1	8	6								
	2	44		4	12	23		4	30	30								
	3	44	1	1	7	18	1	1	30	30								
2070	1	40			5	17			16	16								
(95)	2	40		2	12	25		2	26	26								
	3	40			5	17			24	24								
	1	42			4	13			10	10								
	2	42		2	7	19		2	22	22								
	3	42			5	11			18	18								
	1	44			2	7			5	4								
	2	44		2	6	18		2	21	21								
	3	44			5	11			16	16								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(14a)

City	Sydney	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	22			17	17								
(96)	2	40		2	14	27		2	33	33								
	3	40			4	16			20	20								
	1	42			5	17			11	8								
	2	42		1	8	26		1	30	30								
	3	42			4	14			17	17								
	1	44			2	8			4	2								
	2	44			6	26			24	24								
	3	44			3	12			16	16								
2070	1	40		1	8	21		1	22	22								
(97)	2	40		4	18	28		4	42	42								
	3	40		2	10	20		2	30	30								
	1	42		1	6	19		1	16	16								
	2	42		3	13	25		3	35	35								
	3	42			9	19			25	25								
	1	44			4	13			11	9								
	2	44		2	12	22		2	29	29								
	3	44			9	19			23	23								
2070	1	40			11	39			41	41								
(98)	2	40		2	25	48		2	59	59								
	3	40		2	14	35		2	49	49								
	1	42			5	29			31	31								
	2	42		2	24	46		2	55	55								
	3	42		2	13	30		2	47	47								
	1	44			2	23			12	11								
	2	44		2	19	42		2	52	52								
	3	44		2	13	29		2	44	44								
2070	1	40			1	17			23	23								
(99)	2	40			5	31			34	34								
	3	40			4	20			34	34								
	1	42			1	8			13	13								
	2	42			4	28			32	32								
	3	42			4	17			29	29								
	1	44				4			5	5								
	2	44			3	23			27	27								
	3	44			3	15			22	22								
2070	1	40			8	27			27	27								
(00)	2	40		5	22	34		5	45	45								
	3	40		3	13	28		3	40	40								
	1	42			7	25			18	18								
	2	42		3	18	32		3	40	40								
	3	42		1	12	26		1	35	35								
	1	44			5	17			10	8								
	2	44		1	14	29		1	35	35								
	3	44		1	10	25		1	33	33								
2070	1	40			4	20			23	23								
(01)	2	40			15	31			43	43								
	3	40		1	10	21		1	37	37								
	1	42			3	17			20	19								
	2	42			14	29			38	38								
	3	42			7	19			31	31								
	1	44				14			11	11								
	2	44			10	24			31	31								
	3	44			7	19			25	25								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(15)

City	Sydney	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	2	7	15	2	2	23	24								
(90)	2	40	2	3	20	28	2	3	40	42								
	3	40	1	2	7	16	1	2	37	38								
	1	42	1	2	5	10	1	2	13	14								
	2	42	2	3	17	23	2	3	36	37								
	3	42	1	2	6	13	1	2	31	31								
	1	44		2	5	7		2	11	11								
	2	44	2	2	13	21	2	2	29	30								
	3	44	1	2	6	12	1	2	26	26								
2070	1	40		1	12	21		1	27	30								
(91)	2	40	1	1	19	34	1	1	59	59								
	3	40		1	11	20		1	52	53							1	1
	1	42		1	6	16		1	18	21								
	2	42	1	1	18	29	1	1	50	50								
	3	42		1	10	19		1	42	43								
	1	44		1	3	11		1	10	15								
	2	44	1	1	17	26	1	1	40	42								
	3	44		1	9	16		1	36	36								
2070	1	40			3	5			10	10								
(92)	2	40			3	9			19	19								
	3	40			3	7			18	18								
	1	42				2			6	6								
	2	42			3	7			15	15								
	3	42			3	7			16	16								
	1	44				2			5	5								
	2	44			3	5			12	12								
	3	44			1	7			14	14								
2070	1	40			11	20			26	26								
(93)	2	40		2	20	34		2	47	48							1	1
	3	40		1	11	16		1	33	33								
	1	42			8	15			21	21								
	2	42		2	16	30		2	42	43								
	3	42		1	9	14		1	29	29								
	1	44			4	8			13	14								
	2	44		1	14	25		1	35	37								
	3	44			6	14			23	24								
2070	1	40		2	9	13		2	24	25								
(94)	2	40	2	4	14	24	2	4	45	45								
	3	40	1	1	8	16	1	1	38	38							1	1
	1	42			8	13			18	19								
	2	42		3	13	19		3	44	44								
	3	42	1	1	7	13	1	1	35	35								
	1	44			6	10			7	9								
	2	44		2	10	16		2	32	33								
	3	44	1	1	6	11	1	1	32	32								
2070	1	40			4	13			16	18								
(95)	2	40		1	9	17		1	27	27								
	3	40			5	8			24	24								
	1	42			3	7			11	11								
	2	42			6	17			23	23								
	3	42			4	8			19	19								
	1	44			2	5			6	8								
	2	44			6	16			21	22								
	3	44			3	7			17	17								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(15)

City	Sydney	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	15			18	21								
(96)	2	40			11	26			34	35								
	3	40			3	9			20	20								
	1	42			5	8			11	12								
	2	42			6	22			32	33								
	3	42			3	9			19	19								
	1	44			1	6			3	7								
	2	44			6	20			26	31								
	3	44			3	8			16	17								
2070	1	40		1	6	19		1	22	22								
(97)	2	40		2	14	22		2	45	45								
	3	40			9	17			34	34								
	1	42			6	13			17	19								
	2	42		2	12	21		2	35	35								
	3	42			8	15			29	29								
	1	44			3	8			10	13								
	2	44		1	10	20		1	30	30								
	3	44			7	14			23	23								
2070	1	40			7	27			43	45								
(98)	2	40		2	24	40		2	61	61								
	3	40		2	13	27		2	52	52								
	1	42			4	20			32	35								
	2	42			20	39			57	57								
	3	42		2	12	26		2	49	49								
	1	44			2	11			15	20								
	2	44			16	33			52	52								
	3	44		1	12	23		1	44	44								
2070	1	40			1	8			23	24								
(99)	2	40			4	21			38	38								
	3	40			4	13			36	36								
	1	42				3			14	15								
	2	42			3	20			34	34								
	3	42			3	13			31	31								
	1	44				1			7	7								
	2	44			2	14			27	28								
	3	44			3	11			24	24								
2070	1	40			8	22			27	30								
(00)	2	40		1	19	29		1	46	46								
	3	40			11	24			41	41								
	1	42			7	16			18	21								
	2	42			15	27			43	43								
	3	42			10	24			38	38								
	1	44			3	8			10	13								
	2	44			12	27			36	36								
	3	44			10	24			33	33								
2070	1	40			3	16			24	24								
(01)	2	40			14	23			44	44								
	3	40			8	17			38	39								
	1	42			2	11			19	21								
	2	42			10	20			38	39								
	3	42			7	15			33	33								
	1	44				4			11	12								
	2	44			4	19			31	32								
	3	44			6	15			27	27								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(15a)

City	Sydney	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	3	8	19	2	3	23	23								
(90)	2	40	2	3	22	35	2	3	40	40								
	3	40	1	3	8	26	1	3	37	37								
	1	42	1	2	5	15	1	2	13	13								
	2	42	2	3	18	33	2	3	36	36								
	3	42	1	3	8	24	1	3	31	31								
	1	44		2	5	11		2	11	10								
	2	44	2	3	15	29	2	3	29	29								
	3	44	1	2	7	22	1	2	26	26								
2070	1	40	1	1	14	28	1	1	27	26								
(91)	2	40	1	6	22	41	1	6	59	59								
	3	40	1	1	14	29	1	1	52	52							1	1
	1	42		1	8	21		1	19	18								
	2	42	1	4	19	37	1	4	50	50								
	3	42		1	12	26		1	42	42								
	1	44		1	5	16		1	12	10								
	2	44	1	1	18	34	1	1	40	40								
	3	44		1	10	24		1	36	36								
2070	1	40			3	7			10	10								
(92)	2	40			5	14			19	19								
	3	40			3	13			18	18								
	1	42			2	5			6	6								
	2	42			3	13			15	15								
	3	42			3	11			16	16								
	1	44				2			5	5								
	2	44			3	10			12	12								
	3	44			3	9			14	14								
2070	1	40		2	11	29		2	26	26								
(93)	2	40		4	22	43		4	47	47							1	1
	3	40		2	11	26		2	33	33								
	1	42		1	10	22		1	21	20								
	2	42		2	19	39		2	42	42								
	3	42		2	10	23		2	29	29								
	1	44			5	17			14	13								
	2	44		2	16	35		2	35	35								
	3	44		1	10	19		1	23	23								
2070	1	40		3	10	18		3	24	24								
(94)	2	40	2	6	14	35	2	6	45	45								
	3	40	1	2	9	25	1	2	38	38							1	1
	1	42		2	9	15		2	18	18								
	2	42	2	5	14	29	2	5	44	44								
	3	42	1	2	8	22	1	2	35	35								
	1	44		2	8	13		2	9	6								
	2	44		4	12	24		4	32	32								
	3	44	1	2	7	20	1	2	32	32								
2070	1	40			5	17			16	16								
(95)	2	40		3	12	25		3	27	27								
	3	40		1	5	17		1	24	24								
	1	42			4	14			11	11								
	2	42		2	9	21		2	23	23								
	3	42			5	12			19	19								
	1	44			2	9			6	6								
	2	44		2	6	18		2	21	21								
	3	44			5	11			17	17								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(15a)

City	Sydney	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	22			18	18								
(96)	2	40		3	15	27		3	34	34								
	3	40			4	16			20	20								
	1	42			5	17			11	8								
	2	42		1	11	26		1	32	32								
	3	42			4	15			19	19								
	1	44			3	11			5	2								
	2	44			6	26			26	26								
	3	44			3	13			16	16								
2070	1	40		2	9	21		2	22	22								
(97)	2	40	1	4	19	29	1	4	45	45								
	3	40		2	10	20		2	34	34								
	1	42		1	6	20		1	17	17								
	2	42		4	15	27		4	35	35								
	3	42		1	10	19		1	29	29								
	1	44			4	14			11	9								
	2	44		2	12	23		2	30	30								
	3	44			9	19			23	23								
2070	1	40			12	39			43	43								
(98)	2	40		2	26	49		2	61	61								
	3	40		2	14	36		2	52	52								
	1	42			5	30			32	32								
	2	42		2	25	46		2	57	57								
	3	42		2	13	33		2	49	49								
	1	44			2	24			15	14								
	2	44		2	20	42		2	52	52								
	3	44		2	13	30		2	44	44								
2070	1	40			1	20			23	23								
(99)	2	40			7	31			38	38								
	3	40			4	20			36	36								
	1	42			1	9			14	14								
	2	42			4	30			34	34								
	3	42			4	18			31	31								
	1	44				4			7	7								
	2	44			3	24			27	27								
	3	44			3	16			24	24								
2070	1	40			9	27			27	27								
(00)	2	40		5	22	36		5	46	46								
	3	40		3	13	28		3	41	41								
	1	42			7	26			18	18								
	2	42		5	19	33		5	43	43								
	3	42		3	13	27		3	38	38								
	1	44			5	18			11	9								
	2	44		3	15	29		3	36	36								
	3	44		1	10	25		1	33	33								
2070	1	40			4	20			24	24								
(01)	2	40		1	15	32		1	44	44								
	3	40		1	10	21		1	38	38								
	1	42			3	18			20	19								
	2	42			14	29			38	38								
	3	42			8	21			33	33								
	1	44				14			11	11								
	2	44			10	24			31	31								
	3	44			7	19			27	27								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(16)

City	Sydney	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	4	5	33	43	2	3	75	77							5	5
(90)	2	40	33	36	43	66	16	18	118	119	19	19	33	33	52	52	83	83
	3	40	15	18	26	48	23	23	106	106	42	42	49	49	65	65	109	109
	1	42	2	3	27	39	2	3	60	61							1	1
	2	42	28	30	43	56	8	9	112	113	9	9	13	13	21	21	52	52
	3	42	13	17	26	43	12	14	98	98	18	18	27	27	41	41	82	82
	1	44	2	3	18	26	2	3	37	39								
	2	44	15	16	41	50	4	5	99	101			2	2	8	8	22	22
	3	44	10	13	24	41	6	8	91	91	8	8	13	13	23	23	59	59
2070	1	40	2	8	28	44	1	7	84	84					1	1	8	8
(91)	2	40	15	24	46	78	21	26	101	101	25	25	30	30	41	41	69	70
	3	40	6	11	28	63	24	26	95	96	35	35	42	42	53	53	84	87
	1	42	1	4	24	37	1	4	72	72							1	1
	2	42	6	14	42	73	9	15	98	98	12	12	16	16	24	24	51	51
	3	42	5	9	26	59	14	16	93	93	18	18	26	26	40	40	65	66
	1	44	1	1	19	31	1	1	57	57								
	2	44	3	10	38	64	4	10	93	93	6	6	8	8	8	8	27	27
	3	44	4	8	23	52	11	13	90	90	13	13	15	15	23	23	51	51
2070	1	40	1	3	7	22		2	46	46					1	1	4	4
(92)	2	40	23	25	24	36	11	11	90	90	11	11	17	17	32	32	54	54
	3	40	5	5	11	19	13	13	71	72	29	29	36	36	41	41	77	77
	1	42			5	13			29	29								
	2	42	9	11	24	32	6	7	78	78	7	7	8	8	13	13	25	25
	3	42	4	4	11	18	7	7	66	67	13	13	23	23	27	27	56	56
	1	44			3	9			15	15								
	2	44	3	5	16	27	2	4	65	65	4	4	4	4	6	6	13	13
	3	44	1	1	10	18	5	5	62	62	5	5	6	6	14	14	32	32
2070	1	40	4	6	34	48	2	4	66	66			2	2	3	3	9	9
(93)	2	40	21	28	48	63	19	20	97	98	21	21	29	29	39	39	61	62
	3	40	11	14	27	45	18	19	82	83	33	33	44	44	50	50	82	82
	1	42		2	26	43		2	59	59							1	1
	2	42	15	19	44	58	11	12	88	88	10	10	15	15	21	21	37	37
	3	42	7	11	25	42	12	13	77	77	16	16	25	25	36	36	66	66
	1	44		2	19	32		2	46	47								
	2	44	9	13	40	55	6	8	76	76	6	6	7	7	12	12	22	22
	3	44	5	9	24	37	10	11	73	73	11	11	11	11	21	21	48	48
2070	1	40	3	6	22	42	3	6	74	74					1	1	2	2
(94)	2	40	14	17	37	66	15	15	102	103	22	22	25	25	35	35	60	60
	3	40	3	6	25	50	21	24	96	97	26	26	34	34	43	43	84	84
	1	42	2	5	17	31	2	5	58	59							1	1
	2	42	9	13	32	57	5	8	96	97	9	9	10	10	22	22	36	36
	3	42	3	4	23	46	10	11	92	92	19	19	21	21	30	30	63	63
	1	44	1	3	14	21	1	3	45	45								
	2	44	7	10	28	51	4	7	84	85	3	3	3	3	6	6	25	25
	3	44	2	3	21	39	4	6	86	86	8	8	14	14	21	21	40	40
2070	1	40		4	17	29		4	54	56								
(95)	2	40	2	6	25	40	11	14	89	89	9	9	15	15	28	28	45	45
	3	40		3	14	30	15	16	73	73	18	18	22	23	32	32	60	61
	1	42		2	13	21		2	39	40								
	2	42	2	5	20	34	3	6	79	79	2	2	5	5	11	11	31	31
	3	42		3	11	27	9	11	65	65	11	11	16	16	26	26	39	39
	1	44		1	7	17		1	26	26								
	2	44	2	4	19	31	2	4	67	67					2	2	14	14
	3	44		3	11	25	1	4	61	61	3	3	7	7	15	15	32	32

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(16)

City	Sydney	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		5	22	32		5	54	55								
(96)	2	40	2	6	28	45	5	9	88	88	9	9	16	16	22	22	43	43
	3	40		3	16	33	6	9	75	75	14	14	22	22	31	31	60	61
	1	42		1	17	26		1	42	42								
	2	42	1	6	27	42	2	7	80	80	3	3	4	4	6	6	25	25
	3	42		2	14	30	4	6	72	72	6	6	9	9	18	18	39	39
	1	44			8	26			33	35								
	2	44		6	27	40		6	71	72			1	1	1	1	9	9
	3	44		2	12	30	2	4	66	66	2	2	3	3	9	9	26	26
2070	1	40	1	6	21	33	1	6	78	78							3	3
(97)	2	40	4	11	28	60	22	27	108	108	14	14	20	20	32	33	70	70
	3	40	2	7	20	40	22	27	96	96	24	24	33	33	50	50	87	87
	1	42	1	4	19	28	1	4	63	64								
	2	42	3	8	25	51	6	10	98	98	6	6	13	13	20	20	47	47
	3	42		5	19	37	12	15	90	91	15	15	20	20	33	33	70	70
	1	44		2	13	22		2	42	42								
	2	44	2	6	22	46	3	6	90	91			1	1	8	8	21	21
	3	44		5	19	35	5	8	85	86	9	9	13	13	21	21	48	48
2070	1	40		4	39	54		4	87	87					1	1	7	7
(98)	2	40	3	18	48	69	20	30	115	115	29	29	38	38	49	49	77	77
	3	40	2	10	35	51	25	28	109	110	33	33	41	41	55	57	98	98
	1	42		2	29	46		2	73	73								
	2	42	2	12	46	66	8	17	101	101	13	13	18	18	25	25	57	57
	3	42	2	9	30	49	17	20	101	102	16	16	23	23	42	42	71	71
	1	44		2	23	40		2	59	59								
	2	44	2	7	42	61	4	9	97	97	3	3	8	8	11	11	31	31
	3	44	2	6	29	48	9	13	92	93	11	11	15	15	22	22	57	57
2070	1	40		1	20	37		1	74	74							1	1
(99)	2	40	2	5	31	50	8	10	101	102	24	24	30	30	40	40	70	70
	3	40	1	4	20	36	19	21	99	99	29	29	38	38	51	51	94	95
	1	42			8	30			56	58								
	2	42	1	2	28	44	2	2	94	94	6	6	11	11	18	18	44	44
	3	42		3	17	34	6	9	89	89	19	19	23	23	33	33	65	65
	1	44			4	20			34	34								
	2	44	1	2	23	39		1	88	88					3	3	17	17
	3	44		2	15	34	2	4	83	83	7	7	14	14	19	19	48	48
2070	1	40		7	27	43		7	73	73							7	7
(00)	2	40	5	11	34	58	16	19	101	101	16	16	20	20	34	34	75	75
	3	40	3	10	28	46	21	24	91	91	20	20	28	28	48	48	92	94
	1	42		5	25	33		5	55	55								
	2	42	3	9	32	53	8	12	93	93	7	7	9	9	15	15	38	38
	3	42	1	8	26	44	13	17	85	85	12	12	17	17	31	31	66	67
	1	44		1	18	29		1	45	45								
	2	44	1	8	29	48	3	9	83	83	1	1	3	3	8	8	22	22
	3	44	1	3	25	43	6	6	78	78	7	7	10	10	19	19	42	42
2070	1	40		2	20	36	1	2	68	69			1	1	1	1	10	10
(01)	2	40		7	33	56	23	24	112	112	28	28	34	34	45	45	70	71
	3	40	1	5	22	36	30	31	100	100	35	35	46	46	59	59	79	79
	1	42			17	30			55	55							1	1
	2	42		4	31	53	11	12	99	99	16	16	20	20	31	31	48	48
	3	42		4	20	32	23	24	94	94	25	25	27	27	41	41	67	68
	1	44			14	22			43	43								
	2	44		3	26	47	4	5	91	91	9	9	12	12	14	14	28	28
	3	44		4	20	29	13	15	90	90	18	18	22	22	31	31	51	51

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(16a)

City	Sydney	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	5	7	35	55	3	5	75	75				1		2	5	5
(90)	2	40	33	42	44	83	16	22	118	118	19	22	33	36	52	59	83	83
	3	40	15	27	31	69	23	31	106	106	42	45	49	56	65	80	109	109
	1	42	2	3	28	41	2	3	60	60							1	1
	2	42	28	34	43	75	8	14	112	112	9	12	13	16	21	24	52	52
	3	42	14	21	28	63	13	18	98	98	18	20	27	29	41	48	82	82
	1	44	2	3	20	33	2	3	37	37								
	2	44	15	20	43	68	4	10	99	99		2	2	3	8	10	22	22
	3	44	11	15	26	57	7	10	91	91	8	11	13	15	23	25	59	59
2070	1	40	2	12	33	67	1	11	84	84					1	1	8	8
(91)	2	40	16	29	51	94	21	32	101	101	25	32	30	38	41	52	69	69
	3	40	6	20	35	77	24	33	95	95	35	44	42	52	53	80	84	84
	1	42	1	8	26	50	1	8	72	72							1	1
	2	42	8	19	46	87	12	19	98	98	12	14	16	19	24	31	51	51
	3	42	5	18	29	74	14	23	93	93	18	24	26	34	40	50	65	65
	1	44	1	5	20	38	1	5	57	57								
	2	44	4	16	40	80	4	16	93	93	6	6	8	8	8	10	27	27
	3	44	4	13	26	70	11	18	90	90	13	15	15	18	23	30	51	51
2070	1	40	1	3	11	25		2	46	46					1	1	4	4
(92)	2	40	23	27	29	55	11	11	90	90	11	12	17	17	32	32	54	54
	3	40	5	10	13	36	13	14	71	71	29	29	36	38	41	55	77	77
	1	42		2	5	21		2	29	29								
	2	42	9	11	24	47	6	7	78	78	7	7	8	9	13	13	25	25
	3	42	4	7	13	31	7	9	66	66	13	13	23	24	27	29	56	56
	1	44			5	13			15	15								
	2	44	3	5	19	38	2	4	65	65	4	4	4	4	6	6	13	13
	3	44	1	4	11	28	5	7	62	62	5	5	6	6	14	15	32	32
2070	1	40	4	8	37	56	2	6	66	66			2	2	3	3	9	9
(93)	2	40	22	38	51	74	19	26	97	97	21	23	29	31	39	46	61	61
	3	40	12	23	30	57	19	25	82	82	33	40	44	51	50	74	82	82
	1	42	1	6	29	49	1	6	59	59							1	1
	2	42	16	28	48	68	12	18	88	88	10	12	15	16	21	23	37	37
	3	42	8	17	29	55	12	17	77	77	16	19	25	31	36	43	66	66
	1	44		3	22	41		3	46	46								
	2	44	9	18	43	63	6	12	76	76	6	6	7	8	12	12	22	22
	3	44	6	14	27	53	10	14	73	73	11	13	11	13	21	27	48	48
2070	1	40	4	8	24	57	4	8	74	74					1	1	2	2
(94)	2	40	15	21	42	85	15	22	102	102	22	25	25	30	35	40	60	60
	3	40	3	12	30	70	21	27	96	96	26	38	34	46	43	72	84	84
	1	42	2	7	19	42	2	7	58	58							1	1
	2	42	11	16	37	77	6	13	96	96	9	13	10	14	22	25	36	36
	3	42	3	11	27	60	10	17	92	92	19	25	21	29	30	42	63	63
	1	44	2	5	14	33	2	5	45	45								
	2	44	7	13	32	71	4	11	84	84	3	3	3	4	6	10	25	25
	3	44	3	7	24	57	6	10	86	86	8	11	14	17	21	29	40	40
2070	1	40	1	5	17	34	1	5	54	54								
(95)	2	40	3	13	28	55	12	21	89	89	9	14	15	20	28	38	45	45
	3	40	2	7	18	44	15	19	73	73	18	25	22	32	32	52	60	60
	1	42		4	16	29		4	39	39								
	2	42	2	9	25	50	3	10	79	79	2	4	5	7	11	16	31	31
	3	42	1	5	17	38	9	12	65	65	11	15	16	22	26	35	39	39
	1	44		2	12	25		2	26	26								
	2	44	2	6	20	44	2	6	67	67					2	4	14	14
	3	44		5	12	36	1	6	61	61	3	6	7	10	15	19	32	32

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(16a)

City	Sydney	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		6	26	42		6	54	54								
(96)	2	40	5	15	29	58	8	17	88	88	9	15	16	21	22	35	43	43
	3	40		5	20	44	6	10	75	75	14	23	22	35	31	55	60	60
	1	42		5	20	36		5	42	42								
	2	42	3	11	28	49	4	12	80	80	3	3	4	8	6	11	25	25
	3	42		4	16	41	4	7	72	72	6	10	9	15	18	31	39	39
	1	44		2	14	27		2	33	33								
	2	44	1	6	27	47	1	6	71	71			1	1	1	1	9	9
	3	44		3	16	40	2	5	66	66	2	3	3	6	9	15	26	26
2070	1	40	2	8	22	51	2	8	78	78							3	3
(97)	2	40	6	19	32	75	22	31	108	108	14	21	20	28	32	44	70	70
	3	40	2	13	24	61	22	31	96	96	24	34	33	45	50	84	87	87
	1	42	1	6	20	37	1	6	63	63								
	2	42	4	14	29	69	7	16	98	98	6	10	13	17	20	27	47	47
	3	42	2	11	20	55	12	20	90	90	15	20	20	28	33	46	70	70
	1	44		4	18	28		4	42	42								
	2	44	3	12	25	66	4	12	90	90			1	2	8	11	21	21
	3	44	1	9	19	49	5	12	85	85	9	10	13	16	21	29	48	48
2070	1	40	2	12	40	66	2	12	87	87					1	1	7	7
(98)	2	40	4	29	53	87	21	39	115	115	29	36	38	48	49	63	77	77
	3	40	3	23	36	68	26	41	109	109	33	53	41	61	55	82	98	98
	1	42		5	33	56		5	73	73								
	2	42	2	24	48	80	8	28	101	101	13	14	18	21	25	34	57	57
	3	42	2	15	36	61	17	28	101	101	16	27	23	35	42	61	71	71
	1	44		2	25	48		2	59	59								
	2	44	2	20	46	70	4	21	97	97	3	3	8	8	11	12	31	31
	3	44	2	13	33	59	9	19	92	92	11	16	15	22	22	33	57	57
2070	1	40		1	21	44		1	74	74							1	1
(99)	2	40	2	10	37	66	8	15	101	101	24	24	30	32	40	45	70	70
	3	40	1	8	23	50	19	23	99	99	29	38	38	46	51	71	94	94
	1	42		1	14	37		1	56	56								
	2	42	1	5	31	61	2	5	94	94	6	6	11	11	18	19	44	44
	3	42		4	20	47	6	10	89	89	19	22	23	27	33	41	65	65
	1	44			4	31			34	34								
	2	44	1	4	28	53		3	88	88					3	3	17	17
	3	44		4	18	43	2	6	83	83	7	8	14	16	19	23	48	48
2070	1	40	1	9	29	53	1	9	73	73							7	7
(00)	2	40	6	24	40	72	17	31	101	101	16	22	20	28	34	46	75	75
	3	40	3	22	29	59	21	32	91	91	20	36	28	44	48	77	92	92
	1	42		7	27	45		7	55	55								
	2	42	5	18	36	65	10	21	93	93	7	11	9	15	15	20	38	38
	3	42	3	16	28	57	13	24	85	85	12	22	17	27	31	46	66	66
	1	44		5	22	34		5	45	45								
	2	44	3	14	32	59	5	15	83	83	1	1	3	3	8	12	22	22
	3	44	3	11	27	52	6	13	78	78	7	10	10	15	19	28	42	42
2070	1	40		4	22	52	1	4	68	68			1	1	1	1	10	10
(01)	2	40	2	17	36	71	23	30	112	112	28	29	34	36	45	52	70	70
	3	40	1	14	23	52	30	34	100	100	35	37	46	55	59	79	79	79
	1	42		3	19	39		3	55	55							1	1
	2	42		14	33	64	11	19	99	99	16	16	20	20	31	32	48	48
	3	42	1	10	22	48	23	26	94	94	25	26	27	30	41	49	67	67
	1	44			15	31			43	43								
	2	44		10	31	61	4	11	91	91	9	9	12	12	14	14	28	28
	3	44		7	22	47	13	17	90	90	18	18	22	24	31	34	51	51

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(17)

City	Sydney	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	5	8		2	11	12								
(90)	2	40	2	2	7	15	2	2	23	24								
	3	40		1	5	9		1	17	17								
	1	42		1	5	6		1	7	7								
	2	42	1	2	6	13	1	2	19	21								
	3	42		1	3	8		1	16	16								
	1	44			2	3			2	3								
	2	44	1	2	5	10	1	2	13	14								
	3	44		1	3	7		1	14	14								
2070	1	40		1	5	14		1	14	18								
(91)	2	40		1	12	22		1	29	32								
	3	40		1	6	15		1	28	28								
	1	42			2	8			8	11								
	2	42		1	10	19		1	25	27								
	3	42			4	14			24	26								
	1	44			1	6			1	6								
	2	44		1	7	16		1	18	21								
	3	44			4	12			17	19								
2070	1	40				2			5	5								
(92)	2	40			3	5			11	11								
	3	40				3			9	9								
	1	42				2			4	5								
	2	42			2	5			9	9								
	3	42				3			8	8								
	1	44																
	2	44			2	2			8	8								
	3	44				3			6	6								
2070	1	40			6	11			16	17								
(93)	2	40			11	20			28	28								
	3	40			6	11			18	18								
	1	42			4	8			11	12								
	2	42			11	20			24	25								
	3	42			5	10			16	16								
	1	44			2	5			3	6								
	2	44			8	17			21	22								
	3	44			5	10			16	16								
2070	1	40			7	10			12	12								
(94)	2	40		2	10	13		2	26	26								
	3	40		1	3	8		1	19	19								
	1	42			6	9			5	8								
	2	42		2	9	13		2	21	22								
	3	42		1	2	7		1	18	18								
	1	44			3	7			2	6								
	2	44			8	13			18	19								
	3	44		1	2	7		1	16	17								
2070	1	40			2	6			7	8								
(95)	2	40			5	13			16	18								
	3	40			3	6			13	13								
	1	42			2	4			2	4								
	2	42			4	12			12	16								
	3	42			3	5			8	9								
	1	44				3				3								
	2	44			4	7			11	11								
	3	44			2	5			6	7								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(17)

City	Sydney	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			2	6			7	8								
(96)	2	40			6	17			20	23								
	3	40			2	5			9	10								
	1	42				5				5								
	2	42			5	14			15	19								
	3	42			2	4			7	8								
	1	44				4				4								
	2	44			5	8			12	13								
	3	44			1	4			6	7								
2070	1	40			4	11			11	16								
(97)	2	40		1	7	19		1	23	23								
	3	40			4	11			19	19								
	1	42			2	6			6	7								
	2	42			6	18			21	21								
	3	42			4	10			16	16								
	1	44			1	5			1	5								
	2	44			6	13			17	19								
	3	44			3	10			15	15								
2070	1	40			2	17			20	26								
(98)	2	40			7	28			44	45								
	3	40			5	15			30	30								
	1	42			2	7			6	11								
	2	42			5	25			38	41								
	3	42			5	14			29	29								
	1	44				2				2								
	2	44			4	23			34	37								
	3	44			3	13			27	27								
2070	1	40				3			8	10								
(99)	2	40			1	8			23	24								
	3	40			2	4			16	16								
	1	42				1			1	1								
	2	42			1	4			21	22								
	3	42				4			14	15								
	1	44																
	2	44			1	4			15	16								
	3	44				4			12	13								
2070	1	40			5	11			16	17								
(00)	2	40			8	25			27	30								
	3	40			3	16			25	27								
	1	42			1	8			6	10								
	2	42			7	21			25	27								
	3	42			3	12			23	25								
	1	44				5				5								
	2	44			7	17			19	23								
	3	44			3	12			20	22								
2070	1	40				6			15	16								
(01)	2	40			3	17			26	26								
	3	40			2	10			21	21								
	1	42				3			7	8								
	2	42			3	15			23	23								
	3	42			2	9			19	19								
	1	44				1			1	1								
	2	44			2	14			19	21								
	3	44			1	8			17	18								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(17a)

City	Sydney	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		2	5	13		2	11	11								
(90)	2	40	2	2	8	20	2	2	23	23								
	3	40		2	6	12		2	17	17								
	1	42		2	5	10		2	7	6								
	2	42	2	2	6	18	2	2	19	19								
	3	42		2	5	11		2	16	16								
	1	44		2	3	4		2	3	1								
	2	44	1	2	6	15	1	2	13	13								
	3	44		2	4	10		2	14	14								
2070	1	40		1	6	17		1	14	13								
(91)	2	40	1	1	16	28	1	1	30	29								
	3	40		1	6	19		1	28	28								
	1	42		1	2	15		1	8	8								
	2	42		1	12	25		1	25	24								
	3	42		1	6	16		1	24	24								
	1	44			1	9			1	1								
	2	44		1	8	21		1	19	18								
	3	44		1	4	16		1	17	17								
2070	1	40				5			5	5								
(92)	2	40			3	8			11	11								
	3	40				7			9	9								
	1	42				2			4	4								
	2	42			2	5			9	9								
	3	42				7			8	8								
	1	44				2												
	2	44			2	5			8	8								
	3	44				5			6	6								
2070	1	40			6	20			16	15								
(93)	2	40		2	12	30		2	28	28								
	3	40			6	14			18	18								
	1	42			4	12			11	11								
	2	42		1	11	24		1	24	24								
	3	42			6	14			16	16								
	1	44			3	7			4	3								
	2	44			10	22			21	20								
	3	44			5	13			16	16								
2070	1	40		2	8	13		2	12	11								
(94)	2	40		3	10	18		3	26	26								
	3	40		1	4	13		1	19	19								
	1	42			6	12			5	3								
	2	42		2	10	17		2	21	21								
	3	42		1	2	11		1	18	18								
	1	44			4	9			3	1								
	2	44		2	9	15		2	18	18								
	3	44		1	2	10		1	16	16								
2070	1	40			3	12			7	7								
(95)	2	40			6	17			16	16								
	3	40			3	8			13	13								
	1	42			2	6			2									
	2	42			5	16			12	12								
	3	42			3	7			8	8								
	1	44				5												
	2	44			4	15			11	11								
	3	44			3	7			6	6								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(17a)

City	Sydney	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	14			8	5								
(96)	2	40			6	24			20	20								
	3	40			3	9			9	9								
	1	42			1	6			1									
	2	42			6	21			15	15								
	3	42			2	8			7	7								
	1	44				6												
	2	44			5	17			12	10								
	3	44			2	5			6	6								
2070	1	40			6	18			11	10								
(97)	2	40		1	10	21		1	23	23								
	3	40			6	15			19	19								
	1	42			3	12			6	4								
	2	42		1	7	21		1	21	21								
	3	42			5	14			16	16								
	1	44			2	7			2									
	2	44		1	6	20		1	17	17								
	3	44			4	14			15	15								
2070	1	40			2	25			20	19								
(98)	2	40			16	40			44	44								
	3	40		1	10	26		1	30	30								
	1	42			2	19			6	5								
	2	42			8	37			39	38								
	3	42			7	23			29	29								
	1	44				7												
	2	44			5	31			34	34								
	3	44			4	22			27	26								
2070	1	40				4			8	8								
(99)	2	40			2	20			23	23								
	3	40			3	13			16	16								
	1	42				3			1	1								
	2	42			1	16			21	21								
	3	42			2	10			14	14								
	1	44				1												
	2	44			1	10			15	15								
	3	44			2	7			12	12								
2070	1	40			5	21			16	15								
(00)	2	40			10	27			27	27								
	3	40			8	24			25	25								
	1	42			3	13			7	6								
	2	42			8	27			25	25								
	3	42			4	24			23	23								
	1	44				8												
	2	44			7	26			19	19								
	3	44			3	20			20	20								
2070	1	40			1	15			15	15								
(01)	2	40			4	21			26	26								
	3	40			5	15			21	21								
	1	42				10			7	7								
	2	42			3	19			23	22								
	3	42			4	15			19	19								
	1	44				3			1	1								
	2	44			3	18			20	19								
	3	44			2	13			17	17								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(18)

City	Sydney	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	2	13	22	2	2	29	31								
(90)	2	40	2	3	26	39	2	3	60	61							1	1
	3	40	2	2	10	24	2	2	49	50							1	1
	1	42	2	2	6	14	2	2	21	23								
	2	42	2	3	22	33	2	3	46	48								
	3	42	1	2	8	21	1	2	44	44								
	1	44	1	2	5	10	1	2	12	13								
	2	44	2	3	18	26	2	3	37	39								
	3	44	1	2	8	17	1	2	38	39								
2070	1	40	1	1	17	26	1	1	40	42								
(91)	2	40	1	3	24	37	1	3	71	71							1	1
	3	40	1	1	17	26	1	1	65	65							3	3
	1	42		1	10	21		1	27	30								
	2	42	1	1	20	34	1	1	67	67							1	1
	3	42	1	1	15	22	1	1	62	62							1	1
	1	44		1	6	15		1	17	20								
	2	44	1	1	19	31	1	1	57	57								
	3	44		1	12	21		1	54	55							1	1
2070	1	40			3	5			12	12								
(92)	2	40			5	13			28	28								
	3	40			3	11			25	26								
	1	42			3	5			10	10								
	2	42			5	12			21	22								
	3	42			3	8			19	19								
	1	44				2			6	6								
	2	44			3	9			15	15								
	3	44			3	8			18	18								
2070	1	40		1	14	25		1	36	38								
(93)	2	40		2	26	43		2	58	58							1	1
	3	40		1	13	23		1	43	44							3	3
	1	42			11	20			26	26								
	2	42		2	22	36		2	55	56							1	1
	3	42		1	11	20		1	38	38							1	1
	1	44			7	14			20	21								
	2	44		2	19	32		2	46	47								
	3	44		1	11	17		1	34	34								
2070	1	40		2	10	17		2	32	33								
(94)	2	40	2	5	17	30	2	5	57	57							1	1
	3	40	1	2	9	21	1	2	54	54							1	1
	1	42		2	9	13		2	23	24								
	2	42	2	4	16	26	2	4	50	50								
	3	42	1	1	9	18	1	1	47	47							1	1
	1	44			8	12			16	17								
	2	44	1	3	14	21	1	3	45	45								
	3	44	1	1	9	17	1	1	41	41							1	1
2070	1	40			6	16			21	22								
(95)	2	40		2	13	21		2	37	39								
	3	40			6	11			33	33								
	1	42			4	12			16	18								
	2	42		2	12	18		2	33	34								
	3	42			5	11			28	28								
	1	44			3	6			10	10								
	2	44		1	7	17		1	26	26								
	3	44			5	9			25	25								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(18)

City	Sydney	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	20			28	31								
(96)	2	40		1	17	26		1	41	41								
	3	40			5	14			24	26								
	1	42			5	15			17	20								
	2	42			14	26			38	38								
	3	42			4	12			23	24								
	1	44			4	6			10	11								
	2	44			8	26			33	35								
	3	44			4	9			21	21								
2070	1	40		1	11	21		1	30	30								
(97)	2	40	1	4	19	27	1	4	63	64								
	3	40			11	19			50	50								
	1	42			6	19			22	22								
	2	42		2	18	23		2	54	55								
	3	42			10	19			44	44								
	1	44			5	12			16	19								
	2	44		2	13	22		2	42	42								
	3	44			10	19			37	37								
2070	1	40			17	35			52	52								
(98)	2	40		2	28	46		2	71	71								
	3	40		2	16	30		2	62	62							1	1
	1	42			7	26			41	43								
	2	42		2	25	42		2	64	64								
	3	42		2	14	29		2	58	58								
	1	44			2	20			30	35								
	2	44		2	23	40		2	59	59								
	3	44		2	13	29		2	53	53								
2070	1	40			3	15			28	29								
(99)	2	40			8	30			55	57								
	3	40			4	17			41	41								
	1	42			1	7			23	24								
	2	42			4	26			45	45								
	3	42			4	15			38	38								
	1	44				3			12	14								
	2	44			4	20			34	34								
	3	44			4	13			37	37								
2070	1	40			12	27			36	36								
(00)	2	40		4	25	33		4	55	55								
	3	40		1	16	26		1	54	54								
	1	42			8	21			27	29								
	2	42		3	22	29		3	52	52								
	3	42		1	13	25		1	47	47								
	1	44			5	14			17	20								
	2	44		1	18	29		1	45	45								
	3	44			13	25			41	41								
2070	1	40			6	19			33	34								
(01)	2	40			17	29			55	55							1	1
	3	40			10	19			45	45							1	1
	1	42			3	15			23	23								
	2	42			15	25			50	50								
	3	42			10	19			42	43							1	1
	1	44			1	10			19	20								
	2	44			14	22			43	43								
	3	44			9	18			39	40								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(18a)

City	Sydney	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	2	3	15	30	2	3	29	29								
(90)	2	40	2	3	28	41	2	3	60	60							1	1
	3	40	2	3	11	32	2	3	49	49							1	1
	1	42	2	2	7	18	2	2	21	21								
	2	42	2	3	23	37	2	3	46	46								
	3	42	2	3	11	30	2	3	44	44								
	1	44	1	2	5	14	1	2	12	12								
	2	44	2	3	20	33	2	3	37	37								
	3	44	1	3	9	27	1	3	38	38								
2070	1	40	1	1	19	34	1	1	40	40								
(91)	2	40	1	8	26	49	1	8	71	71							1	1
	3	40	1	2	18	38	1	2	65	65							3	3
	1	42	1	1	12	26	1	1	27	26								
	2	42	1	6	23	43	1	6	67	67							1	1
	3	42	1	1	17	36	1	1	62	62							1	1
	1	44		1	8	20		1	18	17								
	2	44	1	5	20	38	1	5	57	57								
	3	44	1	1	14	30	1	1	54	54							1	1
2070	1	40			3	12			12	12								
(92)	2	40		2	5	21		2	28	28								
	3	40			5	15			25	25								
	1	42			3	5			10	10								
	2	42			5	19			21	21								
	3	42			3	15			19	19								
	1	44			2	5			6	6								
	2	44			5	13			15	15								
	3	44			3	13			18	18								
2070	1	40		2	16	35		2	36	36								
(93)	2	40	1	6	29	49	1	6	58	58							1	1
	3	40		3	14	32		3	43	43							3	3
	1	42		2	11	27		2	26	26								
	2	42		4	23	45		4	55	55							1	1
	3	42		3	12	27		3	38	38							1	1
	1	44			8	21			20	19								
	2	44		3	22	41		3	46	46								
	3	44		2	12	26		2	34	34								
2070	1	40		4	12	24		4	32	32								
(94)	2	40	2	7	19	42	2	7	57	57							1	1
	3	40	1	2	10	32	1	2	54	54							1	1
	1	42		3	10	18		3	23	23								
	2	42	2	6	16	39	2	6	50	50								
	3	42	1	2	10	29	1	2	47	47							1	1
	1	44		2	8	13		2	16	16								
	2	44	2	5	14	33	2	5	45	45								
	3	44	1	2	9	26	1	2	41	41							1	1
2070	1	40		2	6	18		2	21	21								
(95)	2	40		4	16	29		4	37	37								
	3	40		2	7	20		2	33	33								
	1	42			5	17			16	16								
	2	42		3	13	28		3	33	33								
	3	42		2	7	19		2	28	28								
	1	44			4	13			10	10								
	2	44		2	12	25		2	26	26								
	3	44		1	6	17		1	25	25								

APPENDIX - 9
(Predicted dangerous days for projected 2070 conditions)

Table - 9(18a)

City	Sydney	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	26			28	28								
(96)	2	40		5	20	36		5	41	41								
	3	40		1	5	22		1	24	24								
	1	42			6	22			17	17								
	2	42		5	17	28		5	38	38								
	3	42			5	20			23	23								
	1	44			5	17			11	8								
	2	44		2	14	27		2	33	33								
	3	44			4	16			21	21								
2070	1	40		2	13	23		2	30	30								
(97)	2	40	1	6	20	36	1	6	63	63								
	3	40		3	13	26		3	50	50								
	1	42		1	8	21		1	22	22								
	2	42	1	6	19	32	1	6	54	54								
	3	42		3	12	24		3	44	44								
	1	44		1	6	19		1	16	15								
	2	44		4	18	28		4	42	42								
	3	44		2	11	20		2	37	37								
2070	1	40		2	20	42		2	52	52								
(98)	2	40		5	33	56		5	71	71								
	3	40		3	22	41		3	62	62							1	1
	1	42			11	39			41	41								
	2	42		3	29	53		3	64	64								
	3	42		3	19	36		3	58	58								
	1	44			4	28			31	30								
	2	44		2	25	48		2	59	59								
	3	44		3	15	36		3	53	53								
2070	1	40			3	26			28	28								
(99)	2	40		1	14	37		1	55	55								
	3	40			5	28			41	41								
	1	42			1	17			23	23								
	2	42			8	37			45	45								
	3	42			5	23			38	38								
	1	44			1	8			12	12								
	2	44			4	31			34	34								
	3	44			4	22			37	37								
2070	1	40		3	16	29		3	36	36								
(00)	2	40		7	27	45		7	55	55								
	3	40		3	20	33		3	54	54								
	1	42			8	27			27	27								
	2	42		6	25	40		6	52	52								
	3	42		3	17	30		3	47	47								
	1	44			7	25			17	17								
	2	44		5	22	34		5	45	45								
	3	44		3	14	29		3	41	41								
2070	1	40			10	25			33	33								
(01)	2	40		3	19	36		3	55	55							1	1
	3	40		1	13	26		1	45	45							1	1
	1	42			4	20			23	23								
	2	42		2	17	34		2	50	50								
	3	42		1	11	23		1	42	42							1	1
	1	44			3	17			20	19								
	2	44			15	31			43	43								
	3	44		1	10	21		1	39	39								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(1)

City	Townsville	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			20	57			143	143								
(90)	2	40			47	135			195	196								
	3	40			35	116			186	186								
	1	42			9	24			103	108								
	2	42			37	125			184	185								
	3	42			24	109			174	174								
	1	44			2	10			36	43								
	2	44			28	103			166	166								
	3	44			17	105			171	171								
2070	1	40			21	38			138	139								
(91)	2	40			49	122			193	197								
	3	40			37	98			190	193								
	1	42			16	23			81	84								
	2	42			44	108			173	179								
	3	42			29	89			177	181								
	1	44			9	12			42	43								
	2	44			34	67			156	158								
	3	44			21	77			161	165								
2070	1	40			15	49			139	142								
(92)	2	40			51	132			213	215								
	3	40			40	117			213	213								
	1	42			7	16			99	100								
	2	42			38	123			197	200								
	3	42			29	109			196	197								
	1	44			2	3			58	59								
	2	44			25	93			176	179								
	3	44			24	104			178	180								
2070	1	40			8	23			130	130								
(93)	2	40			20	94			183	184								
	3	40			13	76			187	187								
	1	42			3	11			77	79								
	2	42			17	80			175	176								
	3	42			9	67			176	176								
	1	44			2	6			16	20								
	2	44			11	48			159	159								
	3	44			7	65			171	171								
2070	1	40	1	1	22	46	1	1	127	130								
(94)	2	40	1	1	37	123	1	1	190	191							1	1
	3	40		1	29	106		1	185	186								
	1	42	1	1	17	24	1	1	87	89								
	2	42	1	1	29	103	1	1	174	176								
	3	42		1	26	95		1	181	183								
	1	44		1	11	14		1	52	52								
	2	44	1	1	28	66	1	1	163	165								
	3	44		1	20	89		1	171	172								
2070	1	40		1	10	39		1	168	170								
(95)	2	40		2	32	152		2	207	211								
	3	40		2	29	139		2	208	210								
	1	42			5	16			119	121								
	2	42		1	25	140		1	202	206								
	3	42		2	22	130		2	199	202								
	1	44			4	7			57	59								
	2	44		1	19	89		1	191	195								
	3	44		1	19	119		1	190	194								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(1)

City	Townsville	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	41			170	172								
(96)	2	40			24	155			217	217								
	3	40			19	141			215	216								
	1	42			2	10			123	126								
	2	42			15	145			205	207								
	3	42			11	127			206	207								
	1	44			1	2			36	37								
	2	44			12	110			195	197								
	3	44			8	116			197	198								
2070	1	40			3	19			124	125								
(97)	2	40			13	105			186	186								
	3	40			9	92			182	182								
	1	42			1	2			85	85								
	2	42			8	95			166	166								
	3	42			6	81			167	167								
	1	44			1	1			34	34								
	2	44			5	50			153	153								
	3	44			4	72			160	160								
2070	1	40			11	38			181	181								
(98)	2	40			36	145			237	237								
	3	40			27	136			233	233								
	1	42			2	4			143	143								
	2	42			26	132			217	217								
	3	42			17	116			221	221								
	1	44				1			73	73								
	2	44			20	85			198	198								
	3	44			12	102			213	213								
2070	1	40			8	22			134	134								
(99)	2	40			27	106			193	194								
	3	40			21	89			190	191								
	1	42			3	6			101	101								
	2	42			21	95			180	181								
	3	42			13	84			180	181								
	1	44				1			45	45								
	2	44			15	61			158	159								
	3	44			5	75			170	170								
2070	1	40			4	15			135	137								
(00)	2	40			19	87			205	207								
	3	40			11	74			198	200								
	1	42			1	4			80	81								
	2	42			13	67			194	196								
	3	42			9	62			191	192								
	1	44							30	30								
	2	44			6	36			171	174								
	3	44			4	51			179	180								
2070	1	40			7	49			165	167								
(01)	2	40			31	154			213	213								
	3	40			26	135			208	209								
	1	42			5	14			105	107								
	2	42			21	141			203	204								
	3	42			12	123			203	204								
	1	44			2	3			44	44								
	2	44			12	93			195	197								
	3	44			9	114			196	197								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(1a)

City	Townsville	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			20	120			143	143								
(90)	2	40		2	63	166		2	195	195								
	3	40		1	59	145		1	186	186								
	1	42			14	73			107	103								
	2	42		1	45	150		1	184	184								
	3	42			38	137			174	174								
	1	44			3	23			36	36								
	2	44			34	137			166	166								
	3	44			26	132			171	171								
2070	1	40			25	103			138	138								
(91)	2	40			54	160			193	193								
	3	40			38	148			191	190								
	1	42			16	40			81	81								
	2	42			45	148			173	173								
	3	42			32	135			177	177								
	1	44			9	17			42	42								
	2	44			36	135			157	156								
	3	44			25	123			161	161								
2070	1	40			15	121			139	139								
(92)	2	40		1	61	165		1	214	213								
	3	40		1	55	146		1	213	213								
	1	42			7	64			99	99								
	2	42			44	150			198	196								
	3	42			40	141			196	196								
	1	44			2	21			58	58								
	2	44			27	136			177	176								
	3	44			31	135			179	177								
2070	1	40			9	78			130	130								
(93)	2	40			25	155			183	183								
	3	40			21	132			187	187								
	1	42			4	26			78	77								
	2	42			18	133			175	175								
	3	42			13	126			176	176								
	1	44			2	10			16	16								
	2	44			13	107			159	159								
	3	44			10	114			171	171								
2070	1	40	1	1	23	103	1	1	127	127								
(94)	2	40	1	3	46	164	1	3	190	190							1	1
	3	40		3	41	153		3	185	185								
	1	42	1	1	17	50	1	1	87	87								
	2	42	1	3	35	152	1	3	174	174								
	3	42		3	33	142		3	181	181								
	1	44	1	1	12	26	1	1	52	52								
	2	44	1	1	29	136	1	1	163	163								
	3	44		1	24	130		1	171	171								
2070	1	40		1	12	140		1	168	168								
(95)	2	40	1	2	36	186	1	2	208	207								
	3	40		2	43	176		2	209	208								
	1	42		1	5	54		1	119	119								
	2	42		2	28	175		2	202	202								
	3	42		2	30	163		2	199	199								
	1	44			4	20			57	57								
	2	44		2	22	162		2	191	191								
	3	44		2	23	158		2	190	190								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(1a)

City	Townsville	Dress	Fully Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			7	145			170	170								
(96)	2	40			39	182			217	216								
	3	40			42	173			215	215								
	1	42			2	66			123	123								
	2	42			22	169			206	205								
	3	42			30	167			206	206								
	1	44			1	15			36	36								
	2	44			14	165			195	195								
	3	44			12	160			197	197								
2070	1	40			3	93			124	124								
(97)	2	40			18	145			186	186								
	3	40			19	126			182	182								
	1	42			1	23			85	85								
	2	42			11	127			166	166								
	3	42			10	115			167	167								
	1	44			1	4			34	34								
	2	44			5	111			153	153								
	3	44			8	110			160	160								
2070	1	40			12	132			181	181								
(98)	2	40			41	175			237	237								
	3	40			42	169			233	233								
	1	42			2	47			143	143								
	2	42			27	164			217	217								
	3	42			30	158			221	221								
	1	44				7			73	73								
	2	44			20	156			198	198								
	3	44			18	151			213	213								
2070	1	40			8	93			134	134								
(99)	2	40			29	144			193	193								
	3	40			27	127			190	190								
	1	42			3	27			101	101								
	2	42			24	125			180	180								
	3	42			20	114			180	180								
	1	44				7			45	45								
	2	44			18	109			158	158								
	3	44			10	103			170	170								
2070	1	40			4	65			135	135								
(00)	2	40			22	138			205	205								
	3	40			18	118			198	198								
	1	42			1	16			80	80								
	2	42			13	123			194	194								
	3	42			10	107			191	191								
	1	44				3			30	30								
	2	44			9	100			171	171								
	3	44			5	95			179	179								
2070	1	40			8	139			165	165								
(01)	2	40			51	195			213	213								
	3	40			50	176			208	208								
	1	42			5	72			105	105								
	2	42			25	181			203	203								
	3	42			33	164			203	203								
	1	44			2	14			44	44								
	2	44			17	167			195	195								
	3	44			16	150			196	196								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(2)

City	Townsville	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			40	128			184	185								
(90)	2	40		3	114	171		3	228	229								
	3	40		2	109	151		2	218	218							2	2
	1	42			21	81			155	155								
	2	42		1	91	159		1	212	212								
	3	42			92	143			214	214								
	1	44			12	30			119	121								
	2	44			64	145			204	205								
	3	44			74	138			205	205								
2070	1	40			45	113			173	180								
(91)	2	40			83	164			242	244							3	3
	3	40	2	2	79	151			242	243					5	5	20	20
	1	42			27	46			150	152								
	2	42			65	151			226	227								
	3	42	1	1	59	138			230	230					1	1	4	4
	1	44			18	26			106	108								
	2	44			55	143			211	212								
	3	44			50	127			217	218							1	1
2070	1	40			39	126			199	202								
(92)	2	40		1	100	172		1	255	255			1	1	1	1	8	8
	3	40		1	100	148		1	252	252	3	3	3	3	4	4	21	21
	1	42			19	69			155	158								
	2	42			77	154			244	245							1	1
	3	42			81	142			244	244							10	10
	1	44			9	26			119	121								
	2	44			59	140			229	230								
	3	44			68	139			232	232							2	2
2070	1	40			18	83			176	177								
(93)	2	40			56	159			229	229							1	1
	3	40			59	134			233	233							4	4
	1	42			10	32			142	142								
	2	42			37	142			213	215								
	3	42			43	128			220	220							2	2
	1	44			6	13			97	98								
	2	44			27	114			198	199								
	3	44			30	125			207	207								
2070	1	40	1	1	30	107	1	1	177	179								
(94)	2	40	3	4	76	172	1	3	223	224	2	2	2	2	4	4	9	9
	3	40	1	3	79	153	1	3	223	225	2	2	2	2	5	5	26	26
	1	42	1	1	24	54	1	1	145	148								
	2	42	1	3	61	158	1	3	213	214					1	1	4	4
	3	42		3	61	145		3	214	215			1	1	1	1	9	9
	1	44	1	1	19	33	1	1	100	102								
	2	44	1	1	47	137	1	1	203	203							1	1
	3	44		2	53	135		1	202	204							4	4
2070	1	40		1	25	144		1	202	207								
(95)	2	40	1	2	79	186	1	2	249	250	1	1	2	2	3	3	9	9
	3	40	1	2	100	177	1	2	252	252	3	3	3	3	4	4	22	22
	1	42		1	15	55		1	180	182								
	2	42	1	2	54	175	1	2	236	237							3	3
	3	42		2	71	168		2	242	242							8	8
	1	44			6	21			137	139								
	2	44	1	2	39	163	1	2	222	223								
	3	44		2	54	158		2	229	230							1	1

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(2)

City	Townsville	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			17	150			209	210								
(96)	2	40			101	185			254	254							1	1
	3	40			112	173			254	254							5	5
	1	42			6	71			182	184								
	2	42			70	175			245	246								
	3	42			88	168			244	244								
	1	44			2	16			149	152								
	2	44			35	165			227	227								
	3	44			63	163			233	233								
2070	1	40			9	97			167	167								
(97)	2	40			56	152			226	226								
	3	40			67	128			230	230			1	1	3	3	6	6
	1	42			3	25			139	140								
	2	42			34	133			219	219								
	3	42			40	117			222	222							2	2
	1	44			1	4			95	96								
	2	44			18	116			202	202								
	3	44			32	116			212	212								
2070	1	40			29	135			219	219								
(98)	2	40			94	180	1	1	276	276							3	3
	3	40			95	170			277	277	1	1	1	1	3	3	17	17
	1	42			14	56			191	191								
	2	42			67	168			266	266							1	1
	3	42			75	163			264	264							5	5
	1	44			4	10			155	155								
	2	44			42	159			249	249								
	3	44			56	156			255	255								
2070	1	40			22	99			180	181								
(99)	2	40			66	149			238	239								
	3	40			70	129			235	235							14	14
	1	42			10	35			148	149								
	2	42			43	132			224	225								
	3	42			55	117			222	223							1	1
	1	44			4	12			117	117								
	2	44			34	115			204	205								
	3	44			37	107			211	212								
2070	1	40			14	77			195	197								
(00)	2	40			47	144			239	240								
	3	40			47	119			236	236					1	1	6	6
	1	42			6	21			150	153								
	2	42			32	127			227	230								
	3	42			31	111			231	231							2	2
	1	44			1	4			94	95								
	2	44			24	105			213	216								
	3	44			25	103			220	222								
2070	1	40			22	144			204	205								
(01)	2	40			97	200			245	248							2	2
	3	40			102	176			241	243	1	1	2	2	3	3	16	16
	1	42			8	76			181	183								
	2	42			74	183			236	236								
	3	42			76	167			234	236							4	4
	1	44			5	17			129	130								
	2	44			46	171			226	226								
	3	44			63	152			225	225							2	2

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(2a)

City	Townsville	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	49	153		1	184	184								
(90)	2	40		8	136	200		8	228	228								
	3	40		7	118	181		7	218	218							2	2
	1	42			22	128			155	155								
	2	42		8	115	185		8	212	212								
	3	42		4	108	169		4	214	214								
	1	44			16	92			121	118								
	2	44		5	86	173		5	204	204								
	3	44		4	92	161		4	205	205								
2070	1	40			46	148			173	173								
(91)	2	40		2	109	203		2	242	242							3	3
	3	40	2	3	86	184		1	242	242					5	5	20	20
	1	42			31	117			150	150								
	2	42			81	188			226	226								
	3	42	1	2	81	177		1	230	230					1	1	4	4
	1	44			18	58			106	106								
	2	44			60	173			211	211								
	3	44			63	170			217	217							1	1
2070	1	40			45	151			200	198								
(92)	2	40		1	128	216		1	255	255			1	1	1	1	8	8
	3	40		1	107	196		2	252	252	3	3	3	3	4	4	21	21
	1	42			21	127			155	155								
	2	42		1	98	194		1	244	244							1	1
	3	42		1	104	182		1	244	244							10	10
	1	44			9	87			119	119								
	2	44		1	72	176		1	229	228								
	3	44		1	86	168		1	232	232							2	2
2070	1	40			19	138			176	176								
(93)	2	40		4	80	186		4	229	229							1	1
	3	40		2	67	169		2	233	233							4	4
	1	42			12	89			142	142								
	2	42		1	56	174		1	213	213								
	3	42		1	61	164		1	220	220							2	2
	1	44			6	47			97	96								
	2	44		1	34	168		1	198	198								
	3	44			48	152			207	207								
2070	1	40	1	3	35	156	1	3	177	177								
(94)	2	40	3	6	110	200	1	6	223	223	2	2	2	2	4	4	9	9
	3	40	1	6	91	187	1	7	223	223	2	2	2	2	5	5	26	26
	1	42	1	1	26	121	1	1	146	145								
	2	42	1	5	73	186	1	5	213	213					1	1	4	4
	3	42	1	6	84	172	1	7	214	214			1	1	1	1	9	9
	1	44	1	1	20	64	1	1	100	100								
	2	44	1	3	55	173	1	3	203	203							1	1
	3	44	1	5	67	169	1	4	202	202							4	4
2070	1	40	1	2	28	175	1	2	202	202								
(95)	2	40	1	4	137	213	1	4	249	249	1	1	2	2	3	3	9	9
	3	40	1	6	122	193	1	6	252	252	3	3	3	3	4	4	22	22
	1	42		2	16	151		2	180	180								
	2	42	1	2	87	202	1	2	236	236							3	3
	3	42	1	2	112	186	1	2	242	242							8	8
	1	44		1	6	75		1	137	137								
	2	44	1	2	54	193	1	2	222	222								
	3	44	1	2	80	182	1	2	229	229							1	1

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(2a)

City	Townsville	Dress	Fully Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			23	174			210	209								
(96)	2	40		1	145	218		1	254	254							1	1
	3	40		2	123	201		2	254	254							5	5
	1	42			9	154			182	182								
	2	42		1	113	208		1	245	245								
	3	42		1	118	192		1	244	244								
	1	44			3	96			149	149								
	2	44			66	201			227	227								
	3	44			96	187			233	233								
2070	1	40			11	131			167	167								
(97)	2	40			94	187			226	226								
	3	40			78	167			230	230			1	1	3	3	6	6
	1	42			3	103			139	139								
	2	42			57	174			219	219								
	3	42			65	155			222	222							2	2
	1	44			1	40			95	95								
	2	44			30	159			202	202								
	3	44			51	142			212	212								
2070	1	40			30	165			219	219								
(98)	2	40		1	137	215	1	2	276	276							3	3
	3	40			111	204			277	277	1	1	1	1	3	3	17	17
	1	42			15	142			191	191								
	2	42			95	204			266	266							1	1
	3	42			99	195			264	264							5	5
	1	44			4	73			155	155								
	2	44			59	189			249	249								
	3	44			80	186			255	255								
2070	1	40			25	130			180	180								
(99)	2	40		1	97	195		1	238	238								
	3	40			81	174			235	235							14	14
	1	42			10	103			148	148								
	2	42			67	177			224	224								
	3	42			71	161			222	222							1	1
	1	44			4	50			117	117								
	2	44			41	159			204	204								
	3	44			61	146			211	211								
2070	1	40			14	127			195	195								
(00)	2	40			69	183			239	239								
	3	40			56	164			236	236					1	1	6	6
	1	42			7	79			151	150								
	2	42			44	167			227	227								
	3	42			50	153			231	231							2	2
	1	44			1	30			94	94								
	2	44			30	152			213	213								
	3	44			38	137			220	220								
2070	1	40			25	182			204	204								
(01)	2	40		1	142	225		1	245	245							2	2
	3	40		1	116	206		1	241	241	1	1	2	2	3	3	16	16
	1	42			10	151			181	181								
	2	42			97	211			236	236								
	3	42			105	193			234	234							4	4
	1	44			5	87			129	129								
	2	44			74	204			226	226								
	3	44			90	185			225	225							2	2

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(3)

City	Townsville	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			41	131			187	188								
(90)	2	40		4	118	174		4	231	232								
	3	40		2	109	151		2	220	220							3	3
	1	42			24	94			157	157								
	2	42		1	100	163		1	217	217								
	3	42			97	146			215	215								
	1	44			14	34			126	127								
	2	44			65	148			208	208								
	3	44			80	140			209	209								
2070	1	40			45	113			178	184								
(91)	2	40	1	1	84	169			245	247					3	3	4	4
	3	40	2	2	82	157	1	1	244	245					5	5	26	26
	1	42			30	52			152	154								
	2	42			68	158			231	233								
	3	42	1	1	64	140			235	235					1	1	8	8
	1	44			19	28			110	112								
	2	44			57	143			216	217								
	3	44			54	130			223	224							1	1
2070	1	40			41	127			203	205								
(92)	2	40		1	107	175		1	258	258	1	1	2	2	4	4	9	9
	3	40		1	103	149		1	258	258	3	3	3	3	5	5	27	27
	1	42			19	80			159	162								
	2	42			78	157			250	251							2	2
	3	42			84	144			248	248					1	1	12	12
	1	44			10	31			123	125								
	2	44			63	140			231	232								
	3	44			70	139			235	235							3	3
2070	1	40			19	88			176	177								
(93)	2	40	1	2	57	162		1	234	234							3	3
	3	40			60	141			235	235							5	5
	1	42			10	35			150	150								
	2	42			39	145			219	220								
	3	42			46	131			222	222							2	2
	1	44			6	14			102	103								
	2	44			28	119			200	202								
	3	44			31	126			210	210								
2070	1	40	1	1	32	114	1	1	180	182							1	1
(94)	2	40	3	4	79	173	4	5	229	230	2	2	4	4	5	5	10	10
	3	40	1	3	84	155	3	4	227	229	2	2	2	2	7	7	30	30
	1	42	1	1	26	58	1	1	149	153								
	2	42	1	3	67	166	1	3	213	215					1	1	6	6
	3	42	1	3	68	146	1	3	217	218			1	1	1	1	13	13
	1	44	1	1	20	33	1	1	103	105								
	2	44	1	1	53	141	1	1	206	206							2	2
	3	44		2	55	138		2	206	208							5	5
2070	1	40		1	26	146		1	203	208								
(95)	2	40	1	2	93	190	2	3	250	251	2	2	4	4	4	4	13	13
	3	40	1	2	106	178	1	2	256	256	4	4	4	4	8	8	26	26
	1	42		1	16	58		1	182	184								
	2	42	1	2	59	181	1	2	239	240							3	3
	3	42	1	2	75	170	1	2	246	246					1	1	15	15
	1	44		1	6	23		1	141	143								
	2	44	1	2	39	168	1	2	225	226								
	3	44		2	59	161		2	232	233							3	3

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(3)

City	Townsville	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			17	152			210	211								
(96)	2	40			114	189			262	263							1	1
	3	40			115	176			261	261					1	1	11	11
	1	42			8	87			187	189								
	2	42			74	179			248	249								
	3	42			94	170			247	247							1	1
	1	44			4	20			155	157								
	2	44			38	165			231	231								
	3	44			69	164			238	238								
2070	1	40			10	100			172	172								
(97)	2	40			62	155			229	229							1	1
	3	40			68	129			231	231			1	1	3	3	8	8
	1	42			4	31			145	145								
	2	42			37	137			223	223								
	3	42			49	118			224	224							3	3
	1	44			2	6			100	101								
	2	44			20	119			205	205								
	3	44			36	116			217	217								
2070	1	40			32	138			224	224								
(98)	2	40			100	185	1	1	281	281							4	4
	3	40			100	171			280	280	1	1	3	3	5	5	27	27
	1	42			18	66			195	195								
	2	42			72	171			269	269							1	1
	3	42			82	166			270	270					1	1	7	7
	1	44			6	13			163	163								
	2	44			48	160			253	253								
	3	44			61	160			257	257							1	1
2070	1	40			25	102			182	183								
(99)	2	40			73	151			244	245							2	2
	3	40			72	136			240	240					1	1	21	21
	1	42			10	40			151	152								
	2	42			49	138			229	230								
	3	42			62	119			224	225							3	3
	1	44			5	14			119	119								
	2	44			34	119			209	210								
	3	44			45	109			213	214								
2070	1	40			15	79			199	200								
(00)	2	40			51	146			245	246							1	1
	3	40			50	120			241	241			1	1	2	2	9	9
	1	42			6	24			154	157								
	2	42			32	130			228	231								
	3	42			34	113			232	232							2	2
	1	44			1	5			107	108								
	2	44			25	106			217	220								
	3	44			27	105			225	226								
2070	1	40			25	149			209	210								
(01)	2	40			100	203			246	250							3	3
	3	40			104	177			245	247	2	2	2	2	3	3	19	19
	1	42			10	80			186	188								
	2	42			82	189			240	241								
	3	42			90	169			237	239							6	6
	1	44			6	20			133	134								
	2	44			52	173			227	227								
	3	44			66	158			229	229							2	2

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(3a)

City	Townsville	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	51	156		1	187	187								
(90)	2	40		8	140	203		8	231	231								
	3	40		7	118	183		7	220	220							3	3
	1	42			25	134			157	157								
	2	42		8	120	192		8	217	217								
	3	42		6	110	174		6	215	215								
	1	44			17	96			127	125								
	2	44		7	94	175		7	208	208								
	3	44		4	99	168		4	209	209								
2070	1	40			47	155			178	178								
(91)	2	40	1	5	115	207		4	245	245					3	3	4	4
	3	40	2	4	92	185	1	3	244	244					5	5	26	26
	1	42			32	123			152	152								
	2	42			86	191			232	231								
	3	42	1	2	84	180		1	235	235					1	1	8	8
	1	44			19	64			110	110								
	2	44			62	174			216	216								
	3	44			73	174			223	223							1	1
2070	1	40			46	155			203	202								
(92)	2	40		2	132	218		2	258	258	1	1	2	2	4	4	9	9
	3	40		2	110	203		3	258	258	3	3	3	3	5	5	27	27
	1	42			21	127			159	159								
	2	42		1	103	198		1	250	250							2	2
	3	42		1	105	184		1	248	248					1	1	12	12
	1	44			10	91			123	123								
	2	44		1	75	178		1	231	231								
	3	44		1	94	176		1	235	235							3	3
2070	1	40			22	142			176	176								
(93)	2	40	1	5	88	189		4	234	234							3	3
	3	40		3	68	172		3	235	235							5	5
	1	42			13	94			150	150								
	2	42		3	58	177		3	219	219								
	3	42		1	64	165		1	222	222							2	2
	1	44			8	48			103	102								
	2	44		1	35	170		1	200	200								
	3	44			54	156			210	210								
2070	1	40	1	3	35	162	1	3	180	180							1	1
(94)	2	40	3	7	111	202	4	8	229	229	2	2	4	4	5	5	10	10
	3	40	1	7	93	193	3	9	227	227	2	2	2	2	7	7	30	30
	1	42	1	1	27	125	1	1	150	149								
	2	42	1	6	83	191	1	6	213	213					1	1	6	6
	3	42	1	6	89	177	1	7	217	217			1	1	1	1	13	13
	1	44	1	1	21	66	1	1	103	103								
	2	44	1	3	60	176	1	3	206	206							2	2
	3	44	1	5	76	172	1	5	206	206							5	5
2070	1	40	1	2	31	181	1	2	203	203								
(95)	2	40	1	5	142	213	2	6	250	250	2	2	4	4	4	4	13	13
	3	40	2	6	125	195	2	6	256	256	4	4	4	4	8	8	26	26
	1	42		2	16	154		2	182	182								
	2	42	1	3	94	205	1	3	239	239							3	3
	3	42	1	2	118	188	1	2	246	246					1	1	15	15
	1	44		1	6	89		1	141	141								
	2	44	1	2	59	195	1	2	225	225								
	3	44	1	2	97	184	1	2	232	232							3	3

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(3a)

City	Townsville	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			25	178			211	210								
(96)	2	40		2	148	221		2	262	262							1	1
	3	40		2	124	203		2	261	261					1	1	11	11
	1	42			11	158			187	187								
	2	42		1	121	208		1	248	248								
	3	42		2	118	196		2	247	247							1	1
	1	44			5	109			155	155								
	2	44			71	203			231	231								
	3	44			107	190			238	238								
2070	1	40			12	135			172	172								
(97)	2	40			101	189			229	229							1	1
	3	40			80	173			231	231			1	1	3	3	8	8
	1	42			4	105			145	145								
	2	42			62	176			223	223								
	3	42			71	158			224	224							3	3
	1	44			2	48			100	100								
	2	44			33	161			205	205								
	3	44			59	147			217	217								
2070	1	40			34	168			224	224								
(98)	2	40		1	139	217	1	2	281	281							4	4
	3	40			117	205			280	280	1	1	3	3	5	5	27	27
	1	42			19	146			195	195								
	2	42			103	208			269	269							1	1
	3	42			104	196			270	270					1	1	7	7
	1	44			6	82			163	163								
	2	44			66	194			253	253								
	3	44			90	189			257	257							1	1
2070	1	40			28	136			182	182								
(99)	2	40		1	100	197		1	244	244							2	2
	3	40			84	175			240	240					1	1	21	21
	1	42			10	104			151	151								
	2	42			74	183			229	229								
	3	42			75	165			224	224							3	3
	1	44			5	59			119	119								
	2	44			44	164			210	209								
	3	44			63	153			213	213								
2070	1	40			15	130			199	199								
(00)	2	40			75	187			245	245							1	1
	3	40			60	170			241	241			1	1	2	2	9	9
	1	42			7	88			155	154								
	2	42			47	169			228	228								
	3	42			53	158			232	232							2	2
	1	44			1	34			107	107								
	2	44			30	155			217	217								
	3	44			41	141			226	225								
2070	1	40			31	187			209	209								
(01)	2	40		2	145	227		2	246	246							3	3
	3	40		1	118	211		1	245	245	2	2	2	2	3	3	19	19
	1	42			11	153			186	186								
	2	42			102	216			240	240								
	3	42			110	196			237	237							6	6
	1	44			6	92			133	133								
	2	44			81	206			227	227								
	3	44			99	188			229	229							2	2

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(4)

City	Townsville	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	26	38	182	230	71	79	274	277	85	85	100	100	120	120	176	176
(90)	2	40	65	141	222	258	201	201	314	314	220	224	232	233	243	243	275	276
	3	40	14	105	198	242	218	218	301	303	230	234	237	241	261	261	295	297
	1	42	11	19	152	204	2	10	253	254	1	1	3	3	14	14	86	86
	2	42	53	101	209	246	179	180	304	304	183	183	196	196	218	218	255	255
	3	42	12	84	192	235	201	202	297	298	211	216	221	225	240	242	277	278
	1	44		4	126	176		4	232	233								
	2	44	40	65	197	239	139	140	288	291	142	142	169	169	182	182	223	223
	3	44	10	67	185	228	174	178	290	291	190	191	206	208	220	224	257	257
2070	1	40	16	23	173	231	69	72	303	303	72	72	87	87	95	95	151	151
(91)	2	40	58	95	223	283	185	188	340	341	226	226	239	239	258	259	303	305
	3	40	9	77	197	264	210	216	336	337	237	237	256	256	275	279	316	327
	1	42	11	13	139	203	19	21	275	275	21	21	26	26	48	48	77	77
	2	42	47	68	207	271	148	151	335	337	170	170	187	187	207	207	269	269
	3	42	7	38	189	250	178	179	332	332	205	205	227	227	253	253	296	303
	1	44	4	4	91	174			250	252					3	3	12	12
	2	44	36	50	193	258	110	113	323	325	125	125	144	144	166	166	226	226
	3	44	6	27	186	245	152	152	321	324	175	175	196	196	221	221	279	282
2070	1	40	12	20	179	252	68	69	306	306	78	78	98	98	112	112	178	178
(92)	2	40	46	124	235	296	219	223	335	338	240	240	247	247	263	263	307	309
	3	40	11	102	214	282	231	235	327	327	260	260	274	276	284	288	318	321
	1	42	3	4	145	219	17	18	292	294	29	29	35	35	44	44	72	72
	2	42	37	91	220	280	183	186	333	334	203	203	219	219	233	233	281	283
	3	42	9	75	196	270	214	219	323	323	227	228	243	243	271	273	307	309
	1	44		1	114	179	1	2	261	261	3	3	4	4	4	4	16	16
	2	44	30	61	202	270	126	130	320	321	159	159	179	179	195	195	240	240
	3	44	6	60	188	266	185	190	322	322	208	209	223	223	239	239	289	290
2070	1	40	15	23	166	213	37	42	310	310	56	56	81	81	93	93	152	152
(93)	2	40	44	82	205	268	199	199	354	354	238	238	254	255	265	265	327	328
	3	40	4	58	177	246	226	226	350	350	253	254	267	267	290	290	337	338
	1	42	4	8	120	193	5	9	280	280	7	7	7	7	10	10	50	50
	2	42	40	59	193	255	156	157	349	349	183	183	200	200	219	219	277	277
	3	42	3	42	172	236	192	193	347	347	220	221	239	240	267	267	320	321
	1	44	1	2	69	169		1	240	240							5	5
	2	44	30	43	186	241	114	117	336	337	135	135	152	152	178	178	229	229
	3	44		28	170	225	169	172	341	341	192	192	212	212	232	232	290	290
2070	1	40	21	28	178	229	68	70	284	286	75	75	84	84	91	91	140	140
(94)	2	40	56	98	221	269	182	188	327	328	208	208	214	214	232	232	286	287
	3	40	10	81	199	258	195	202	323	323	226	228	235	237	250	253	303	309
	1	42	15	18	146	204	22	23	258	259	30	30	32	32	43	43	71	71
	2	42	46	74	211	258	142	145	323	323	171	171	183	183	201	201	246	247
	3	42	9	54	189	251	176	180	317	318	195	195	207	208	232	233	282	286
	1	44	5	6	93	176	4	5	234	236	4	4	4	4	5	5	17	17
	2	44	35	56	198	253	102	106	312	312	128	128	139	139	158	158	213	213
	3	44	7	43	177	243	143	146	312	313	167	167	187	187	201	202	256	256
2070	1	40	3	13	190	233	79	83	308	310	89	89	103	103	128	128	188	188
(95)	2	40	17	85	227	272	215	219	330	330	249	249	256	256	272	272	310	313
	3	40	8	103	203	263	243	248	329	329	269	270	276	276	293	297	320	325
	1	42	3	5	162	213	19	20	280	281	25	25	32	32	44	44	86	86
	2	42	14	56	218	262	186	189	327	327	211	211	225	225	248	248	283	284
	3	42	6	66	196	256	212	214	325	326	243	243	251	253	270	270	304	309
	1	44	1	2	111	193	4	5	254	254	2	2	4	4	4	4	18	18
	2	44	10	32	206	249	147	151	322	323	175	175	191	191	198	198	249	249
	3	44	2	46	193	243	184	188	323	324	220	220	234	234	247	248	289	293

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(4)

City	Townsville	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	11	185	248	68	72	314	316	93	93	105	105	124	124	189	189
(96)	2	40	18	111	230	299	219	224	343	346	245	245	256	256	272	272	305	306
	3	40	2	108	213	281	231	234	338	339	256	257	268	269	287	290	319	328
	1	42	1	2	171	219	5	6	291	291	15	15	25	25	30	30	78	78
	2	42	10	68	218	287	188	192	337	339	211	211	223	223	231	231	284	285
	3	42	2	84	205	276	216	218	335	336	233	233	245	246	266	267	307	308
	1	44			132	197			266	267							3	3
	2	44	5	27	211	269	149	155	325	326	172	172	183	183	200	200	240	240
	3	44		56	199	265	194	196	330	330	213	213	225	225	238	238	291	292
2070	1	40	3	4	154	223	60	60	281	281	67	67	81	81	95	95	137	137
(97)	2	40	13	52	204	253	172	174	329	330	206	206	222	222	248	248	294	294
	3	40	1	60	186	246	204	205	323	324	242	242	258	258	272	272	318	322
	1	42	2	2	119	190	7	7	254	254	11	11	16	16	26	26	64	64
	2	42	13	32	187	246	137	139	319	320	161	161	170	170	196	196	259	259
	3	42	1	32	169	241	174	177	320	320	203	203	223	223	251	251	293	294
	1	44	1	1	75	160			233	233							6	6
	2	44	8	16	173	240	112	114	310	311	126	126	136	136	153	153	213	213
	3	44		21	162	234	148	149	314	314	169	169	180	180	212	212	270	270
2070	1	40	7	9	190	254	109	109	333	333	134	134	150	150	173	173	219	219
(98)	2	40	31	99	237	301	267	267	346	347	293	293	298	298	303	303	330	330
	3	40	2	94	220	286	288	288	343	343	301	301	308	308	320	320	334	336
	1	42	2	3	165	219	12	13	315	316	29	29	44	44	56	56	121	121
	2	42	21	60	227	291	225	225	345	345	259	259	268	268	281	281	315	315
	3	42	1	68	212	278	261	261	341	341	287	287	293	293	307	307	329	329
	1	44			113	190	1	1	285	286							11	11
	2	44	18	32	212	282	187	187	340	340	216	216	228	228	247	247	284	284
	3	44	1	47	203	272	237	237	340	340	270	270	279	279	291	291	321	321
2070	1	40	3	7	156	236	72	73	306	306	96	96	114	114	129	129	159	159
(99)	2	40	19	65	211	282	195	196	341	341	222	222	229	229	244	244	299	300
	3	40	1	67	185	252	211	213	336	337	243	243	258	258	278	278	315	323
	1	42	1	2	117	198	7	7	284	286	23	23	29	29	45	45	85	85
	2	42	14	35	199	267	161	161	334	335	193	193	201	201	212	212	271	271
	3	42	1	47	178	242	193	194	332	333	214	214	226	226	253	253	297	298
	1	44			87	158			252	253							6	6
	2	44	8	20	181	256	136	136	323	324	149	149	160	160	179	179	220	220
	3	44	1	22	170	232	179	179	327	328	194	194	201	201	219	219	279	279
2070	1	40	5	8	151	224	67	69	289	291	96	96	110	110	124	124	190	190
(00)	2	40	18	46	207	266	215	218	326	327	232	232	239	239	247	248	293	295
	3	40	2	44	183	247	234	235	325	325	245	246	255	256	273	275	317	324
	1	42	2	2	106	186	5	5	272	273	12	12	18	18	33	33	75	75
	2	42	16	31	193	260	196	198	319	320	209	209	220	220	229	229	260	260
	3	42	1	28	173	242	218	219	322	322	231	231	239	239	247	248	299	301
	1	44			59	152			248	249							2	2
	2	44	7	15	175	249	143	145	310	312	174	174	191	191	209	209	234	234
	3	44	1	17	164	237	205	206	314	314	216	216	227	227	235	235	275	276
2070	1	40	9	18	202	255	60	65	307	311	75	75	90	90	101	101	170	170
(01)	2	40	22	101	236	302	203	205	336	341	221	221	227	227	239	239	294	294
	3	40	4	101	216	272	225	227	332	332	238	238	247	247	265	267	305	323
	1	42	5	6	165	226	9	9	282	283	20	20	24	24	29	29	74	74
	2	42	16	74	226	292	168	173	332	336	192	192	203	203	220	220	258	258
	3	42	1	75	207	268	205	207	331	331	223	223	230	230	242	242	294	299
	1	44	1	1	120	206			252	256			1	1	1	1	7	7
	2	44	11	39	215	279	116	120	327	331	152	152	163	163	178	178	226	226
	3	44		58	199	262	178	181	326	327	197	197	213	213	227	227	268	269

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(4a)

City	Townsville	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	29	80	188	245	74	102	274	274	85	85	100	101	120	124	176	176
(90)	2	40	71	201	231	286	201	213	314	314	220	233	232	246	243	279	275	275
	3	40	18	179	203	270	218	231	301	301	230	266	237	283	261	328	295	295
	1	42	11	32	163	228	2	23	253	253	1	1	3	3	14	14	86	86
	2	42	53	167	220	276	179	191	304	304	183	189	196	203	218	229	255	255
	3	42	16	153	200	261	202	214	297	297	211	226	221	242	240	289	277	277
	1	44		8	141	207		8	232	232								
	2	44	41	128	209	262	140	153	288	288	142	149	169	174	182	187	223	223
	3	44	13	136	194	256	176	189	290	290	190	204	206	220	220	247	257	257
2070	1	40	16	39	183	269	69	76	303	303	72	72	87	87	95	95	151	151
(91)	2	40	61	184	234	319	186	205	340	340	226	241	239	267	258	306	303	303
	3	40	11	169	212	301	210	235	336	336	237	293	256	320	275	355	316	316
	1	42	11	19	154	239	19	27	275	275	21	21	26	26	48	48	77	77
	2	42	51	153	223	303	149	171	335	335	170	173	187	192	207	229	269	269
	3	42	8	141	206	294	178	201	332	332	205	243	227	269	253	326	296	296
	1	44	4	8	119	215		4	250	250					3	3	12	12
	2	44	37	97	206	290	110	129	323	323	125	127	144	147	166	168	226	226
	3	44	7	120	193	282	152	173	321	321	175	191	196	220	221	275	279	279
2070	1	40	12	70	190	279	68	88	306	306	78	78	98	99	112	113	178	178
(92)	2	40	50	188	251	317	220	228	335	335	240	248	247	260	263	304	307	307
	3	40	15	170	230	306	231	244	327	327	260	298	274	314	284	350	318	318
	1	42	3	22	159	253	17	29	292	292	29	29	35	35	44	44	72	72
	2	42	38	155	238	312	183	196	333	333	203	207	219	223	233	243	281	281
	3	42	10	147	220	300	214	227	323	323	227	251	243	279	271	317	307	307
	1	44		4	135	226	1	5	261	261	3	3	4	4	4	4	16	16
	2	44	30	126	219	299	126	144	320	320	159	160	179	181	195	198	240	240
	3	44	10	130	203	293	185	204	322	322	208	222	223	236	239	282	289	289
2070	1	40	16	37	179	253	38	50	310	310	56	56	81	81	93	93	152	152
(93)	2	40	47	172	213	305	199	213	354	354	238	247	254	263	265	301	327	327
	3	40	6	153	193	298	226	234	350	350	253	296	267	331	290	364	337	337
	1	42	4	12	141	223	5	11	280	280	7	7	7	7	10	10	50	50
	2	42	41	128	204	290	156	168	349	349	183	185	200	202	219	228	277	277
	3	42	4	133	187	282	192	207	347	347	220	236	239	270	267	333	320	320
	1	44	1	5	91	193		4	240	240							5	5
	2	44	32	86	192	276	115	125	336	336	135	137	152	154	178	180	229	229
	3	44	4	101	174	265	169	182	341	341	192	202	212	227	232	271	290	290
2070	1	40	21	52	187	256	68	77	285	284	75	75	84	84	91	91	140	140
(94)	2	40	58	197	231	295	183	202	327	327	208	221	214	233	232	279	286	286
	3	40	18	168	211	279	196	218	323	323	226	273	235	305	250	344	303	303
	1	42	16	30	161	236	22	31	258	258	30	30	32	32	43	43	71	71
	2	42	48	153	221	283	142	165	323	323	171	175	183	190	201	216	246	246
	3	42	12	143	203	271	176	196	317	317	195	219	207	250	232	307	282	282
	1	44	5	11	117	207	4	9	234	234	4	4	4	4	5	5	17	17
	2	44	36	101	211	273	102	115	312	312	128	129	139	141	158	162	213	213
	3	44	10	123	193	268	143	171	312	312	167	188	187	206	201	248	256	256
2070	1	40	3	49	198	261	79	93	308	308	89	89	103	103	128	128	188	188
(95)	2	40	22	192	236	297	215	227	330	330	249	258	256	268	272	302	310	310
	3	40	11	181	212	290	243	252	329	329	269	301	276	318	293	347	320	320
	1	42	3	18	177	236	19	27	280	280	25	25	32	32	44	44	86	86
	2	42	17	162	226	292	187	206	327	327	211	214	225	230	248	256	283	283
	3	42	9	169	207	286	212	224	325	325	243	258	251	277	270	320	304	304
	1	44	1	6	146	219	4	9	254	254	2	2	4	4	4	4	18	18
	2	44	11	122	217	282	147	165	322	322	175	178	191	193	198	201	249	249
	3	44	6	150	199	277	185	200	323	323	220	234	234	247	247	275	289	289

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(4a)

City	Townsville	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	63	202	286	68	103	314	314	93	93	105	105	124	124	189	189
(96)	2	40	20	187	247	321	219	229	343	343	245	253	256	270	272	315	305	305
	3	40	7	182	226	313	231	242	338	338	256	307	268	330	287	357	319	319
	1	42	1	15	173	252	5	18	291	291	15	15	25	25	30	30	78	78
	2	42	12	165	230	313	188	201	337	337	211	216	223	228	231	243	284	284
	3	42	5	169	221	305	216	223	335	335	233	259	245	288	266	335	307	307
	1	44		3	153	225		3	266	266							3	3
	2	44	5	131	217	305	149	174	325	325	172	173	183	184	200	204	240	240
	3	44	2	153	209	300	194	204	330	330	213	221	225	237	238	289	291	291
2070	1	40	3	22	166	245	60	68	281	281	67	67	81	81	95	95	137	137
(97)	2	40	13	148	222	279	172	186	329	329	206	213	222	240	248	278	294	294
	3	40	2	137	206	270	204	212	323	323	242	274	258	299	272	351	318	318
	1	42	2	3	134	230	7	8	254	254	11	11	16	16	26	26	64	64
	2	42	13	116	209	268	137	152	319	319	161	163	170	175	196	208	259	259
	3	42	1	120	196	263	174	186	320	320	203	232	223	259	251	302	293	293
	1	44	1	1	104	199			233	233							6	6
	2	44	8	73	187	262	112	124	310	310	126	126	136	136	153	155	213	213
	3	44		103	176	255	148	163	314	314	169	183	180	199	212	252	270	270
2070	1	40	7	48	199	290	109	115	333	333	134	134	150	150	173	173	219	219
(98)	2	40	32	190	256	329	267	269	346	346	293	294	298	305	303	327	330	330
	3	40	3	186	234	318	288	292	343	343	301	325	308	339	320	354	334	334
	1	42	2	8	173	263	12	16	315	315	29	29	44	44	56	56	121	121
	2	42	22	165	240	321	225	229	345	345	259	259	268	269	281	285	315	315
	3	42	2	165	226	304	261	264	341	341	287	293	293	309	307	341	329	329
	1	44		1	144	224	1	2	285	285							11	11
	2	44	19	116	227	311	187	191	340	340	216	216	228	228	247	248	284	284
	3	44	1	148	211	298	237	239	340	340	270	271	279	281	291	314	321	321
2070	1	40	3	27	170	267	72	76	306	306	96	96	114	114	129	129	159	159
(99)	2	40	21	144	230	308	195	199	341	341	222	226	229	248	244	296	299	299
	3	40	4	145	196	295	211	220	336	336	243	294	258	322	278	354	315	315
	1	42	1	7	130	243	7	11	284	284	23	23	29	29	45	45	85	85
	2	42	14	115	209	296	161	165	334	334	193	193	201	202	212	222	271	271
	3	42	2	119	189	287	193	201	332	332	214	238	226	267	253	325	297	297
	1	44		1	106	202		1	252	252							6	6
	2	44	8	85	197	287	136	142	323	323	149	149	160	160	179	180	220	220
	3	44	1	94	180	276	179	183	327	327	194	198	201	209	219	267	279	279
2070	1	40	5	20	164	258	67	73	289	289	96	96	110	110	124	124	190	190
(00)	2	40	19	144	223	293	216	227	326	326	232	241	239	255	247	286	293	293
	3	40	3	136	207	279	234	240	325	325	245	286	255	301	273	343	317	317
	1	42	2	5	123	232	5	8	272	272	12	12	18	18	33	33	75	75
	2	42	16	101	209	288	196	202	319	319	209	212	220	224	229	240	260	260
	3	42	3	107	194	271	219	225	322	322	231	247	239	271	247	304	299	299
	1	44			81	193			248	248							2	2
	2	44	7	53	189	270	143	153	310	310	174	175	191	192	209	211	234	234
	3	44	1	86	178	265	205	212	314	314	216	224	227	237	235	271	275	275
2070	1	40	9	69	210	292	60	91	307	307	75	75	90	90	101	101	170	170
(01)	2	40	26	202	250	338	203	217	336	336	221	230	227	252	239	314	294	294
	3	40	8	186	230	307	225	232	332	332	238	297	247	324	265	353	305	305
	1	42	5	17	184	265	9	18	282	282	20	20	24	24	29	29	74	74
	2	42	17	162	238	322	168	188	332	332	192	196	203	208	220	234	258	258
	3	42	3	164	223	298	205	213	331	331	223	246	230	275	242	329	294	294
	1	44	1	3	152	232		2	252	252			1	1	1	1	7	7
	2	44	12	120	225	311	116	142	327	327	152	152	163	163	178	183	226	226
	3	44	1	145	214	288	178	193	326	326	197	210	213	224	227	275	268	268

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(5)

City	Townsville	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			20	66			143	143								
(90)	2	40			50	136			194	195								
	3	40			40	117			184	184								
	1	42			11	24			112	115								
	2	42			39	128			184	185								
	3	42			27	111			173	173								
	1	44			2	10			54	61								
	2	44			30	111			166	167								
	3	44			20	107			167	167								
2070	1	40			24	42			139	140								
(91)	2	40			51	126			191	194								
	3	40			39	101			189	191								
	1	42			16	24			90	92								
	2	42			44	113			172	179								
	3	42			33	95			172	176								
	1	44			10	14			46	47								
	2	44			37	76			158	161								
	3	44			24	82			160	165								
2070	1	40			15	60			141	144								
(92)	2	40			52	132			212	214								
	3	40			43	120			211	211								
	1	42			7	23			112	114								
	2	42			40	126			199	201								
	3	42			33	111			193	193								
	1	44			4	5			62	63								
	2	44			26	101			177	180								
	3	44			27	107			178	179								
2070	1	40			9	26			133	133								
(93)	2	40			21	101			178	179								
	3	40			15	79			185	185								
	1	42			4	11			86	87								
	2	42			16	81			176	177								
	3	42			11	74			174	174								
	1	44			2	6			23	27								
	2	44			14	57			160	161								
	3	44			8	67			170	170								
2070	1	40	1	1	23	48	1	1	132	134								
(94)	2	40	1	1	42	127	1	1	190	191								
	3	40		1	33	108		1	184	185								
	1	42	1	1	17	29	1	1	94	96								
	2	42	1	1	30	110	1	1	176	178								
	3	42		1	27	97		1	178	180								
	1	44		1	11	16		1	60	60								
	2	44	1	1	29	84	1	1	166	169								
	3	44		1	22	90		1	173	174								
2070	1	40		1	11	48		1	169	172								
(95)	2	40		1	34	155		1	209	210								
	3	40		1	32	143		1	205	206								
	1	42			5	19			129	131								
	2	42		1	25	145		1	202	207								
	3	42		1	26	133		1	197	200								
	1	44			4	7			66	68								
	2	44		1	19	109		1	193	197								
	3	44		1	19	123		1	191	195								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(5)

City	Townsville	Dress	Fully Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	61			174	176								
(96)	2	40			28	162			215	215								
	3	40			29	146			213	214								
	1	42			2	14			132	136								
	2	42			17	151			206	208								
	3	42			14	132			202	203								
	1	44			1	4			55	57								
	2	44			13	129			196	198								
	3	44			10	118			195	196								
2070	1	40			3	22			128	129								
(97)	2	40			13	107			184	184								
	3	40			11	94			180	180								
	1	42			1	2			90	90								
	2	42			9	98			165	165								
	3	42			8	85			166	166								
	1	44			1	1			39	39								
	2	44			5	62			154	154								
	3	44			6	77			159	160								
2070	1	40			11	46			182	182								
(98)	2	40			38	151			232	232								
	3	40			30	138			229	229								
	1	42			4	8			150	150								
	2	42			28	136			216	216								
	3	42			21	123			220	220								
	1	44			1	2			82	82								
	2	44			23	99			198	198								
	3	44			14	108			208	208								
2070	1	40			8	27			136	136								
(99)	2	40			29	106			191	192								
	3	40			23	91			187	188								
	1	42			3	7			107	107								
	2	42			25	100			180	181								
	3	42			16	85			178	179								
	1	44				1			52	52								
	2	44			17	78			161	162								
	3	44			10	78			168	169								
2070	1	40			4	16			136	138								
(00)	2	40			19	91			201	203								
	3	40			11	75			194	196								
	1	42			1	4			85	86								
	2	42			14	77			195	196								
	3	42			9	69			189	190								
	1	44							35	35								
	2	44			7	44			172	175								
	3	44			5	55			174	175								
2070	1	40			8	63			171	173								
(01)	2	40			34	158			214	214								
	3	40			29	138			207	208								
	1	42			5	17			118	119								
	2	42			21	144			203	204								
	3	42			19	128			202	203								
	1	44			2	4			54	55								
	2	44			15	113			195	197								
	3	44			10	117			196	197								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(5a)

City	Townsville	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			20	123			143	143								
(90)	2	40			69	164			194	194								
	3	40			67	145			184	184								
	1	42			14	86			114	110								
	2	42			49	153			184	184								
	3	42			46	137			173	173								
	1	44			3	28			54	54								
	2	44			37	142			166	166								
	3	44			29	132			167	167								
2070	1	40			27	109			139	139								
(91)	2	40			56	161			191	191								
	3	40			44	148			189	189								
	1	42			16	47			90	90								
	2	42			46	150			172	172								
	3	42			34	136			173	172								
	1	44			10	19			46	46								
	2	44			38	140			159	158								
	3	44			28	123			160	160								
2070	1	40			15	124			141	141								
(92)	2	40			61	168			213	212								
	3	40			61	146			211	211								
	1	42			7	79			112	112								
	2	42			45	152			199	198								
	3	42			42	141			193	192								
	1	44			4	27			62	62								
	2	44			30	135			178	177								
	3	44			38	134			178	178								
2070	1	40			10	80			133	133								
(93)	2	40			28	158			178	178								
	3	40			30	132			185	185								
	1	42			4	34			86	85								
	2	42			19	139			176	176								
	3	42			16	126			174	174								
	1	44			2	12			23	23								
	2	44			14	112			160	160								
	3	44			11	114			170	170								
2070	1	40	1	1	24	110	1	1	132	132								
(94)	2	40	1	2	54	167	1	2	190	190								
	3	40		1	45	153		1	184	184								
	1	42	1	1	17	56	1	1	94	94								
	2	42	1	1	35	158	1	1	176	176								
	3	42		1	36	145		1	178	178								
	1	44		1	12	27		1	60	60								
	2	44	1	1	30	137	1	1	166	166								
	3	44		1	24	132		1	173	173								
2070	1	40		1	13	145		1	169	169								
(95)	2	40		2	43	186		2	209	209								
	3	40		2	48	176		2	205	205								
	1	42		1	5	58		1	129	129								
	2	42		2	30	176		2	202	202								
	3	42		2	36	165		2	198	197								
	1	44			4	22			66	66								
	2	44		1	24	166		1	193	193								
	3	44		2	27	158		2	191	191								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(5a)

City	Townsville	Dress	Fully Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			8	151			174	174								
(96)	2	40			47	185			215	214								
	3	40			60	175			214	213								
	1	42			2	87			132	132								
	2	42			25	175			207	206								
	3	42			35	168			202	202								
	1	44			1	18			55	55								
	2	44			16	165			196	196								
	3	44			17	161			195	195								
2070	1	40			3	96			128	128								
(97)	2	40			25	148			184	184								
	3	40			26	127			180	180								
	1	42			1	28			90	90								
	2	42			11	131			165	165								
	3	42			14	116			166	166								
	1	44			1	5			39	39								
	2	44			6	118			154	154								
	3	44			8	112			159	159								
2070	1	40			12	136			182	182								
(98)	2	40			50	176			232	232								
	3	40			52	169			229	229								
	1	42			4	60			150	150								
	2	42			30	165			216	216								
	3	42			31	158			220	220								
	1	44			1	9			82	82								
	2	44			23	157			198	198								
	3	44			21	151			208	208								
2070	1	40			8	98			136	136								
(99)	2	40			32	147			191	191								
	3	40			34	127			187	187								
	1	42			3	36			107	107								
	2	42			28	131			180	180								
	3	42			22	114			178	178								
	1	44				10			52	52								
	2	44			19	114			161	161								
	3	44			17	104			168	168								
2070	1	40			4	74			136	136								
(00)	2	40			25	142			201	201								
	3	40			20	118			194	194								
	1	42			1	22			85	85								
	2	42			14	126			195	195								
	3	42			13	109			189	189								
	1	44				4			35	35								
	2	44			9	104			172	172								
	3	44			5	95			174	174								
2070	1	40			9	144			171	171								
(01)	2	40			59	198			214	214								
	3	40			60	176			207	207								
	1	42			5	79			118	118								
	2	42			28	184			203	203								
	3	42			43	166			202	202								
	1	44			2	16			54	54								
	2	44			19	170			195	195								
	3	44			24	150			196	196								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(6)

City	Townsville	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			76	152			210	210								
(90)	2	40	6	14	149	196		8	243	243			1	1	3	3	48	48
	3	40		5	129	176	4	9	242	243	7	7	7	7	19	19	99	99
	1	42			40	128			186	187								
	2	42	1	8	142	182		7	235	236					1	1	6	6
	3	42		4	121	167		4	233	234			1	1	5	5	45	45
	1	44			21	81			155	155								
	2	44		3	118	174		3	230	231								
	3	44		2	114	157		2	223	224					1	1	14	14
2070	1	40			58	147			219	220								
(91)	2	40	10	10	126	195	4	4	272	272	6	6	21	21	32	32	58	58
	3	40	2	3	106	181	23	25	269	270	27	27	31	31	44	44	76	76
	1	42			45	113			175	182								
	2	42	7	7	110	181			260	261			2	2	10	10	31	31
	3	42	2	2	97	172	7	7	260	261	11	11	15	15	27	27	58	58
	1	44			27	46			150	152								
	2	44	1	1	84	166			245	247							4	4
	3	44	2	2	87	162	1	1	250	251			8	8	15	15	38	38
2070	1	40			64	145			235	236								
(92)	2	40		1	140	206	9	10	284	285	18	18	29	29	34	34	60	60
	3	40		3	121	184	18	19	285	285	33	33	37	37	46	46	83	83
	1	42			40	127			201	204								
	2	42		1	133	189	4	5	271	271	4	4	8	8	8	8	34	34
	3	42		1	114	173	10	11	276	276	11	11	16	16	30	30	57	57
	1	44			19	69			155	158								
	2	44		1	103	174		1	257	257	1	1	1	1	2	2	9	9
	3	44		1	106	159	3	4	266	266	4	4	10	10	13	13	38	38
2070	1	40			29	130			204	206								
(93)	2	40	2	5	106	184	4	7	274	274	4	4	7	7	7	7	20	20
	3	40		1	80	165	5	6	268	269	7	7	8	8	15	15	61	61
	1	42			19	84			176	177								
	2	42	1	2	85	173		1	255	255			2	2	4	4	6	6
	3	42			70	152	2	2	259	259	3	3	3	3	6	6	25	25
	1	44			10	32			142	142								
	2	44			57	160			233	233							3	3
	3	44			66	147			239	239			2	2	2	2	11	11
2070	1	40	1	2	55	148	1	2	207	207							3	3
(94)	2	40	11	14	134	196	12	13	249	250	18	18	30	30	33	33	57	57
	3	40	3	9	108	176	27	29	251	251	38	38	39	39	48	48	75	75
	1	42	1	1	30	107	1	1	179	181								
	2	42	7	8	115	183	5	6	237	239	5	5	11	11	14	14	33	33
	3	42	3	7	97	171	11	12	246	246	19	19	24	24	32	32	63	63
	1	44	1	1	24	54	1	1	145	148								
	2	44	3	4	78	172	2	4	225	226	2	2	3	3	5	5	9	9
	3	44	3	6	91	161	5	7	235	237	2	2	5	5	19	19	41	41
2070	1	40	1	2	44	173	1	2	228	229								
(95)	2	40	3	4	153	207	13	14	276	277	18	18	21	21	26	26	67	67
	3	40	2	2	140	188	22	22	273	273	32	32	43	43	55	55	96	96
	1	42		1	25	144		1	202	207								
	2	42	1	2	138	199	5	6	263	263	4	4	7	7	11	11	27	27
	3	42	2	2	130	183	12	13	265	265	13	13	18	18	33	33	68	68
	1	44		1	15	55		1	180	182								
	2	44	1	2	89	188	1	2	249	250	2	2	2	2	3	3	10	10
	3	44	1	2	121	180	3	4	260	260	6	6	10	10	14	14	44	44

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(6)

City	Townsville	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			49	166			233	233								
(96)	2	40	1	2	159	210	1	2	284	284	7	7	9	9	18	18	48	48
	3	40		1	139	194	8	9	285	285	18	18	21	21	34	34	94	94
	1	42			17	150			209	210								
	2	42			147	206			275	276					1	1	15	15
	3	42			129	190	1	1	277	278	4	4	8	8	16	16	55	55
	1	44			6	71			182	184								
	2	44			113	188			257	258							1	1
	3	44			118	183			268	268			1	1	2	2	24	24
2070	1	40			22	123			207	207								
(97)	2	40	1	1	114	180	3	3	249	249	3	3	7	7	13	13	44	44
	3	40			100	157	9	9	252	252	18	18	24	24	39	39	78	78
	1	42			9	97			172	172								
	2	42	1	1	97	165			241	241			1	1	5	5	10	10
	3	42			87	146	3	3	243	243	5	5	10	10	18	18	51	51
	1	44			3	25			139	140								
	2	44			60	153			228	228							1	1
	3	44			77	138			240	240	1	1	4	4	6	6	25	25
2070	1	40			53	164			258	258							1	1
(98)	2	40	1	1	157	214	3	3	309	310	12	12	19	19	27	27	88	88
	3	40			138	195	25	25	308	308	34	34	50	50	68	68	136	136
	1	42			30	135			220	220								
	2	42			141	199	1	1	294	295	2	2	2	2	4	4	23	23
	3	42			124	186	5	5	297	297	16	16	25	25	35	35	95	95
	1	44			14	56			191	191								
	2	44			99	183	1	1	278	278							3	3
	3	44			108	180	1	1	289	289	2	2	7	7	13	13	48	48
2070	1	40			36	122			216	218								
(99)	2	40	1	1	114	189	3	3	273	275	8	8	16	16	24	24	57	57
	3	40			97	166	18	18	268	268	30	30	40	40	51	51	103	103
	1	42			25	99			180	181								
	2	42			100	172			262	262					2	2	20	20
	3	42			88	152	2	2	261	261	11	11	22	22	31	31	63	63
	1	44			10	35			148	149								
	2	44			70	149			240	241							1	1
	3	44			77	144			253	253			6	6	10	10	41	41
2070	1	40			25	114			220	223								
(00)	2	40	2	2	91	179			266	267	2	2	7	7	14	14	43	43
	3	40			79	158	8	8	268	268	16	16	23	23	40	40	93	93
	1	42			14	77			199	200								
	2	42			71	160			254	255					1	1	10	10
	3	42			67	138	2	2	256	256	3	3	7	7	18	18	54	54
	1	44			6	21			150	153								
	2	44			48	144			242	243								
	3	44			56	130			243	243	1	1	2	2	4	4	25	25
2070	1	40			60	176			230	230								
(01)	2	40	2	2	157	219	3	3	274	277	7	7	14	14	19	19	48	48
	3	40			137	199	18	18	273	274	24	24	30	30	39	39	79	79
	1	42			23	144			206	207								
	2	42	1	1	143	210			263	266	1	1	3	3	4	4	18	18
	3	42			125	189	7	7	262	265	12	12	15	15	24	24	59	59
	1	44			8	76			181	183								
	2	44			100	201			246	250							3	3
	3	44			112	182	2	2	251	253	2	2	2	2	8	8	33	33

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(6a)

City	Townsville	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		7	100	177		7	210	210								
(90)	2	40	6	22	159	224		16	243	243			1	1	3	3	48	48
	3	40		15	142	202	5	19	242	242	7	7	7	7	19	20	99	99
	1	42		1	50	156		1	186	186								
	2	42	1	10	147	213		9	235	235					1	1	6	6
	3	42		10	133	193		10	233	233			1	1	5	5	45	45
	1	44			22	128			155	155								
	2	44		8	137	202		8	230	230								
	3	44		8	124	185		8	223	223					1	1	14	14
2070	1	40			67	178			219	219								
(91)	2	40	10	17	147	230	4	11	272	272	6	6	21	21	32	32	58	58
	3	40	2	8	128	213	23	28	269	269	27	27	31	31	44	44	76	76
	1	42			47	151			175	175								
	2	42	7	13	128	218		6	260	260			2	2	10	10	31	31
	3	42	2	5	112	201	7	10	260	260	11	11	15	15	27	27	58	58
	1	44			31	117			150	150								
	2	44	1	4	109	206		3	245	245							4	4
	3	44	2	4	101	194	1	3	250	250			8	8	15	15	38	38
2070	1	40		1	81	183		1	235	235								
(92)	2	40		13	148	248	9	19	284	284	18	18	29	29	34	34	60	60
	3	40		14	132	234	18	24	285	285	33	33	37	37	46	46	83	83
	1	42			46	155			202	200								
	2	42		8	140	238	4	11	271	271	4	4	8	8	8	8	34	34
	3	42		8	126	221	10	14	276	276	11	11	16	16	30	30	57	57
	1	44			21	127			155	155								
	2	44		1	129	217		1	257	257	1	1	1	1	2	2	9	9
	3	44		2	114	209	3	5	266	266	4	4	10	10	13	13	38	38
2070	1	40		1	40	172		1	204	204								
(93)	2	40	2	10	128	210	4	10	274	274	4	4	7	7	7	7	20	20
	3	40		7	102	194	5	10	268	268	7	7	8	8	15	15	61	61
	1	42			21	141			176	176								
	2	42	1	9	102	197		8	255	255			2	2	4	4	6	6
	3	42		4	85	189	2	7	259	259	3	3	3	3	6	6	25	25
	1	44			12	89			142	142								
	2	44		4	80	188		4	233	233							3	3
	3	44		3	74	177		5	239	239			2	2	2	2	11	11
2070	1	40	1	3	64	178	1	3	207	207							3	3
(94)	2	40	11	19	153	226	12	17	249	249	18	18	30	30	33	33	57	57
	3	40	4	20	129	214	27	36	251	251	38	38	39	39	48	48	75	75
	1	42	1	3	35	161	1	3	179	179								
	2	42	7	14	134	216	5	11	237	237	5	5	11	11	14	14	33	33
	3	42	3	15	113	198	11	17	246	246	19	19	24	24	32	32	63	63
	1	44	1	1	26	121	1	1	146	145								
	2	44	3	6	110	200	2	6	225	225	2	2	3	3	5	5	9	9
	3	44	3	10	99	194	5	10	235	235	2	2	5	5	19	19	41	41
2070	1	40	1	2	61	199	1	2	228	228								
(95)	2	40	3	14	170	231	13	20	276	276	18	18	21	21	26	26	67	67
	3	40	2	14	154	217	22	27	273	273	32	32	43	43	55	56	96	96
	1	42	1	2	30	177	1	2	202	202								
	2	42	2	7	153	222	6	10	263	263	4	4	7	7	11	11	27	27
	3	42	2	11	145	206	12	20	265	265	13	13	18	18	33	33	68	68
	1	44		2	16	151		2	180	180								
	2	44	1	5	137	213	1	5	249	249	2	2	2	2	3	3	10	10
	3	44	2	8	134	199	4	9	260	260	6	6	10	10	14	14	44	44

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(6a)

City	Townsville	Dress	Fully Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			84	206			233	233								
(96)	2	40	1	9	170	248	1	8	284	284	7	7	9	9	18	18	48	48
	3	40		9	156	227	8	18	285	285	18	18	21	21	34	34	94	94
	1	42			25	175			210	209								
	2	42		5	158	232		5	275	275					1	1	15	15
	3	42		6	149	221	1	7	277	277	4	4	8	8	16	16	55	55
	1	44			9	154			182	182								
	2	44		1	145	219		1	257	257							1	1
	3	44		2	135	209		3	268	268			1	1	2	2	24	24
2070	1	40			35	163			207	207								
(97)	2	40	1	2	127	221	3	4	249	249	3	3	7	7	13	13	44	44
	3	40		2	115	208	9	11	252	252	18	18	24	24	39	39	78	78
	1	42			11	132			172	172								
	2	42	1	1	112	210			241	241			1	1	5	5	10	10
	3	42			102	198	3	3	243	243	5	5	10	10	18	18	51	51
	1	44			3	103			139	139								
	2	44			94	188			228	228							1	1
	3	44			88	184			240	240	1	1	4	4	6	6	25	25
2070	1	40			72	197			258	258							1	1
(98)	2	40	1	3	168	252	3	5	309	309	12	12	19	19	27	27	88	88
	3	40		2	152	234	25	25	308	308	34	34	50	50	68	68	136	136
	1	42			31	166			220	220								
	2	42		2	154	235	1	3	294	294	2	2	2	2	4	4	23	23
	3	42		1	143	221	5	7	297	297	16	16	25	25	35	35	95	95
	1	44			15	142			191	191								
	2	44		1	137	215	1	2	278	278							3	3
	3	44		1	129	210	1	2	289	289	2	2	7	7	13	13	48	48
2070	1	40			51	171			217	216								
(99)	2	40	1	5	125	233	3	5	273	273	8	8	16	16	24	24	57	57
	3	40		3	105	197	18	20	268	268	30	30	40	40	51	51	103	103
	1	42			28	132			180	180								
	2	42		1	111	211		1	262	262					2	2	20	20
	3	42		1	99	188	2	3	261	261	11	11	22	22	31	31	63	63
	1	44			10	103			148	148								
	2	44		1	97	197		1	240	240							1	1
	3	44			91	179			253	253			6	6	10	10	41	41
2070	1	40			33	158			221	220								
(00)	2	40	2	5	113	221		3	266	266	2	2	7	7	14	14	43	43
	3	40		2	94	205	8	10	268	268	16	16	23	23	40	40	93	93
	1	42			14	129			199	199								
	2	42		1	90	205		1	254	254					1	1	10	10
	3	42		2	81	189	2	4	256	256	3	3	7	7	18	18	54	54
	1	44			7	79			151	150								
	2	44			69	187			242	242								
	3	44		2	71	174		2	243	243	1	1	2	2	4	4	25	25
2070	1	40			86	208			230	230								
(01)	2	40	2	11	176	254	3	11	274	274	7	7	14	14	19	19	48	48
	3	40		9	152	233	18	23	273	273	24	24	30	30	39	39	79	79
	1	42			28	185			206	206								
	2	42	1	5	157	240		4	263	263	1	1	3	3	4	4	18	18
	3	42		6	141	224	7	12	262	262	12	12	15	15	24	24	59	59
	1	44			10	151			181	181								
	2	44		1	142	226		1	246	246							3	3
	3	44		2	129	214	2	3	251	251	2	2	2	2	8	8	33	33

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(7)

City	Townsville	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			17	39			129	129								
(90)	2	40			37	125			184	185								
	3	40			20	108			172	172								
	1	42			4	12			82	88								
	2	42			29	107			166	166								
	3	42			15	102			166	166								
	1	44			2	10			6	13								
	2	44			21	78			154	154								
	3	44			12	96			155	155								
2070	1	40			19	29			113	114								
(91)	2	40			44	108			173	179								
	3	40			26	84			170	174								
	1	42			13	19			59	61								
	2	42			36	73			157	160								
	3	42			20	74			157	161								
	1	44			7	7			26	26								
	2	44			26	45			149	151								
	3	44			17	68			149	152								
2070	1	40			11	34			126	128								
(92)	2	40			38	123			197	200								
	3	40			27	107			192	193								
	1	42			5	10			80	81								
	2	42			27	98			179	182								
	3	42			22	101			175	177								
	1	44			2	3			37	38								
	2	44			18	65			154	157								
	3	44			15	97			166	169								
2070	1	40			6	15			105	106								
(93)	2	40			17	80			175	176								
	3	40			8	67			173	173								
	1	42			3	11			45	47								
	2	42			11	49			162	162								
	3	42			7	62			169	169								
	1	44			1	4			6	9								
	2	44			9	27			142	142								
	3	44			6	57			152	153								
2070	1	40	1	1	20	34	1	1	106	108								
(94)	2	40	1	1	29	103	1	1	174	176								
	3	40		1	25	92		1	178	180								
	1	42	1	1	13	18	1	1	71	72								
	2	42	1	1	28	74	1	1	165	167								
	3	42		1	18	84		1	169	170								
	1	44		1	9	11		1	32	32								
	2	44	1	1	24	51	1	1	144	147								
	3	44		1	16	75		1	154	155								
2070	1	40		1	6	23		1	150	151								
(95)	2	40		1	25	140		1	202	206								
	3	40		2	20	124		2	197	200								
	1	42			5	10			83	85								
	2	42		1	19	93		1	194	198								
	3	42		1	18	113		1	188	192								
	1	44			3	3			31	31								
	2	44		1	14	54		1	178	180								
	3	44		1	13	96		1	179	182								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(7)

City	Townsville	Dress	Naked	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			5	24			157	159								
(96)	2	40			15	145			205	207								
	3	40			10	120			203	204								
	1	42			1	6			83	86								
	2	42			13	117			196	198								
	3	42			8	113			194	195								
	1	44			1	2			19	20								
	2	44			6	66			181	183								
	3	44			4	104			185	187								
2070	1	40			2	6			103	103								
(97)	2	40			8	95			166	166								
	3	40			6	77			165	166								
	1	42			1	1			58	58								
	2	42			5	52			153	153								
	3	42			4	62			155	155								
	1	44			1	1			10	10								
	2	44			3	25			136	137								
	3	44			3	57			144	145								
2070	1	40			6	14			166	166								
(98)	2	40			26	132			217	217								
	3	40			16	110			219	219								
	1	42			1	3			112	112								
	2	42			20	92			199	199								
	3	42			10	95			208	208								
	1	44							39	39								
	2	44			14	54			190	190								
	3	44			4	83			196	196								
2070	1	40			5	15			120	120								
(99)	2	40			21	95			180	181								
	3	40			11	80			177	178								
	1	42			1	1			82	82								
	2	42			16	65			162	163								
	3	42			5	69			168	168								
	1	44							23	23								
	2	44			9	31			144	145								
	3	44			3	61			152	152								
2070	1	40			1	7			111	112								
(00)	2	40			13	67			194	196								
	3	40			5	55			186	187								
	1	42				1			60	61								
	2	42			6	36			174	177								
	3	42			4	49			173	175								
	1	44							10	10								
	2	44			6	18			147	149								
	3	44			3	39			158	159								
2070	1	40			6	26			135	137								
(01)	2	40			21	141			203	204								
	3	40			11	117			201	202								
	1	42			4	8			78	78								
	2	42			14	97			195	197								
	3	42			7	104			193	194								
	1	44			2	2			20	20								
	2	44			8	73			178	180								
	3	44			5	99			183	184								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(7a)

City	Townsville	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			18	101			129	128								
(90)	2	40		1	47	150		1	184	184								
	3	40			31	137			172	172								
	1	42			6	41			83	82								
	2	42			35	140			166	166								
	3	42			22	130			166	166								
	1	44			2	16			6	6								
	2	44			21	128			154	154								
	3	44			14	118			155	155								
2070	1	40			19	70			113	113								
(91)	2	40			45	148			173	173								
	3	40			31	132			170	170								
	1	42			13	28			59	59								
	2	42			37	140			158	157								
	3	42			24	121			157	157								
	1	44			7	14			26	26								
	2	44			30	116			149	149								
	3	44			18	104			149	149								
2070	1	40			11	95			126	126								
(92)	2	40			45	150			198	196								
	3	40			38	139			192	192								
	1	42			6	44			81	80								
	2	42			29	137			180	179								
	3	42			28	131			175	174								
	1	44			2	10			37	37								
	2	44			20	127			154	154								
	3	44			19	122			166	166								
2070	1	40			8	49			106	105								
(93)	2	40			18	133			175	175								
	3	40			12	126			173	173								
	1	42			3	18			45	45								
	2	42			13	109			162	162								
	3	42			10	103			169	169								
	1	44			1	9			6	6								
	2	44			11	88			142	142								
	3	44			6	82			152	152								
2070	1	40	1	1	21	74	1	1	106	106								
(94)	2	40	1	3	35	152	1	3	174	174								
	3	40		2	30	142		2	178	178								
	1	42	1	1	13	36	1	1	71	71								
	2	42	1	1	30	137	1	1	165	165								
	3	42		1	23	126		1	169	169								
	1	44		1	9	16		1	32	32								
	2	44	1	1	25	119	1	1	144	144								
	3	44		1	19	112		1	155	154								
2070	1	40		1	7	93		1	150	150								
(95)	2	40		2	28	175		2	202	202								
	3	40		2	28	161		2	197	197								
	1	42		1	5	31		1	83	83								
	2	42		2	23	163		2	194	194								
	3	42		2	22	152		2	188	188								
	1	44			3	12			31	31								
	2	44		2	16	149		2	178	178								
	3	44		2	17	144		2	179	179								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(7a)

City	Townsville	Dress	Naked	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	116			157	157								
(96)	2	40			23	169			206	205								
	3	40			22	167			203	203								
	1	42			1	30			83	83								
	2	42			15	165			196	196								
	3	42			12	154			194	194								
	1	44			1	7			19	19								
	2	44			9	154			181	181								
	3	44			7	148			185	185								
2070	1	40			2	50			103	103								
(97)	2	40			11	127			166	166								
	3	40			9	115			165	165								
	1	42			1	10			58	58								
	2	42			6	115			153	153								
	3	42			8	107			155	155								
	1	44			1	1			10	10								
	2	44			3	102			136	136								
	3	44			3	95			144	144								
2070	1	40			6	90			166	166								
(98)	2	40			27	164			217	217								
	3	40			24	158			219	219								
	1	42			1	22			112	112								
	2	42			20	156			199	199								
	3	42			15	149			208	208								
	1	44				2			39	39								
	2	44			15	142			190	190								
	3	44			7	138			196	196								
2070	1	40			5	64			120	120								
(99)	2	40			24	125			180	180								
	3	40			18	111			177	177								
	1	42			1	14			82	82								
	2	42			18	112			162	162								
	3	42			9	98			168	168								
	1	44				4			23	23								
	2	44			9	103			144	144								
	3	44			5	93			152	152								
2070	1	40			1	34			111	111								
(00)	2	40			13	123			194	194								
	3	40			5	106			186	186								
	1	42				9			60	60								
	2	42			9	103			174	174								
	3	42			5	88			173	173								
	1	44				3			10	10								
	2	44			6	78			147	147								
	3	44			4	75			158	158								
2070	1	40			6	97			135	135								
(01)	2	40			25	181			203	203								
	3	40			27	162			201	201								
	1	42			4	39			78	78								
	2	42			18	169			195	195								
	3	42			14	147			193	193								
	1	44			2	10			20	20								
	2	44			10	150			178	178								
	3	44			8	138			183	183								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(8)

City	Townsville	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			26	100			158	158								
(90)	2	40			73	152			209	209								
	3	40			70	135			203	203								
	1	42			17	39			135	135								
	2	42			54	140			197	198								
	3	42			44	124			194	194								
	1	44			4	13			86	92								
	2	44			40	128			186	187								
	3	44			33	116			185	185								
2070	1	40			30	61			153	155								
(91)	2	40			58	144			218	219								
	3	40			47	126			214	215								
	1	42			20	33			118	119								
	2	42			52	129			204	207								
	3	42			40	110			200	202								
	1	44			15	22			63	66								
	2	44			45	113			174	181								
	3	44			37	98			185	189								
2070	1	40			20	88			164	167								
(92)	2	40			64	142			235	236								
	3	40			62	135			230	230								
	1	42			11	37			130	133								
	2	42			53	135			218	220								
	3	42			47	128			222	222								
	1	44			5	10			83	84								
	2	44			40	127			201	204								
	3	44			40	117			211	211								
2070	1	40			10	47			152	152								
(93)	2	40			28	122			202	204								
	3	40			27	116			205	205								
	1	42			6	16			108	109								
	2	42			22	103			190	191								
	3	42			15	85			192	192								
	1	44			3	11			48	50								
	2	44			19	84			176	177								
	3	44			13	76			186	186								
2070	1	40	1	1	26	64	1	1	154	157								
(94)	2	40	1	2	54	146	1	2	207	207							2	2
	3	40		1	48	130		1	202	204							3	3
	1	42	1	1	21	35	1	1	111	114								
	2	42	1	1	42	128	1	1	194	195							1	1
	3	42		1	36	119		1	194	195								
	1	44	1	1	13	18	1	1	73	74								
	2	44	1	1	30	105	1	1	178	180								
	3	44		1	29	106		1	184	185								
2070	1	40		1	17	75		1	185	189								
(95)	2	40	1	2	42	171	1	2	228	229								
	3	40		2	49	158		2	229	230								
	1	42		1	7	23		1	150	151								
	2	42	1	2	35	155	1	2	214	215								
	3	42		2	35	145		2	215	216								
	1	44			5	10			91	93								
	2	44		1	25	143		1	202	207								
	3	44		2	29	139		2	206	208								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(8)

City	Townsville	Dress	Naked	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			10	96			190	193								
(96)	2	40			46	166			232	232								
	3	40			57	160			233	233								
	1	42			5	26			161	163								
	2	42			29	162			223	223								
	3	42			35	152			220	221								
	1	44			1	6			88	91								
	2	44			17	150			209	210								
	3	44			18	140			213	214								
2070	1	40			4	43			149	149								
(97)	2	40			21	122			206	206								
	3	40			29	112			210	210								
	1	42			2	7			105	105								
	2	42			13	107			190	190								
	3	42			13	102			195	195								
	1	44			1	1			65	65								
	2	44			9	96			169	169								
	3	44			9	92			179	179								
2070	1	40			19	77			196	196								
(98)	2	40			51	160			257	257							1	1
	3	40			53	153			250	250								
	1	42			8	18			169	169								
	2	42			38	153			239	239								
	3	42			36	145			245	245								
	1	44			2	4			116	116								
	2	44			30	134			220	220								
	3	44			26	135			229	229								
2070	1	40			11	52			154	155								
(99)	2	40			35	121			215	217								
	3	40			36	104			209	210								
	1	42			7	17			125	125								
	2	42			31	107			198	199								
	3	42			25	94			198	199								
	1	44			1	1			86	86								
	2	44			25	99			180	181								
	3	44			21	89			189	190								
2070	1	40			6	32			157	160								
(00)	2	40			25	112			220	223								
	3	40			22	96			218	220								
	1	42			1	8			116	117								
	2	42			20	93			210	212								
	3	42			15	81			209	211								
	1	44				1			66	67								
	2	44			14	75			199	200								
	3	44			11	74			196	198								
2070	1	40			10	88			192	194								
(01)	2	40			56	175			230	230								
	3	40			60	150			222	222								
	1	42			7	28			143	145								
	2	42			34	159			218	218								
	3	42			37	143			215	216								
	1	44			4	8			82	82								
	2	44			23	143			206	207								
	3	44			26	135			206	207								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(8a)

City	Townsville	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			29	135			158	158								
(90)	2	40		7	103	177		7	209	209								
	3	40		4	91	160		4	203	203								
	1	42			18	105			135	134								
	2	42		3	71	170		3	197	197								
	3	42		2	77	147		2	194	194								
	1	44			6	44			87	86								
	2	44		1	50	156		1	186	186								
	3	44			52	143			185	185								
2070	1	40			33	127			154	153								
(91)	2	40			68	177			218	218								
	3	40			59	169			214	214								
	1	42			20	73			118	118								
	2	42			55	166			204	204								
	3	42			49	155			200	200								
	1	44			15	32			63	63								
	2	44			47	151			174	174								
	3	44			38	142			186	185								
2070	1	40			23	130			165	164								
(92)	2	40		1	87	181		1	235	235								
	3	40		1	81	168		1	230	230								
	1	42			11	100			130	130								
	2	42		1	61	170		1	219	218								
	3	42		1	68	150		1	222	222								
	1	44			6	46			84	83								
	2	44			46	155			202	200								
	3	44			52	143			211	210								
2070	1	40			13	99			152	152								
(93)	2	40		1	42	172		1	202	202								
	3	40			45	152			205	205								
	1	42			8	57			109	108								
	2	42			27	161			190	190								
	3	42			31	143			192	192								
	1	44			3	19			48	48								
	2	44			21	141			176	176								
	3	44			19	132			186	186								
2070	1	40	1	1	27	128	1	1	155	154								
(94)	2	40	1	3	64	177	1	3	207	207							2	2
	3	40		3	63	169		3	202	202							3	3
	1	42	1	1	22	84	1	1	111	111								
	2	42	1	3	53	168	1	3	194	194							1	1
	3	42		3	51	157		3	194	194								
	1	44	1	1	13	38	1	1	73	73								
	2	44	1	3	35	161	1	3	178	178								
	3	44		3	40	151		3	184	184								
2070	1	40		2	19	155		2	185	185								
(95)	2	40	1	2	62	197	1	2	228	228								
	3	40	1	2	74	182	1	2	229	229								
	1	42		1	8	109		1	150	150								
	2	42	1	2	41	189	1	2	214	214								
	3	42		2	58	178		2	215	215								
	1	44		1	5	34		1	91	91								
	2	44	1	2	30	177	1	2	202	202								
	3	44		2	40	172		2	207	206								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(8a)

City	Townsville	Dress	Naked	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			12	162			190	190								
(96)	2	40			91	205			232	232								
	3	40			92	187			233	233								
	1	42			6	129			161	161								
	2	42			46	189			223	222								
	3	42			68	179			221	220								
	1	44			1	32			88	88								
	2	44			25	175			210	209								
	3	44			38	173			213	213								
2070	1	40			4	107			149	149								
(97)	2	40			38	163			206	206								
	3	40			47	142			210	210								
	1	42			2	60			105	105								
	2	42			20	152			190	190								
	3	42			32	132			195	195								
	1	44			1	11			65	65								
	2	44			11	132			169	169								
	3	44			18	121			179	179								
2070	1	40			20	152			196	196								
(98)	2	40			75	196			257	257							1	1
	3	40			76	185			250	250								
	1	42			8	98			169	169								
	2	42			46	182			239	239								
	3	42			56	173			245	245								
	1	44			2	25			116	116								
	2	44			31	166			220	220								
	3	44			37	167			229	229								
2070	1	40			12	105			154	154								
(99)	2	40			52	171			216	215								
	3	40			59	146			209	209								
	1	42			7	77			125	125								
	2	42			33	149			198	198								
	3	42			41	136			198	198								
	1	44			1	16			86	86								
	2	44			28	132			180	180								
	3	44			24	124			189	189								
2070	1	40			7	91			158	157								
(00)	2	40			34	157			221	220								
	3	40			33	136			218	218								
	1	42			1	42			116	116								
	2	42			23	145			210	210								
	3	42			26	121			209	209								
	1	44				9			66	66								
	2	44			14	129			199	199								
	3	44			18	113			196	196								
2070	1	40			12	157			192	192								
(01)	2	40			87	207			230	230								
	3	40			88	185			222	222								
	1	42			7	113			143	143								
	2	42			58	201			218	218								
	3	42			66	179			216	215								
	1	44			4	42			82	82								
	2	44			28	185			206	206								
	3	44			48	174			206	206								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(9)

City	Townsville	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			28	103			162	162								
(90)	2	40			79	153			210	210								
	3	40			74	138			206	206								
	1	42			20	43			137	137								
	2	42			61	142			200	201								
	3	42			51	130			198	198								
	1	44			6	18			90	97								
	2	44			41	131			188	189								
	3	44			39	119			186	186								
2070	1	40			33	66			156	158								
(91)	2	40			61	150			221	222								
	3	40			50	127			219	220							1	1
	1	42			20	34			125	126								
	2	42			54	136			206	209								
	3	42			41	121			208	209								
	1	44			16	23			67	70								
	2	44			46	113			179	185								
	3	44			37	102			191	193								
2070	1	40			24	93			173	176								
(92)	2	40			67	149			237	238								
	3	40			68	139			232	232							2	2
	1	42			13	41			133	136								
	2	42			54	136			225	227								
	3	42			50	129			225	225								
	1	44			5	11			89	91								
	2	44			41	127			204	206								
	3	44			41	122			215	215								
2070	1	40			11	48			156	156								
(93)	2	40			31	131			207	209								
	3	40			30	122			209	209								
	1	42			6	19			115	116								
	2	42			25	108			195	196								
	3	42			17	95			195	195								
	1	44			3	11			56	58								
	2	44			19	87			176	177								
	3	44			14	79			187	187								
2070	1	40	1	1	27	66	1	1	159	161								
(94)	2	40	1	2	56	149	1	2	207	207							4	4
	3	40		2	53	135		1	205	207							4	4
	1	42	1	1	22	40	1	1	119	122								
	2	42	1	1	43	135	1	1	200	201							1	1
	3	42		1	37	124		1	196	197							1	1
	1	44	1	1	13	19	1	1	75	76								
	2	44	1	1	32	113	1	1	181	183							1	1
	3	44		1	31	108		1	185	186								
2070	1	40		1	19	89		1	189	193								
(95)	2	40	1	2	47	174	1	2	230	231							1	1
	3	40		2	55	158		2	230	231							1	1
	1	42		1	9	29		1	154	156								
	2	42	1	2	38	161	1	2	215	216								
	3	42		2	41	150		2	219	221								
	1	44			5	14			101	104								
	2	44		1	27	146		1	203	208								
	3	44		2	30	144		2	209	211								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(9)

City	Townsville	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			11	110			192	194								
(96)	2	40			52	167			236	236								
	3	40			63	162			234	234								
	1	42			6	28			166	168								
	2	42			32	165			227	227								
	3	42			39	154			223	224								
	1	44			1	6			101	103								
	2	44			17	152			211	212								
	3	44			27	148			215	216								
2070	1	40			4	50			151	151								
(97)	2	40			27	126			210	210								
	3	40			32	116			213	213								
	1	42			3	11			112	113								
	2	42			13	109			195	195								
	3	42			18	106			200	200								
	1	44			1	1			71	71								
	2	44			10	100			173	173								
	3	44			10	94			183	183								
2070	1	40			20	85			198	198								
(98)	2	40			59	165			260	260							1	1
	3	40			57	155			255	255								
	1	42			10	24			174	174								
	2	42			41	156			243	243								
	3	42			37	148			248	248								
	1	44			2	4			126	126								
	2	44			32	138			225	225								
	3	44			29	139			234	234								
2070	1	40			15	61			157	158								
(99)	2	40			38	123			218	220								
	3	40			37	106			211	212								
	1	42			7	18			127	127								
	2	42			32	109			201	202								
	3	42			29	95			201	202								
	1	44			1	3			92	92								
	2	44			25	102			182	183								
	3	44			22	92			192	193								
2070	1	40			6	36			165	168								
(00)	2	40			29	116			222	224								
	3	40			25	103			222	223								
	1	42			2	9			120	121								
	2	42			21	97			211	214								
	3	42			16	85			211	213								
	1	44				1			70	71								
	2	44			16	79			199	200								
	3	44			11	77			198	200								
2070	1	40			12	93			194	196								
(01)	2	40			61	180			230	230								
	3	40			63	150			225	225							2	2
	1	42			7	34			154	155								
	2	42			40	167			223	223								
	3	42			44	147			216	217								
	1	44			5	11			90	91								
	2	44			26	149			209	210								
	3	44			29	139			211	212								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(9a)

City	Townsville	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			34	137			162	162								
(90)	2	40		7	106	178		7	210	210								
	3	40		4	97	165		4	206	206								
	1	42			20	108			137	137								
	2	42		4	81	172		4	200	200								
	3	42		2	80	151		2	198	198								
	1	44			9	51			92	90								
	2	44		1	53	156		1	188	188								
	3	44		1	63	145		1	186	186								
2070	1	40			35	132			157	156								
(91)	2	40			75	184			221	221								
	3	40			67	173			219	219							1	1
	1	42			21	79			125	125								
	2	42			60	170			206	206								
	3	42			51	157			208	208								
	1	44			16	35			67	67								
	2	44			49	156			179	179								
	3	44			39	148			191	191								
2070	1	40			26	132			174	173								
(92)	2	40		1	93	188		1	237	237								
	3	40		1	92	172		1	232	232							2	2
	1	42			13	105			133	133								
	2	42		1	65	173		1	226	225								
	3	42		1	73	156		1	225	225								
	1	44			6	47			90	89								
	2	44			46	156			204	203								
	3	44		1	59	146		1	215	215								
2070	1	40			13	104			156	156								
(93)	2	40		1	48	172		1	207	207								
	3	40			52	152			209	209								
	1	42			8	61			116	115								
	2	42		1	30	166		1	195	195								
	3	42			39	147			195	195								
	1	44			4	22			57	56								
	2	44			22	144			176	176								
	3	44			24	132			187	187								
2070	1	40	1	1	28	135	1	1	159	159								
(94)	2	40	1	4	69	181	1	4	207	207							4	4
	3	40	1	5	70	170	1	4	205	205							4	4
	1	42	1	1	22	86	1	1	119	119								
	2	42	1	3	55	171	1	3	200	200							1	1
	3	42		3	54	158		3	196	196							1	1
	1	44	1	1	13	41	1	1	75	75								
	2	44	1	3	36	162	1	3	181	181							1	1
	3	44		3	42	153		3	185	185								
2070	1	40		2	22	161		2	189	189								
(95)	2	40	1	2	72	201	1	2	230	230							1	1
	3	40	1	2	88	182	1	2	230	230							1	1
	1	42		1	10	122		1	154	154								
	2	42	1	2	50	190	1	2	215	215								
	3	42		2	67	179		2	220	219								
	1	44		1	5	39		1	101	101								
	2	44	1	2	31	182	1	2	203	203								
	3	44		2	45	176		2	210	209								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(9a)

City	Townsville	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			14	165			192	192								
(96)	2	40		1	98	207		1	236	236								
	3	40			104	189			234	234								
	1	42			6	131			166	166								
	2	42			52	192			227	227								
	3	42			79	181			224	223								
	1	44			1	38			101	101								
	2	44			28	179			212	211								
	3	44			51	173			216	215								
2070	1	40			4	109			151	151								
(97)	2	40			44	168			210	210								
	3	40			55	146			213	213								
	1	42			3	69			112	112								
	2	42			26	156			195	195								
	3	42			37	134			200	200								
	1	44			1	17			71	71								
	2	44			12	137			173	173								
	3	44			21	126			183	183								
2070	1	40			20	154			198	198								
(98)	2	40			84	198			260	260							1	1
	3	40			81	187			255	255								
	1	42			11	106			174	174								
	2	42			55	186			243	243								
	3	42			62	177			248	248								
	1	44			2	32			126	126								
	2	44			34	170			225	225								
	3	44			45	169			234	234								
2070	1	40			18	107			157	157								
(99)	2	40			59	174			219	218								
	3	40			63	151			211	211								
	1	42			7	82			127	127								
	2	42			35	152			201	201								
	3	42			50	141			201	201								
	1	44			1	18			92	92								
	2	44			29	138			182	182								
	3	44			30	127			192	192								
2070	1	40			8	95			165	165								
(00)	2	40			40	163			222	222								
	3	40			39	138			222	222								
	1	42			2	48			120	120								
	2	42			28	150			211	211								
	3	42			27	126			211	211								
	1	44				12			70	70								
	2	44			16	131			199	199								
	3	44			20	118			198	198								
2070	1	40			15	165			194	194								
(01)	2	40			92	208			230	230								
	3	40			95	187			225	225							2	2
	1	42			7	116			154	154								
	2	42			64	202			223	223								
	3	42			74	181			217	216								
	1	44			5	48			90	90								
	2	44			36	188			209	209								
	3	44			53	176			211	211								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(10)

City	Townsville	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	8	144	182		7	235	236					1	1	7	7
(90)	2	40	26	40	182	230	75	83	275	278	94	94	104	104	121	121	179	179
	3	40	3	18	160	207	108	117	268	268	108	108	117	117	150	150	205	205
	1	42		1	98	163		1	215	215								
	2	42	20	28	167	218	20	27	266	267	40	40	60	60	84	84	137	137
	3	42	3	13	154	197	69	78	264	264	77	77	97	97	120	120	173	173
	1	44			47	134			194	195								
	2	44	11	19	155	206	2	10	253	254	2	2	10	10	27	27	98	98
	3	44	3	11	149	190	31	39	258	258	40	40	63	63	94	94	150	150
2070	1	40	7	7	115	184			260	261	1	1	2	2	11	11	31	31
(91)	2	40	16	23	174	232	72	75	304	304	81	81	90	90	101	101	153	153
	3	40	5	11	149	212	87	88	302	303	90	90	102	102	121	121	183	183
	1	42			66	154			229	231								
	2	42	12	18	160	220	52	55	291	291	46	46	64	64	77	77	114	114
	3	42	3	6	140	204	68	70	292	293	65	65	81	81	100	100	153	153
	1	44			48	120			186	192								
	2	44	11	14	143	207	24	26	276	276	22	22	35	35	55	55	81	81
	3	44	2	4	131	198	53	55	286	286	50	50	66	66	77	77	129	129
2070	1	40		1	136	191	4	5	271	271	4	4	8	8	8	8	35	35
(92)	2	40	12	22	179	252	69	70	307	307	94	94	100	100	115	115	184	184
	3	40	2	17	154	235	97	99	302	303	121	121	134	134	163	163	219	219
	1	42			77	157			247	248							1	1
	2	42	8	14	164	240	51	53	304	304	59	59	67	67	74	74	127	127
	3	42	2	10	147	222	67	69	298	298	84	84	99	99	126	126	188	188
	1	44			50	132			210	212								
	2	44	4	5	147	221	22	23	293	295	30	30	41	41	52	52	76	76
	3	44		4	141	212	48	50	295	295	58	58	77	77	90	90	153	153
2070	1	40	1	2	91	173		1	255	255			2	2	4	4	6	6
(93)	2	40	15	23	166	213	41	46	311	311	76	76	85	85	98	98	155	155
	3	40		7	139	196	71	76	315	315	95	95	111	111	134	134	199	199
	1	42			37	144			216	218								
	2	42	11	19	148	205	10	16	304	304	26	26	48	48	56	56	114	114
	3	42		4	134	192	42	45	301	301	56	56	73	73	104	104	164	164
	1	44			20	93			180	181								
	2	44	4	8	123	196	5	9	281	281	7	7	10	10	13	13	59	59
	3	44		3	120	182	17	20	289	289	30	30	53	53	65	65	132	132
2070	1	40	7	8	116	184	5	6	237	239	5	5	11	11	15	15	33	33
(94)	2	40	21	28	178	229	70	72	284	286	79	79	86	86	96	96	143	143
	3	40	5	20	153	217	81	84	284	285	93	93	106	106	120	120	182	182
	1	42	1	3	63	164	1	3	213	215					1	1	5	5
	2	42	20	25	166	219	46	48	276	278	52	52	63	63	74	74	102	102
	3	42	4	15	144	203	67	68	276	277	75	75	83	83	97	97	143	143
	1	44	1	1	34	121	1	1	189	190							1	1
	2	44	16	19	148	204	26	27	259	260	31	31	39	39	49	49	74	74
	3	44	4	10	133	198	57	57	267	268	60	60	69	69	77	77	122	122
2070	1	40	1	2	141	200	5	6	263	263	5	5	8	8	11	11	27	27
(95)	2	40	3	14	191	233	84	87	308	310	96	96	111	111	135	135	192	192
	3	40	2	15	176	216	107	112	307	308	131	131	147	147	164	164	215	215
	1	42	1	2	58	177	1	2	239	240							3	3
	2	42	3	8	179	223	51	53	297	298	68	68	76	76	88	88	148	148
	3	42	2	11	165	206	79	83	300	300	96	96	111	111	132	132	186	186
	1	44		2	31	151		2	206	210								
	2	44	3	6	164	213	19	21	283	284	31	31	40	40	51	51	94	94
	3	44	2	8	160	201	58	60	295	295	71	71	81	81	98	98	166	166

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(10)

City	Townsville	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	1	149	207			275	276					1	1	17	17
(96)	2	40	3	11	185	248	72	76	316	317	99	99	113	113	130	130	190	190
	3	40		9	178	226	105	110	311	311	127	127	136	136	169	169	219	219
	1	42			73	176			247	248								
	2	42	3	8	174	233	32	36	305	307	52	52	67	67	82	82	150	150
	3	42		6	171	223	73	77	300	301	92	92	110	110	132	132	194	194
	1	44			24	154			215	215								
	2	44	2	3	172	220	10	11	292	293	19	19	28	28	34	34	85	85
	3	44		2	164	212	41	43	298	298	63	63	72	72	96	96	173	173
2070	1	40	1	1	102	168			241	241			1	1	5	5	11	11
(97)	2	40	3	4	154	223	62	62	281	281	74	74	84	84	100	100	140	140
	3	40		2	133	207	81	83	285	286	96	96	107	107	126	126	181	181
	1	42			34	134			222	222								
	2	42	2	2	137	213	30	30	266	266	38	38	50	50	68	68	111	111
	3	42			127	200	63	63	275	276	69	69	84	84	105	105	148	148
	1	44			11	104			184	184								
	2	44	2	2	121	191	10	10	255	255	14	14	21	21	32	32	69	69
	3	44			119	188	42	43	262	263	46	46	58	58	77	77	122	122
2070	1	40			143	199	1	1	294	295	2	2	2	2	4	4	25	25
(98)	2	40	7	9	190	254	116	116	334	334	141	141	155	155	180	180	224	224
	3	40		2	177	236	155	155	328	328	181	181	194	194	211	211	262	262
	1	42			69	169			267	267							1	1
	2	42	4	6	179	239	65	65	327	327	96	96	108	108	132	132	187	187
	3	42		1	169	225	118	118	324	324	143	143	163	163	183	183	230	230
	1	44			34	143			234	234								
	2	44	3	4	166	219	18	19	318	318	39	39	54	54	63	63	131	131
	3	44		1	160	213	79	79	316	316	102	102	119	119	144	144	203	203
2070	1	40			102	174			262	262					2	2	21	21
(99)	2	40	3	7	156	236	78	78	307	307	101	101	119	119	134	134	163	163
	3	40		4	133	197	112	113	300	300	133	133	144	144	153	153	193	193
	1	42			47	134			227	228								
	2	42	1	2	139	215	49	49	294	295	57	57	72	72	88	88	137	137
	3	42		1	121	190	84	84	293	293	102	102	115	115	138	138	177	177
	1	44			26	105			190	191								
	2	44	1	2	120	201	14	14	285	286	27	27	36	36	52	52	94	94
	3	44			116	183	55	55	282	282	75	75	84	84	103	103	151	151
2070	1	40			73	163			254	255					2	2	11	11
(00)	2	40	5	8	151	224	73	75	291	293	102	102	115	115	130	130	197	197
	3	40		2	124	207	113	114	290	290	136	136	159	159	182	182	218	218
	1	42			32	129			228	231								
	2	42	5	6	136	208	38	39	280	281	46	46	62	62	85	85	145	145
	3	42		2	117	194	72	73	283	283	102	102	119	119	146	146	202	202
	1	44			19	82			203	205								
	2	44	2	2	107	190	8	8	272	273	16	16	25	25	38	38	86	86
	3	44		2	111	180	50	51	277	277	54	54	71	71	106	106	175	175
2070	1	40	1	1	145	210			263	266	1	1	3	3	4	4	21	21
(01)	2	40	9	18	202	255	66	71	308	312	81	81	94	94	109	109	176	176
	3	40		9	180	233	88	93	305	307	107	107	123	123	147	147	209	209
	1	42			77	187			239	240								
	2	42	6	10	185	240	33	35	296	297	48	48	62	62	72	72	119	119
	3	42		6	169	226	68	74	294	295	76	76	85	85	108	108	182	182
	1	44			31	153			212	212								
	2	44	5	6	172	227	16	16	284	285	23	23	24	24	35	35	78	78
	3	44		2	155	215	45	46	284	285	56	56	67	67	77	77	150	150

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(10a)

City	Townsville	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	10	147	213		9	235	235					1	1	7	7
(90)	2	40	30	86	190	245	79	106	275	275	94	94	104	105	121	127	179	179
	3	40	5	76	170	234	109	132	268	268	108	114	117	125	150	156	205	205
	1	42		8	116	190		8	215	215								
	2	42	21	54	179	237	21	47	266	266	40	40	60	60	84	85	137	137
	3	42	5	60	159	224	70	100	264	264	77	78	97	99	120	127	173	173
	1	44		2	57	164		2	194	194								
	2	44	12	32	164	230	3	23	253	253	2	2	10	10	27	27	98	98
	3	44	3	37	155	215	31	61	258	258	40	41	63	64	94	96	150	150
2070	1	40	7	13	128	218		6	260	260	1	1	2	2	11	11	31	31
(91)	2	40	16	40	185	270	72	80	304	304	81	81	90	90	101	101	153	153
	3	40	5	35	166	248	87	94	302	302	90	90	102	102	121	123	183	183
	1	42			82	191			229	229								
	2	42	12	27	171	258	52	60	291	291	46	46	64	64	77	77	114	114
	3	42	3	21	160	240	68	71	292	292	65	65	81	81	100	100	153	153
	1	44			52	159			186	186								
	2	44	11	19	155	243	24	31	276	276	22	22	35	35	55	55	81	81
	3	44	2	12	142	233	53	57	286	286	50	50	66	66	77	77	129	129
2070	1	40		8	140	238	4	11	271	271	4	4	8	8	8	8	35	35
(92)	2	40	12	71	191	280	69	88	307	307	94	94	100	101	115	116	184	184
	3	40	3	70	166	269	98	115	302	302	121	122	134	135	163	167	219	219
	1	42		1	100	197		1	247	247							1	1
	2	42	9	48	177	268	52	66	304	304	59	59	67	67	74	74	127	127
	3	42	3	54	155	259	68	83	298	298	84	85	99	100	126	127	188	188
	1	44		1	57	163		1	211	210								
	2	44	4	24	162	256	22	34	293	293	30	30	41	41	52	52	76	76
	3	44		29	148	250	48	59	295	295	58	58	77	77	90	91	153	153
2070	1	40	1	9	102	197		8	255	255			2	2	4	4	6	6
(93)	2	40	16	38	181	255	42	54	311	311	76	76	85	85	98	98	155	155
	3	40		39	151	236	72	89	315	315	95	95	111	112	134	136	199	199
	1	42		3	56	176		3	216	216								
	2	42	11	26	166	244	10	21	304	304	26	26	48	48	56	56	114	114
	3	42		27	145	225	42	56	301	301	56	56	73	73	104	106	164	164
	1	44			25	154			180	180								
	2	44	4	13	146	225	5	12	281	281	7	7	10	10	13	13	59	59
	3	44		14	132	215	17	27	289	289	30	30	53	53	65	65	132	132
2070	1	40	7	14	134	216	5	11	237	237	5	5	11	11	15	15	33	33
(94)	2	40	21	52	189	256	70	78	285	284	79	79	86	86	96	96	143	143
	3	40	6	50	163	250	81	89	284	284	93	93	106	106	120	123	182	182
	1	42	1	5	75	189	1	5	213	213					1	1	5	5
	2	42	20	43	176	251	46	62	276	276	52	52	63	63	74	74	102	102
	3	42	5	39	157	239	67	76	276	276	75	75	83	83	97	97	143	143
	1	44	1	3	42	163	1	3	189	189							1	1
	2	44	17	32	163	237	26	36	259	259	31	31	39	39	49	49	74	74
	3	44	5	29	147	231	57	65	267	267	60	60	69	69	77	77	122	122
2070	1	40	2	7	153	222	6	10	263	263	5	5	8	8	11	11	27	27
(95)	2	40	3	53	199	262	84	98	308	308	96	96	111	111	135	135	192	192
	3	40	2	64	183	253	107	121	307	307	131	131	147	148	164	167	215	215
	1	42	1	2	90	205	1	2	239	239							3	3
	2	42	3	29	189	248	51	60	297	297	68	68	76	76	88	88	148	148
	3	42	2	40	180	234	79	89	300	300	96	96	111	111	132	133	186	186
	1	44	1	2	34	185	1	2	207	206								
	2	44	3	19	177	237	19	27	283	283	31	31	40	40	51	51	94	94
	3	44	2	26	170	230	58	63	295	295	71	72	81	81	98	98	166	166

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(10a)

City	Townsville	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	1	6	158	232		5	275	275					1	1	17	17
(96)	2	40	3	66	204	286	72	104	316	316	99	99	113	113	130	130	190	190
	3	40		74	188	275	105	135	311	311	127	127	136	137	169	173	219	219
	1	42		1	114	208		1	247	247								
	2	42	3	28	186	268	32	48	305	305	52	52	67	67	82	82	150	150
	3	42		53	181	260	73	101	300	300	92	92	110	110	132	132	194	194
	1	44			34	180			215	214								
	2	44	2	16	174	252	10	22	292	292	19	19	28	28	34	34	85	85
	3	44		28	173	247	41	61	298	298	63	63	72	72	96	96	173	173
2070	1	40	1	1	112	210			241	241			1	1	5	5	11	11
(97)	2	40	3	24	168	247	62	71	281	281	74	74	84	84	100	100	140	140
	3	40		30	148	240	81	90	285	285	96	96	107	107	126	126	181	181
	1	42			60	175			222	222								
	2	42	2	11	154	239	30	39	266	266	38	38	50	50	68	68	111	111
	3	42		20	138	232	63	73	275	275	69	69	84	84	105	105	148	148
	1	44			17	144			184	184								
	2	44	2	5	135	231	10	13	255	255	14	14	21	21	32	32	69	69
	3	44		7	126	226	42	48	262	262	46	46	58	58	77	77	122	122
2070	1	40		2	154	235	1	3	294	294	2	2	2	2	4	4	25	25
(98)	2	40	7	51	203	291	116	124	334	334	141	141	155	155	180	180	224	224
	3	40		58	186	276	155	159	328	328	181	181	194	194	211	211	262	262
	1	42			96	208			267	267							1	1
	2	42	4	23	189	281	65	69	327	327	96	96	108	108	132	132	187	187
	3	42		40	176	268	118	122	324	324	143	143	163	163	183	183	230	230
	1	44			38	174			234	234								
	2	44	3	10	174	265	18	22	318	318	39	39	54	54	63	63	131	131
	3	44		18	170	257	79	83	316	316	102	102	119	119	144	144	203	203
2070	1	40		1	111	211		1	262	262					2	2	21	21
(99)	2	40	3	29	175	268	78	83	307	307	101	101	119	119	134	134	163	163
	3	40		39	150	241	112	119	300	300	133	133	144	144	153	153	193	193
	1	42			71	182			227	227								
	2	42	1	15	154	258	49	52	294	294	57	57	72	72	88	88	137	137
	3	42		22	142	228	84	88	293	293	102	102	115	115	138	138	177	177
	1	44			29	143			190	190								
	2	44	1	8	136	246	14	19	285	285	27	27	36	36	52	52	94	94
	3	44		11	125	217	55	58	282	282	75	75	84	84	103	103	151	151
2070	1	40		1	90	205		1	254	254					2	2	11	11
(00)	2	40	5	20	167	259	73	78	291	291	102	102	115	115	130	130	197	197
	3	40		23	140	242	113	119	290	290	136	136	159	159	182	183	218	218
	1	42			47	169			228	228								
	2	42	5	14	148	249	38	43	281	280	46	46	62	62	85	85	145	145
	3	42		13	128	233	72	78	283	283	102	102	119	119	146	146	202	202
	1	44			21	138			203	203								
	2	44	2	5	131	235	8	11	272	272	16	16	25	25	38	38	86	86
	3	44		6	121	221	50	55	277	277	54	54	71	71	106	106	175	175
2070	1	40	1	5	157	240		4	263	263	1	1	3	3	4	4	21	21
(01)	2	40	9	73	212	293	66	96	308	308	81	81	94	94	109	109	176	176
	3	40		71	189	267	88	107	305	305	107	107	123	123	147	151	209	209
	1	42			98	216			239	239								
	2	42	6	41	200	284	33	58	296	296	48	48	62	62	72	72	119	119
	3	42		57	183	260	68	88	294	294	76	76	85	85	108	108	182	182
	1	44			44	195			212	212								
	2	44	5	17	184	265	16	24	284	284	23	23	24	24	35	35	78	78
	3	44		34	172	251	45	65	284	284	56	56	67	67	77	77	150	150

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(11)

City	Townsville	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			18	50			138	138								
(90)	2	40			41	130			186	187								
	3	40			29	112			173	173								
	1	42			6	18			98	103								
	2	42			36	118			171	172								
	3	42			20	107			171	171								
	1	44			2	10			22	29								
	2	44			25	98			158	158								
	3	44			14	101			159	159								
2070	1	40			20	36			128	129								
(91)	2	40			48	118			178	184								
	3	40			34	95			173	177								
	1	42			16	23			75	78								
	2	42			40	92			162	168								
	3	42			25	81			161	164								
	1	44			8	10			40	41								
	2	44			29	60			153	155								
	3	44			21	75			154	158								
2070	1	40			14	47			135	138								
(92)	2	40			45	128			202	204								
	3	40			37	112			196	196								
	1	42			6	13			95	96								
	2	42			33	114			185	188								
	3	42			27	107			181	182								
	1	44			2	3			55	56								
	2	44			21	88			161	164								
	3	44			22	101			169	171								
2070	1	40			6	20			118	119								
(93)	2	40			17	88			176	177								
	3	40			12	74			174	174								
	1	42			3	11			69	71								
	2	42			15	67			168	169								
	3	42			8	66			170	170								
	1	44			2	5			11	14								
	2	44			10	47			152	152								
	3	44			7	63			162	162								
2070	1	40	1	1	22	43	1	1	123	126								
(94)	2	40	1	1	33	117	1	1	181	182								
	3	40		1	27	98		1	180	182								
	1	42		1	13	20		1	84	86								
	2	42	1	1	29	99	1	1	169	171								
	3	42		1	24	90		1	174	175								
	1	44		1	9	12		1	47	47								
	2	44	1	1	26	64	1	1	151	154								
	3	44			19	87			163	164								
2070	1	40			9	34			156	158								
(95)	2	40		1	29	148		1	203	208								
	3	40		1	29	135		1	197	200								
	1	42			5	15			115	117								
	2	42		1	23	129		1	199	203								
	3	42		1	20	123		1	192	195								
	1	44			3	4			47	48								
	2	44		1	17	75		1	183	187								
	3	44			19	116			184	188								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(11)

City	Townsville	Dress	Naked	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	35			165	167								
(96)	2	40			22	153			210	210								
	3	40			15	132			205	206								
	1	42			1	8			118	120								
	2	42			14	143			198	200								
	3	42			10	118			198	199								
	1	44			1	2			29	30								
	2	44			10	96			190	192								
	3	44			8	112			188	189								
2070	1	40			3	13			113	114								
(97)	2	40			10	102			172	172								
	3	40			9	86			166	166								
	1	42			1	2			82	82								
	2	42			8	84			162	162								
	3	42			6	77			160	161								
	1	44			1	1			27	27								
	2	44			4	43			146	146								
	3	44			4	64			147	147								
2070	1	40			10	30			175	175								
(98)	2	40			31	140			221	221								
	3	40			23	123			220	220								
	1	42			2	4			137	137								
	2	42			25	124			206	206								
	3	42			16	108			211	211								
	1	44				1			59	59								
	2	44			19	77			193	193								
	3	44			10	95			198	198								
2070	1	40			6	18			127	127								
(99)	2	40			25	104			180	181								
	3	40			17	85			178	179								
	1	42			2	5			96	96								
	2	42			19	88			172	173								
	3	42			11	78			168	169								
	1	44				1			38	38								
	2	44			11	52			153	154								
	3	44			5	70			160	160								
2070	1	40			2	10			120	122								
(00)	2	40			15	79			198	199								
	3	40			9	69			189	190								
	1	42				3			76	77								
	2	42			8	55			180	182								
	3	42			5	55			175	176								
	1	44							23	23								
	2	44			6	32			152	155								
	3	44			4	48			162	164								
2070	1	40			7	44			156	157								
(01)	2	40			28	151			210	210								
	3	40			20	130			203	204								
	1	42			5	13			98	100								
	2	42			16	126			200	201								
	3	42			10	117			198	199								
	1	44			2	3			36	36								
	2	44			10	88			188	190								
	3	44			8	107			186	187								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(11a)

City	Townsville	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			18	111			138	138								
(90)	2	40			54	155			186	186								
	3	40			47	142			173	173								
	1	42			9	59			101	98								
	2	42			43	148			171	171								
	3	42			34	133			171	171								
	1	44			2	20			22	22								
	2	44			30	133			158	158								
	3	44			21	127			159	159								
2070	1	40			22	88			128	128								
(91)	2	40			52	155			178	178								
	3	40			35	137			174	173								
	1	42			16	38			75	75								
	2	42			41	142			162	161								
	3	42			30	124			161	161								
	1	44			8	16			40	40								
	2	44			32	126			154	153								
	3	44			24	119			154	154								
2070	1	40			14	112			135	135								
(92)	2	40			52	156			203	202								
	3	40			43	142			196	195								
	1	42			6	59			95	95								
	2	42			40	142			186	184								
	3	42			38	137			181	181								
	1	44			2	20			55	55								
	2	44			24	130			162	161								
	3	44			28	127			169	168								
2070	1	40			9	67			119	118								
(93)	2	40			22	143			176	176								
	3	40			16	129			174	174								
	1	42			4	25			70	69								
	2	42			15	125			168	168								
	3	42			12	121			170	170								
	1	44			2	10			11	11								
	2	44			13	100			152	152								
	3	44			9	95			162	162								
2070	1	40	1	1	22	99	1	1	123	123								
(94)	2	40	1	1	42	162	1	1	181	181								
	3	40		1	36	145		1	180	180								
	1	42	1	1	13	43	1	1	84	84								
	2	42	1	1	34	147	1	1	169	169								
	3	42		1	29	135		1	174	174								
	1	44		1	10	23		1	47	47								
	2	44	1	1	27	130	1	1	152	151								
	3	44		1	23	123		1	163	163								
2070	1	40		1	11	129		1	156	156								
(95)	2	40		2	34	182		2	204	203								
	3	40		2	37	169		2	198	197								
	1	42		1	5	48		1	115	115								
	2	42		2	27	173		2	199	199								
	3	42		2	29	158		2	192	192								
	1	44			3	17			47	47								
	2	44		1	20	155		1	183	183								
	3	44		2	20	150		2	184	184								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(11a)

City	Townsville	Dress	Naked	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	143			165	165								
(96)	2	40			33	179			210	209								
	3	40			35	170			205	205								
	1	42			1	60			118	118								
	2	42			22	166			199	198								
	3	42			24	163			198	198								
	1	44			1	13			29	29								
	2	44			12	162			190	190								
	3	44			11	154			188	188								
2070	1	40			3	82			113	113								
(97)	2	40			16	137			172	172								
	3	40			15	118			166	166								
	1	42			1	20			82	82								
	2	42			9	122			162	162								
	3	42			9	114			160	160								
	1	44			1	2			27	27								
	2	44			4	107			146	146								
	3	44			7	105			147	147								
2070	1	40			11	123			175	175								
(98)	2	40			36	169			221	221								
	3	40			33	162			220	220								
	1	42			2	41			137	137								
	2	42			25	161			206	206								
	3	42			25	153			211	211								
	1	44				4			59	59								
	2	44			20	152			193	193								
	3	44			13	146			198	198								
2070	1	40			6	87			127	127								
(99)	2	40			29	138			180	180								
	3	40			22	118			178	178								
	1	42			2	23			96	96								
	2	42			21	119			172	172								
	3	42			18	105			168	168								
	1	44				5			38	38								
	2	44			13	105			153	153								
	3	44			8	95			160	160								
2070	1	40			2	54			120	120								
(00)	2	40			17	130			198	198								
	3	40			13	111			189	189								
	1	42				15			76	76								
	2	42			10	110			180	180								
	3	42			5	100			175	175								
	1	44				3			23	23								
	2	44			7	92			153	152								
	3	44			5	84			162	162								
2070	1	40			7	126			156	156								
(01)	2	40			41	189			210	210								
	3	40			43	167			203	203								
	1	42			5	62			98	98								
	2	42			22	174			200	200								
	3	42			27	152			198	198								
	1	44			2	14			36	36								
	2	44			13	157			188	188								
	3	44			11	145			186	186								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(12)

City	Townsville	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			41	129			186	187								
(90)	2	40		3	117	173		3	229	230								
	3	40		2	109	151		2	218	218							2	2
	1	42			21	87			155	155								
	2	42		1	98	163		1	214	214								
	3	42			95	146			214	214								
	1	44			13	32			124	125								
	2	44			64	147			205	205								
	3	44			77	139			206	206								
2070	1	40			45	113			174	181								
(91)	2	40			84	166			244	246							3	3
	3	40	2	2	82	152			242	243					5	5	20	20
	1	42			28	50			150	152								
	2	42			66	154			229	231								
	3	42	1	1	62	139			232	232					1	1	4	4
	1	44			18	26			108	110								
	2	44			56	143			214	215								
	3	44			53	128			219	220							1	1
2070	1	40			41	127			201	204								
(92)	2	40		1	102	173		1	256	256			1	1	1	1	8	8
	3	40		1	101	148		1	255	255	3	3	3	3	4	4	21	21
	1	42			19	74			155	158								
	2	42			77	157			245	246							1	1
	3	42			82	142			244	244							10	10
	1	44			10	29			121	123								
	2	44			60	140			231	232								
	3	44			70	139			232	232							2	2
2070	1	40			19	84			176	177								
(93)	2	40			57	160			232	232							1	1
	3	40			60	136			233	233							4	4
	1	42			10	33			143	143								
	2	42			37	144			215	217								
	3	42			45	129			221	221							2	2
	1	44			6	13			99	100								
	2	44			28	117			199	200								
	3	44			30	126			209	209								
2070	1	40	1	1	30	111	1	1	178	180								
(94)	2	40	3	4	78	172	1	3	224	225	2	2	2	2	4	4	9	9
	3	40	1	3	82	154	1	3	223	225	2	2	2	2	5	5	26	26
	1	42	1	1	24	57	1	1	148	152								
	2	42	1	3	62	163	1	3	213	215					1	1	4	4
	3	42		3	64	145		3	216	217			1	1	1	1	9	9
	1	44	1	1	20	33	1	1	102	104								
	2	44	1	1	49	137	1	1	205	205							1	1
	3	44		2	54	137		1	205	207							4	4
2070	1	40		1	25	145		1	202	207								
(95)	2	40	1	2	89	188	1	2	249	250	1	1	2	2	3	3	9	9
	3	40	1	2	104	177	1	2	254	254	3	3	3	3	4	4	22	22
	1	42		1	16	57		1	180	182								
	2	42	1	2	58	177	1	2	239	240							3	3
	3	42		2	72	169		2	244	244							8	8
	1	44			6	21			139	141								
	2	44	1	2	39	166	1	2	223	224								
	3	44		2	57	160		2	230	231							1	1

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(12)

City	Townsville	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			17	151			209	210								
(96)	2	40			113	188			256	257							1	1
	3	40			114	175			257	257							5	5
	1	42			6	79			186	188								
	2	42			73	176			247	248								
	3	42			92	168			245	245								
	1	44			3	17			150	153								
	2	44			36	165			229	229								
	3	44			66	163			234	234								
2070	1	40			9	98			169	169								
(97)	2	40			60	153			227	227								
	3	40			68	129			230	230			1	1	3	3	6	6
	1	42			4	28			141	142								
	2	42			34	134			222	222								
	3	42			41	118			223	223							2	2
	1	44			1	4			96	97								
	2	44			19	119			204	204								
	3	44			35	116			213	213								
2070	1	40			30	138			220	220								
(98)	2	40			99	182	1	1	278	278							3	3
	3	40			97	170			278	278	1	1	1	1	3	3	17	17
	1	42			14	62			192	192								
	2	42			69	169			267	267							1	1
	3	42			79	165			265	265							5	5
	1	44			6	13			157	157								
	2	44			47	160			250	250								
	3	44			58	158			255	255								
2070	1	40			25	100			180	181								
(99)	2	40			70	149			239	240								
	3	40			71	131			236	236							14	14
	1	42			10	39			149	150								
	2	42			47	134			227	228								
	3	42			57	119			223	224							1	1
	1	44			5	13			117	117								
	2	44			34	116			207	208								
	3	44			41	108			211	212								
2070	1	40			14	78			199	200								
(00)	2	40			48	144			241	242								
	3	40			48	119			239	239					1	1	6	6
	1	42			6	23			152	155								
	2	42			32	129			228	231								
	3	42			33	112			231	231							2	2
	1	44			1	4			97	98								
	2	44			24	106			214	217								
	3	44			26	104			222	223								
2070	1	40			23	146			206	207								
(01)	2	40			100	201			246	250							2	2
	3	40			103	177			242	244	1	1	2	2	3	3	16	16
	1	42			9	79			185	187								
	2	42			77	187			238	239								
	3	42			80	167			234	236							4	4
	1	44			6	18			132	133								
	2	44			46	172			227	227								
	3	44			64	154			225	225							2	2

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(12a)

City	Townsville	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	50	156		1	186	186								
(90)	2	40		8	138	200		8	229	229								
	3	40		7	118	181		7	218	218							2	2
	1	42			22	129			155	155								
	2	42		8	116	188		8	214	214								
	3	42		4	108	171		4	214	214								
	1	44			16	96			125	122								
	2	44		5	92	173		5	205	205								
	3	44		4	97	162		4	206	206								
2070	1	40			47	151			174	174								
(91)	2	40		2	114	203		2	244	244							3	3
	3	40	2	3	90	185		1	242	242					5	5	20	20
	1	42			31	119			150	150								
	2	42			82	188			229	229								
	3	42	1	2	83	178		1	232	232					1	1	4	4
	1	44			18	61			108	108								
	2	44			60	173			214	214								
	3	44			67	170			219	219							1	1
2070	1	40			46	155			202	200								
(92)	2	40		1	131	216		1	256	256			1	1	1	1	8	8
	3	40		1	110	197		2	255	255	3	3	3	3	4	4	21	21
	1	42			21	127			155	155								
	2	42		1	100	196		1	245	245							1	1
	3	42		1	104	183		1	244	244							10	10
	1	44			10	89			121	121								
	2	44		1	73	177		1	231	231								
	3	44		1	92	169		1	232	232							2	2
2070	1	40			21	141			176	176								
(93)	2	40		4	86	186		4	232	232							1	1
	3	40		2	67	170		2	233	233							4	4
	1	42			13	90			143	143								
	2	42		1	56	175		1	215	215								
	3	42		1	63	164		1	221	221							2	2
	1	44			6	48			99	98								
	2	44		1	34	168		1	199	199								
	3	44			52	152			209	209								
2070	1	40	1	3	35	161	1	3	178	178								
(94)	2	40	3	6	111	200	1	6	224	224	2	2	2	2	4	4	9	9
	3	40	1	6	91	187	1	7	223	223	2	2	2	2	5	5	26	26
	1	42	1	1	26	123	1	1	149	148								
	2	42	1	5	74	188	1	5	213	213					1	1	4	4
	3	42	1	6	85	173	1	7	216	216			1	1	1	1	9	9
	1	44	1	1	21	66	1	1	102	102								
	2	44	1	3	56	174	1	3	205	205							1	1
	3	44	1	5	70	170	1	4	205	205							4	4
2070	1	40	1	2	30	177	1	2	202	202								
(95)	2	40	1	4	140	213	1	4	249	249	1	1	2	2	3	3	9	9
	3	40	1	6	124	193	1	6	254	254	3	3	3	3	4	4	22	22
	1	42		2	16	152		2	180	180								
	2	42	1	2	90	204	1	2	239	239							3	3
	3	42	1	2	114	186	1	2	244	244							8	8
	1	44		1	6	86		1	139	139								
	2	44	1	2	58	193	1	2	223	223								
	3	44	1	2	88	182	1	2	230	230							1	1

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(12a)

City	Townsville	Dress	Naked	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			25	175			210	209								
(96)	2	40		1	147	218		1	256	256							1	1
	3	40		2	123	202		2	257	257							5	5
	1	42			10	155			186	186								
	2	42		1	114	208		1	247	247								
	3	42		1	118	192		1	245	245								
	1	44			4	108			150	150								
	2	44			69	202			229	229								
	3	44			104	188			234	234								
2070	1	40			11	132			169	169								
(97)	2	40			100	187			227	227								
	3	40			80	170			230	230			1	1	3	3	6	6
	1	42			4	105			141	141								
	2	42			60	174			222	222								
	3	42			68	155			223	223							2	2
	1	44			1	44			96	96								
	2	44			30	160			204	204								
	3	44			55	143			213	213								
2070	1	40			31	166			220	220								
(98)	2	40		1	139	215	1	2	278	278							3	3
	3	40			114	204			278	278	1	1	1	1	3	3	17	17
	1	42			15	143			192	192								
	2	42			96	206			267	267							1	1
	3	42			102	195			265	265							5	5
	1	44			6	81			157	157								
	2	44			63	192			250	250								
	3	44			81	186			255	255								
2070	1	40			28	132			180	180								
(99)	2	40		1	99	195		1	239	239								
	3	40			82	174			236	236							14	14
	1	42			10	104			149	149								
	2	42			71	180			227	227								
	3	42			74	162			223	223							1	1
	1	44			5	54			117	117								
	2	44			43	160			208	207								
	3	44			63	149			211	211								
2070	1	40			14	129			199	199								
(00)	2	40			72	184			241	241								
	3	40			59	166			239	239					1	1	6	6
	1	42			7	84			153	152								
	2	42			47	169			228	228								
	3	42			53	156			231	231							2	2
	1	44			1	31			97	97								
	2	44			30	153			214	214								
	3	44			39	137			222	222								
2070	1	40			28	185			206	206								
(01)	2	40		1	144	226		1	246	246							2	2
	3	40		1	116	210		1	242	242	1	1	2	2	3	3	16	16
	1	42			11	152			185	185								
	2	42			98	214			238	238								
	3	42			106	194			234	234							4	4
	1	44			6	92			132	132								
	2	44			76	206			227	227								
	3	44			95	186			225	225							2	2

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(13)

City	Townsville	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			20	52			139	139								
(90)	2	40			44	134			192	193								
	3	40			29	113			183	183								
	1	42			7	19			98	103								
	2	42			36	118			177	178								
	3	42			20	108			172	172								
	1	44			2	10			22	29								
	2	44			27	100			161	161								
	3	44			15	102			166	166								
2070	1	40			20	36			133	134								
(91)	2	40			48	118			183	189								
	3	40			35	97			183	187								
	1	42			16	23			77	80								
	2	42			42	94			167	173								
	3	42			26	84			170	174								
	1	44			9	11			40	41								
	2	44			32	63			154	156								
	3	44			21	75			157	161								
2070	1	40			14	47			136	139								
(92)	2	40			47	131			208	210								
	3	40			37	114			207	207								
	1	42			6	13			95	96								
	2	42			34	114			194	197								
	3	42			27	107			191	192								
	1	44			2	3			55	56								
	2	44			21	88			168	171								
	3	44			22	101			175	177								
2070	1	40			6	20			119	120								
(93)	2	40			20	92			177	178								
	3	40			12	74			184	184								
	1	42			3	11			71	73								
	2	42			17	69			170	171								
	3	42			8	67			173	173								
	1	44			2	5			11	14								
	2	44			10	47			155	155								
	3	44			7	63			169	169								
2070	1	40	1	1	22	43	1	1	123	126								
(94)	2	40	1	1	33	118	1	1	186	187							1	1
	3	40		1	27	101		1	182	184								
	1	42	1	1	15	22	1	1	85	87								
	2	42	1	1	29	99	1	1	173	175								
	3	42		1	25	92		1	176	178								
	1	44		1	10	13		1	47	47								
	2	44	1	1	26	64	1	1	157	160								
	3	44		1	19	88		1	168	169								
2070	1	40		1	9	34		1	159	161								
(95)	2	40		2	29	149		2	203	208								
	3	40		2	29	137		2	202	205								
	1	42			5	15			115	117								
	2	42		1	23	129		1	202	206								
	3	42		2	20	124		2	197	200								
	1	44			3	4			47	48								
	2	44		1	19	75		1	187	191								
	3	44		1	19	117		1	188	192								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(13)

City	Townsville	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Male	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	35			167	169								
(96)	2	40			22	154			214	214								
	3	40			15	132			212	213								
	1	42			2	9			118	120								
	2	42			14	143			201	203								
	3	42			10	120			203	204								
	1	44			1	2			29	30								
	2	44			10	96			192	194								
	3	44			8	113			194	195								
2070	1	40			3	13			115	116								
(97)	2	40			11	103			181	181								
	3	40			9	89			177	177								
	1	42			1	2			82	82								
	2	42			8	84			163	163								
	3	42			6	77			164	165								
	1	44			1	1			27	27								
	2	44			4	43			150	150								
	3	44			4	66			154	154								
2070	1	40			11	31			176	176								
(98)	2	40			34	143			231	231								
	3	40			24	126			227	227								
	1	42			2	4			137	137								
	2	42			25	124			209	209								
	3	42			16	110			219	219								
	1	44				1			59	59								
	2	44			19	77			196	196								
	3	44			11	95			207	207								
2070	1	40			7	19			128	128								
(99)	2	40			25	104			188	189								
	3	40			18	85			187	188								
	1	42			3	6			97	97								
	2	42			20	89			176	177								
	3	42			11	80			176	177								
	1	44				1			39	39								
	2	44			11	52			156	157								
	3	44			5	70			167	167								
2070	1	40			2	10			125	127								
(00)	2	40			19	81			199	201								
	3	40			10	70			194	195								
	1	42			1	4			76	77								
	2	42			10	56			188	190								
	3	42			5	55			186	187								
	1	44							24	24								
	2	44			6	32			162	165								
	3	44			4	49			172	174								
2070	1	40			7	44			159	160								
(01)	2	40			29	151			211	211								
	3	40			20	133			205	206								
	1	42			5	13			98	100								
	2	42			17	126			202	203								
	3	42			11	117			201	202								
	1	44			2	3			36	36								
	2	44			10	88			192	194								
	3	44			8	108			190	191								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(13a)

City	Townsville	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			20	113			139	139								
(90)	2	40		2	57	163		2	192	192								
	3	40			47	143			183	183								
	1	42			10	60			101	98								
	2	42			43	148			177	177								
	3	42			34	136			172	172								
	1	44			2	20			22	22								
	2	44			32	135			161	161								
	3	44			22	130			166	166								
2070	1	40			22	88			133	133								
(91)	2	40			52	157			183	183								
	3	40			36	142			184	183								
	1	42			16	38			77	77								
	2	42			43	147			167	166								
	3	42			31	127			170	170								
	1	44			9	17			40	40								
	2	44			35	130			155	154								
	3	44			24	121			157	157								
2070	1	40			14	112			136	136								
(92)	2	40			54	159			209	208								
	3	40			43	143			207	206								
	1	42			6	59			95	95								
	2	42			41	148			195	193								
	3	42			38	138			191	191								
	1	44			2	20			55	55								
	2	44			24	130			169	168								
	3	44			28	131			175	174								
2070	1	40			9	67			120	119								
(93)	2	40			25	147			177	177								
	3	40			16	132			184	184								
	1	42			4	25			72	71								
	2	42			17	127			170	170								
	3	42			12	124			173	173								
	1	44			2	10			11	11								
	2	44			13	102			155	155								
	3	44			9	103			169	169								
2070	1	40	1	1	22	99	1	1	123	123								
(94)	2	40	1	3	42	163	1	3	186	186							1	1
	3	40		3	36	151		3	182	182								
	1	42	1	1	15	45	1	1	85	85								
	2	42	1	2	34	148	1	2	173	173								
	3	42		2	30	138		2	176	176								
	1	44	1	1	11	24	1	1	47	47								
	2	44	1	1	27	133	1	1	158	157								
	3	44		1	23	126		1	168	168								
2070	1	40		1	11	129		1	159	159								
(95)	2	40	1	2	34	183	1	2	204	203								
	3	40		2	37	172		2	203	202								
	1	42		1	5	48		1	115	115								
	2	42		2	27	174		2	202	202								
	3	42		2	29	161		2	197	197								
	1	44			3	17			47	47								
	2	44		2	22	159		2	187	187								
	3	44		2	20	152		2	188	188								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(13a)

City	Townsville	Dress	Semi Clothed	Activity	Sitting-inactive
		Gender	Female	Met. Rate	393 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	143			167	167								
(96)	2	40			33	179			214	213								
	3	40			35	173			212	212								
	1	42			2	61			118	118								
	2	42			22	166			202	201								
	3	42			24	164			203	203								
	1	44			1	13			29	29								
	2	44			12	164			192	192								
	3	44			11	154			194	194								
2070	1	40			3	82			115	115								
(97)	2	40			17	141			181	181								
	3	40			15	121			177	177								
	1	42			1	20			82	82								
	2	42			9	125			163	163								
	3	42			9	115			164	164								
	1	44			1	2			27	27								
	2	44			4	108			150	150								
	3	44			7	107			154	154								
2070	1	40			12	124			176	176								
(98)	2	40			38	171			231	231								
	3	40			34	167			227	227								
	1	42			2	41			137	137								
	2	42			25	162			209	209								
	3	42			25	156			219	219								
	1	44				4			59	59								
	2	44			20	153			196	196								
	3	44			14	149			207	207								
2070	1	40			7	87			128	128								
(99)	2	40			29	140			188	188								
	3	40			23	124			187	187								
	1	42			3	24			97	97								
	2	42			22	121			176	176								
	3	42			18	108			176	176								
	1	44				5			39	39								
	2	44			13	105			156	156								
	3	44			8	98			167	167								
2070	1	40			2	54			125	125								
(00)	2	40			21	133			199	199								
	3	40			14	113			194	194								
	1	42			1	16			76	76								
	2	42			12	114			188	188								
	3	42			5	103			186	186								
	1	44				3			24	24								
	2	44			7	94			163	162								
	3	44			5	88			172	172								
2070	1	40			7	126			159	159								
(01)	2	40			42	192			211	211								
	3	40			43	174			205	205								
	1	42			5	62			98	98								
	2	42			23	178			202	202								
	3	42			28	158			201	201								
	1	44			2	14			36	36								
	2	44			13	158			192	192								
	3	44			11	147			190	190								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(14)

City	Townsville	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			34	113			173	174								
(90)	2	40		1	102	163		1	217	217								
	3	40			95	146			215	215								
	1	42			20	61			144	144								
	2	42			73	152			210	210								
	3	42			74	138			206	206								
	1	44			11	24			108	112								
	2	44			52	138			196	197								
	3	44			55	130			198	198								
2070	1	40			41	88			164	169								
(91)	2	40			69	158			231	233								
	3	40	1	1	62	139			233	233					1	1	6	6
	1	42			23	41			141	142								
	2	42			58	144			219	220								
	3	42			50	127			222	223							1	1
	1	44			16	23			85	88								
	2	44			50	126			199	202								
	3	44			42	123			208	209								
2070	1	40			30	110			187	189								
(92)	2	40			80	159			251	252							3	3
	3	40			82	142			246	246							10	10
	1	42			16	53			142	145								
	2	42			64	142			235	236								
	3	42			68	139			232	232							3	3
	1	44			7	16			106	107								
	2	44			53	132			217	219								
	3	44			56	130			225	225								
2070	1	40			15	66			169	170								
(93)	2	40			43	147			221	221								
	3	40			45	129			221	221							2	2
	1	42			8	23			137	137								
	2	42			28	122			204	206								
	3	42			30	125			209	209								
	1	44			3	11			81	83								
	2	44			21	101			189	190								
	3	44			20	99			196	196								
2070	1	40	1	1	29	94	1	1	170	172								
(94)	2	40	1	3	69	166	1	3	213	215					3	3	6	6
	3	40		3	65	145		3	216	217			1	1	1	1	10	10
	1	42	1	1	22	48	1	1	133	135								
	2	42	1	2	54	146	1	2	207	207							3	3
	3	42		2	53	135		1	205	207							5	5
	1	44	1	1	17	26	1	1	89	91								
	2	44	1	1	41	125	1	1	193	194							1	1
	3	44		1	41	126		1	196	197							1	1
2070	1	40		1	22	127		1	199	203								
(95)	2	40	1	2	59	182	1	2	240	241					1	1	3	3
	3	40	1	2	72	169	1	2	244	244							13	13
	1	42		1	10	43		1	171	173								
	2	42	1	2	42	171	1	2	228	229								
	3	42		2	55	158		2	230	231							1	1
	1	44			5	16			126	127								
	2	44	1	2	32	154	1	2	212	214								
	3	44		2	44	152		2	219	221								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(14)

City	Townsville	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Male	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			14	136			201	203								
(96)	2	40			78	180			250	251								
	3	40			92	168			247	247							1	1
	1	42			6	45			174	175								
	2	42			46	166			233	233								
	3	42			63	163			234	234								
	1	44			2	10			128	130								
	2	44			27	161			223	223								
	3	44			42	154			225	226								
2070	1	40			6	78			162	162								
(97)	2	40			37	139			223	223								
	3	40			41	118			224	224							3	3
	1	42			3	20			128	129								
	2	42			21	122			207	207								
	3	42			32	116			213	213								
	1	44			1	2			88	88								
	2	44			13	107			188	188								
	3	44			21	108			202	202								
2070	1	40			25	118			209	209								
(98)	2	40			73	173	1	1	271	271							1	1
	3	40			79	165			268	268							5	5
	1	42			11	41			183	183								
	2	42			51	160			258	258							1	1
	3	42			57	157			256	256							1	1
	1	44			4	7			145	145								
	2	44			37	150			239	239								
	3	44			40	149			248	248								
2070	1	40			18	86			173	174								
(99)	2	40			51	140			231	232								
	3	40			57	119			223	224							1	1
	1	42			8	23			138	138								
	2	42			35	121			216	218								
	3	42			37	107			211	212								
	1	44			3	7			105	105								
	2	44			30	106			195	196								
	3	44			31	96			201	202								
2070	1	40			8	55			184	187								
(00)	2	40			33	131			229	231								
	3	40			33	112			231	231							2	2
	1	42			5	17			140	142								
	2	42			25	112			220	223								
	3	42			25	103			223	224								
	1	44			1	4			83	84								
	2	44			20	91			209	211								
	3	44			20	88			211	214								
2070	1	40			17	122			199	201								
(01)	2	40			86	191			240	241							1	1
	3	40			80	167			235	237							5	5
	1	42			7	54			171	173								
	2	42			56	175			230	230								
	3	42			63	152			226	226							2	2
	1	44			5	15			112	114								
	2	44			32	157			217	217								
	3	44			48	148			216	217								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(14a)

City	Townsville	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			39	148			173	173								
(90)	2	40		8	124	192		8	217	217								
	3	40		5	108	174		5	215	215								
	1	42			20	122			144	144								
	2	42		7	100	177		7	210	210								
	3	42		4	99	163		4	206	206								
	1	44			15	77			111	107								
	2	44		3	67	169		3	196	196								
	3	44		2	79	151		2	198	198								
2070	1	40			42	141			164	163								
(91)	2	40			88	194			232	231								
	3	40	1	2	83	180		1	233	233					1	1	6	6
	1	42			27	109			141	141								
	2	42			67	178			219	219								
	3	42			72	170			222	222							1	1
	1	44			16	42			85	85								
	2	44			55	163			199	199								
	3	44			51	157			208	208								
2070	1	40			36	141			187	186								
(92)	2	40		1	108	202		1	251	251							3	3
	3	40		1	104	184		1	246	246							10	10
	1	42			16	124			142	142								
	2	42		1	81	183		1	235	235								
	3	42		1	94	171		1	232	232							3	3
	1	44			7	68			106	106								
	2	44		1	61	170		1	218	217								
	3	44		1	70	156		1	225	225								
2070	1	40			15	118			169	169								
(93)	2	40		3	66	178		3	221	221								
	3	40		1	61	165		1	221	221							2	2
	1	42			9	80			137	137								
	2	42		1	40	172		1	204	204								
	3	42			54	152			209	209								
	1	44			4	31			82	81								
	2	44			26	159			189	189								
	3	44			37	147			196	196								
2070	1	40	1	2	33	145	1	2	170	170								
(94)	2	40	1	6	92	192	1	6	213	213					3	3	6	6
	3	40	1	6	84	176	1	7	216	216			1	1	1	1	10	10
	1	42	1	1	23	107	1	1	133	133								
	2	42	1	3	64	178	1	3	207	207							3	3
	3	42	1	5	76	170	1	4	205	205							5	5
	1	44	1	1	17	53	1	1	89	89								
	2	44	1	3	51	167	1	3	193	193							1	1
	3	44		3	53	158		3	196	196							1	1
2070	1	40		2	24	171		2	199	199								
(95)	2	40	1	3	109	207	1	3	240	240					1	1	3	3
	3	40	1	2	112	188	1	2	244	244							13	13
	1	42		1	12	144		1	171	171								
	2	42	1	2	61	199	1	2	228	228								
	3	42	1	2	97	182	1	2	230	230							1	1
	1	44		1	5	55		1	126	126								
	2	44	1	2	38	188	1	2	213	212								
	3	44		2	63	179		2	220	219								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(14a)

City	Townsville	Dress	Semi Clothed	Activity	Standing at rest
		Gender	Female	Met. Rate	666 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			21	166			202	201								
(96)	2	40		1	132	209		1	250	250								
	3	40		1	118	196		1	247	247							1	1
	1	42			8	150			174	174								
	2	42			84	206			233	233								
	3	42			107	189			234	234								
	1	44			2	71			128	128								
	2	44			43	188			223	222								
	3	44			72	181			226	225								
2070	1	40			7	121			162	162								
(97)	2	40			72	178			223	223								
	3	40			65	158			224	224							3	3
	1	42			3	95			128	128								
	2	42			35	163			207	207								
	3	42			59	144			213	213								
	1	44			1	23			88	88								
	2	44			19	150			188	188								
	3	44			36	134			202	202								
2070	1	40			25	157			209	209								
(98)	2	40			108	210	1	1	271	271							1	1
	3	40			99	196			268	268							5	5
	1	42			12	134			183	183								
	2	42			72	197			258	258							1	1
	3	42			88	186			256	256							1	1
	1	44			4	49			145	145								
	2	44			43	180			239	239								
	3	44			59	177			248	248								
2070	1	40			19	118			173	173								
(99)	2	40			84	187			231	231								
	3	40			71	164			223	223							1	1
	1	42			8	97			138	138								
	2	42			51	171			217	216								
	3	42			63	149			211	211								
	1	44			3	30			105	105								
	2	44			31	147			195	195								
	3	44			46	141			201	201								
2070	1	40			10	110			184	184								
(00)	2	40			55	174			229	229								
	3	40			50	158			231	231							2	2
	1	42			5	74			140	140								
	2	42			33	158			221	220								
	3	42			41	137			224	223								
	1	44			1	19			83	83								
	2	44			23	143			209	209								
	3	44			26	126			211	211								
2070	1	40			21	173			199	199								
(01)	2	40			119	218			240	240							1	1
	3	40			106	196			235	235							5	5
	1	42			8	142			171	171								
	2	42			86	208			230	230								
	3	42			99	187			226	226							2	2
	1	44			5	75			112	112								
	2	44			54	199			217	217								
	3	44			68	181			217	216								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(15)

City	Townsville	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			37	125			183	184								
(90)	2	40		2	111	169		2	227	228								
	3	40			103	148			218	218							1	1
	1	42			21	73			151	151								
	2	42		1	85	157		1	211	211								
	3	42			84	142			211	211								
	1	44			12	28			114	116								
	2	44			61	142			201	202								
	3	44			69	135			203	203								
2070	1	40			44	108			172	178								
(91)	2	40			78	161			238	239							3	3
	3	40	1	1	71	145			236	236					2	2	10	10
	1	42			25	43			147	148								
	2	42			64	151			224	225								
	3	42			55	135			225	226					1	1	1	1
	1	44			17	25			94	96								
	2	44			54	136			208	211								
	3	44			46	126			212	213								
2070	1	40			37	123			197	200								
(92)	2	40		1	96	167		1	254	254			1	1	1	1	5	5
	3	40			94	145			250	250					3	3	13	13
	1	42			18	64			154	157								
	2	42			69	152			240	241							1	1
	3	42			72	140			237	237							7	7
	1	44			8	25			114	116								
	2	44			54	136			225	227								
	3	44			62	135			229	229								
2070	1	40			17	80			172	173								
(93)	2	40			48	155			225	225								
	3	40			53	134			227	227							4	4
	1	42			9	26			140	140								
	2	42			31	135			209	211								
	3	42			37	128			214	214							1	1
	1	44			5	12			89	90								
	2	44			25	108			195	196								
	3	44			27	116			204	204								
2070	1	40	1	1	29	103	1	1	174	176								
(94)	2	40	2	3	75	168	1	3	218	219	1	1	2	2	3	3	8	8
	3	40	1	3	74	151	1	3	221	223			1	1	4	4	21	21
	1	42	1	1	24	49	1	1	141	143								
	2	42	1	2	60	152	1	2	210	211							4	4
	3	42		2	57	142		2	210	211					1	1	9	9
	1	44	1	1	19	32	1	1	95	97								
	2	44	1	1	43	135	1	1	200	201							1	1
	3	44		1	48	130		1	201	202							3	3
2070	1	40		1	25	140		1	202	206								
(95)	2	40	1	2	69	185	1	2	247	248	1	1	2	2	3	3	5	5
	3	40	1	2	88	172	1	2	248	248	1	1	1	1	3	3	17	17
	1	42		1	14	52		1	175	177								
	2	42	1	2	50	175	1	2	233	234							1	1
	3	42		2	64	161		2	238	238							5	5
	1	44			6	20			132	134								
	2	44	1	2	38	161	1	2	216	217								
	3	44		2	49	158		2	229	230								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(15)

City	Townsville	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Male	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			15	145			205	207								
(96)	2	40			96	180			252	252								
	3	40			106	173			252	252							4	4
	1	42			6	65			180	182								
	2	42			56	169			239	240								
	3	42			73	167			240	240								
	1	44			2	15			142	146								
	2	44			32	165			227	227								
	3	44			57	160			233	233								
2070	1	40			8	95			165	165								
(97)	2	40			48	147			226	226								
	3	40			58	123			227	227					1	1	4	4
	1	42			3	22			135	136								
	2	42			31	127			214	214								
	3	42			39	116			220	220								
	1	44			1	2			91	91								
	2	44			13	109			198	198								
	3	44			29	112			209	209								
2070	1	40			25	132			214	214								
(98)	2	40			85	178	1	1	273	273							1	1
	3	40			86	168			273	273			1	1	1	1	13	13
	1	42			13	50			188	188								
	2	42			64	167			264	264							1	1
	3	42			64	162			260	260							2	2
	1	44			4	8			154	154								
	2	44			41	156			245	245								
	3	44			52	153			250	250								
2070	1	40			21	95			179	180								
(99)	2	40			60	145			236	237								
	3	40			68	125			231	231							7	7
	1	42			8	29			141	142								
	2	42			40	127			222	223								
	3	42			48	113			218	219							1	1
	1	44			3	8			111	111								
	2	44			32	109			201	202								
	3	44			36	104			207	208								
2070	1	40			13	67			191	193								
(00)	2	40			39	139			235	237								
	3	40			41	114			234	234							3	3
	1	42			6	18			146	148								
	2	42			31	124			224	227								
	3	42			27	107			228	228								
	1	44			1	4			86	87								
	2	44			21	97			211	214								
	3	44			21	96			216	218								
2070	1	40			20	140			202	203								
(01)	2	40			91	197			244	246							2	2
	3	40			96	174			240	242					3	3	9	9
	1	42			8	67			177	179								
	2	42			66	180			235	235								
	3	42			68	162			232	233							2	2
	1	44			5	17			123	124								
	2	44			41	168			224	224								
	3	44			60	150			221	221								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(15a)

City	Townsville	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		1	43	150		1	183	183								
(90)	2	40		8	126	197		8	227	227								
	3	40		6	112	175		6	218	218							1	1
	1	42			21	127			151	151								
	2	42		8	108	180		8	211	211								
	3	42		4	104	168		4	211	211								
	1	44			16	89			116	112								
	2	44		4	81	172		4	201	201								
	3	44		4	89	156		4	203	203								
2070	1	40			45	148			172	171								
(91)	2	40		2	97	199		2	238	238							3	3
	3	40	1	2	85	181		1	236	236					2	2	10	10
	1	42			29	115			147	147								
	2	42			77	186			224	224								
	3	42			79	176			225	225					1	1	1	1
	1	44			17	52			94	94								
	2	44			60	170			208	208								
	3	44			55	163			212	212								
2070	1	40			44	150			198	196								
(92)	2	40		1	118	210		1	254	254			1	1	1	1	5	5
	3	40		1	105	190		2	250	250					3	3	13	13
	1	42			19	125			154	154								
	2	42		1	94	189		1	240	240							1	1
	3	42		1	103	180		1	237	237							7	7
	1	44			8	83			114	114								
	2	44		1	65	173		1	226	225								
	3	44		1	79	164		1	229	229								
2070	1	40			17	131			172	172								
(93)	2	40		3	73	179		3	225	225								
	3	40		2	65	165		2	227	227							4	4
	1	42			11	87			140	140								
	2	42		1	48	173		1	209	209								
	3	42			59	158			214	214							1	1
	1	44			5	39			89	88								
	2	44		1	30	166		1	195	195								
	3	44			44	150			204	204								
2070	1	40	1	2	34	150	1	2	174	174								
(94)	2	40	2	6	102	197	1	6	218	218	1	1	2	2	3	3	8	8
	3	40	1	6	89	184	1	7	221	221			1	1	4	4	21	21
	1	42	1	1	25	115	1	1	141	141								
	2	42	1	4	71	185	1	4	210	210							4	4
	3	42	1	5	83	172	1	6	210	210					1	1	9	9
	1	44	1	1	20	62	1	1	95	95								
	2	44	1	3	55	171	1	3	200	200							1	1
	3	44		3	61	166		3	201	201							3	3
2070	1	40		2	28	175		2	202	202								
(95)	2	40	1	3	127	211	1	3	247	247	1	1	2	2	3	3	5	5
	3	40	1	5	119	190	1	5	248	248	1	1	1	1	3	3	17	17
	1	42		2	16	146		2	175	175								
	2	42	1	2	72	201	1	2	233	233							1	1
	3	42	1	2	105	184	1	2	238	238							5	5
	1	44		1	6	64		1	132	132								
	2	44	1	2	50	190	1	2	216	216								
	3	44	1	2	71	180	1	2	229	229								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(15a)

City	Townsville	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving
		Gender	Female	Met. Rate	697 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			22	168			206	205								
(96)	2	40		1	139	215		1	252	252								
	3	40		2	118	199		2	252	252							4	4
	1	42			8	153			180	180								
	2	42		1	98	208		1	239	239								
	3	42			114	190			240	240								
	1	44			3	90			142	142								
	2	44			52	192			227	227								
	3	44			91	185			233	232								
2070	1	40			11	126			165	165								
(97)	2	40			83	182			226	226								
	3	40			74	163			227	227					1	1	4	4
	1	42			3	99			135	135								
	2	42			47	170			214	214								
	3	42			65	149			220	220								
	1	44			1	31			91	91								
	2	44			26	156			198	198								
	3	44			40	139			209	209								
2070	1	40			26	163			214	214								
(98)	2	40		1	124	214	1	2	273	273							1	1
	3	40			104	200			273	273			1	1	1	1	13	13
	1	42			14	138			188	188								
	2	42			87	202			264	264							1	1
	3	42			95	192			260	260							2	2
	1	44			4	66			154	154								
	2	44			55	186			245	245								
	3	44			74	182			250	250								
2070	1	40			23	125			179	179								
(99)	2	40		1	93	192		1	236	236								
	3	40			77	170			231	231							7	7
	1	42			8	101			141	141								
	2	42			60	176			222	222								
	3	42			68	156			218	218							1	1
	1	44			3	40			111	111								
	2	44			35	152			201	201								
	3	44			55	144			207	207								
2070	1	40			13	123			191	191								
(00)	2	40			62	179			235	235								
	3	40			55	162			234	234							3	3
	1	42			6	77			146	146								
	2	42			40	165			224	224								
	3	42			47	145			228	228								
	1	44			1	24			86	86								
	2	44			28	150			211	211								
	3	44			31	134			216	216								
2070	1	40			24	178			202	202								
(01)	2	40		1	128	223		1	244	244							2	2
	3	40		1	111	204		1	240	240					3	3	9	9
	1	42			9	149			177	177								
	2	42			92	209			235	235								
	3	42			102	190			232	232							2	2
	1	44			5	81			123	123								
	2	44			65	203			224	224								
	3	44			78	185			221	221								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(16)

City	Townsville	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	16	24	167	214	12	19	260	261	21	21	29	29	60	60	123	123
(90)	2	40	53	97	205	243	171	172	300	300	176	176	187	187	214	215	247	247
	3	40	11	77	187	230	179	183	292	293	201	202	212	214	223	227	268	268
	1	42	2	10	146	182		8	239	240					2	2	14	14
	2	42	36	59	195	238	132	134	286	289	136	136	156	156	176	176	219	219
	3	42	10	52	181	221	166	169	281	281	172	172	187	187	208	210	244	244
	1	44		1	102	163		1	217	217								
	2	44	29	43	185	233	97	104	278	281	100	100	114	114	130	130	189	189
	3	44	8	33	172	215	136	141	281	281	148	148	161	161	179	179	228	228
2070	1	40	12	18	158	219	43	46	287	287	42	42	51	51	65	65	100	100
(91)	2	40	46	67	205	268	140	143	333	335	160	160	173	173	202	202	261	262
	3	40	7	32	187	245	159	160	325	328	193	193	202	202	231	231	285	290
	1	42	7	7	120	187	3	3	267	267	1	1	7	7	12	12	41	41
	2	42	31	44	190	252	105	108	323	324	116	116	133	133	155	155	215	215
	3	42	5	19	175	237	136	137	319	320	151	151	171	171	195	195	265	265
	1	44			69	158			231	233								
	2	44	23	31	177	237	81	84	308	308	90	90	92	92	114	114	163	163
	3	44	5	14	167	230	113	114	313	314	126	126	138	138	162	162	234	234
2070	1	40	6	11	157	236	41	44	300	301	50	50	57	57	66	66	114	114
(92)	2	40	37	82	217	278	172	176	329	330	189	189	206	206	229	229	275	276
	3	40	8	64	189	266	193	197	322	322	220	221	229	229	248	248	295	296
	1	42		1	138	194	4	5	279	279	8	8	8	8	10	10	45	45
	2	42	27	58	200	267	122	126	318	319	153	153	166	166	189	189	237	237
	3	42	5	42	179	257	171	175	320	320	190	190	198	199	225	225	275	277
	1	44			80	159			251	252							3	3
	2	44	16	29	186	256	78	80	308	308	98	98	110	110	134	134	197	197
	3	44	4	29	169	248	142	145	316	316	164	164	177	177	196	196	250	250
2070	1	40	7	12	141	202	7	12	296	296	15	15	17	17	33	33	96	96
(93)	2	40	40	56	192	255	151	152	349	349	170	170	190	190	213	213	269	269
	3	40	1	29	170	228	176	179	344	344	210	210	224	224	238	238	300	300
	1	42	1	2	96	177		1	260	260	4	4	4	4	4	4	9	9
	2	42	27	38	186	237	107	109	336	337	130	130	146	146	160	160	224	224
	3	42		19	158	218	146	149	336	336	177	177	183	183	213	213	275	275
	1	44			43	147			221	221								
	2	44	18	26	172	221	62	64	318	319	84	84	87	87	121	121	174	174
	3	44		12	153	209	119	122	330	330	136	136	154	154	179	179	236	236
2070	1	40	19	23	162	216	37	38	270	272	46	46	51	51	67	67	92	92
(94)	2	40	43	71	208	256	135	138	320	320	159	159	174	174	193	193	236	236
	3	40	9	47	179	244	153	157	313	315	182	182	193	193	211	212	269	271
	1	42	7	9	119	189	6	7	240	242	10	10	13	13	18	18	35	35
	2	42	32	50	197	253	100	104	311	311	121	121	132	132	150	150	209	209
	3	42	7	35	174	237	129	132	310	311	153	153	161	161	187	187	240	240
	1	44	1	3	69	166	1	3	213	215					3	3	6	6
	2	44	23	35	184	236	74	78	290	291	83	83	96	96	107	107	164	164
	3	44	6	26	164	231	112	115	301	302	127	127	134	134	155	155	209	209
2070	1	40	3	7	177	222	38	40	292	293	55	55	66	66	77	77	134	134
(95)	2	40	13	52	214	258	182	185	326	326	203	203	213	213	237	237	271	271
	3	40	2	53	194	243	191	195	324	325	231	231	241	241	258	258	297	302
	1	42	2	3	146	201	5	6	267	267	7	7	12	12	15	15	37	37
	2	42	10	29	204	249	142	145	321	322	169	169	183	183	194	194	244	244
	3	42	2	34	189	235	173	179	319	320	195	195	209	209	236	236	276	277
	1	44	1	2	59	182	1	2	240	241					1	1	3	3
	2	44	7	20	193	235	93	96	310	312	117	117	137	137	154	154	201	201
	3	44	2	24	184	226	148	152	311	312	170	170	181	181	194	194	254	254

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(16)

City	Townsville	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Male	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	7	173	230	28	32	300	302	40	40	51	51	66	66	134	134
(96)	2	40	9	53	214	283	182	185	336	338	203	203	217	217	227	227	275	275
	3	40	1	62	199	268	206	208	331	332	220	220	230	230	246	246	297	298
	1	42	1	2	154	208		1	277	277	1	1	1	1	3	3	27	27
	2	42	4	26	210	268	142	149	324	325	166	166	177	177	192	192	234	234
	3	42		38	196	258	184	186	326	326	199	199	209	209	223	223	274	275
	1	44			78	180			250	251								
	2	44	3	15	194	252	86	94	319	320	115	115	126	126	151	151	203	203
	3	44		23	190	247	150	155	322	322	173	173	187	187	206	206	246	246
2070	1	40	2	2	134	209	16	16	262	263	34	34	39	39	58	58	100	100
(97)	2	40	11	28	184	246	129	131	317	318	156	156	164	164	183	183	253	253
	3	40		25	162	237	158	159	316	316	174	174	192	192	228	228	281	281
	1	42	1	1	104	172			243	243	1	1	4	4	6	6	17	17
	2	42	6	12	170	237	107	108	306	307	120	120	129	129	145	145	204	204
	3	42		14	155	229	134	135	307	307	158	158	163	163	187	187	258	258
	1	44			37	139			223	223								
	2	44	5	6	159	228	73	73	285	286	85	85	95	95	117	117	157	157
	3	44		4	150	219	113	114	299	299	135	135	142	142	159	159	231	231
2070	1	40	3	5	174	234	48	48	326	326	69	69	91	91	114	114	171	171
(98)	2	40	20	55	224	290	218	218	344	344	254	254	261	261	276	276	307	307
	3	40	1	52	203	275	244	245	341	341	277	277	288	288	296	296	324	324
	1	42			147	205	1	1	299	300	3	3	6	6	10	10	43	43
	2	42	15	26	211	277	183	183	340	340	209	209	221	221	238	238	279	279
	3	42		29	195	264	219	219	340	340	252	252	263	263	282	282	312	312
	1	44			73	173	1	1	271	271							1	1
	2	44	9	12	192	260	133	133	335	335	156	156	178	178	199	199	245	245
	3	44		13	188	253	192	192	335	335	221	221	233	233	250	250	295	295
2070	1	40	1	2	134	212	33	33	289	290	46	46	59	59	73	73	123	123
(99)	2	40	12	32	198	266	154	154	332	333	184	184	197	197	204	204	262	262
	3	40	1	31	171	234	186	187	330	331	200	200	207	207	228	228	285	286
	1	42	1	1	106	177			267	267			3	3	6	6	31	31
	2	42	6	18	180	254	134	134	320	321	146	146	154	154	173	173	215	215
	3	42	1	17	159	219	158	158	321	321	182	182	192	192	198	198	264	264
	1	44			51	140			231	232								
	2	44	3	8	160	243	95	95	308	309	118	118	128	128	142	142	185	185
	3	44		11	151	217	143	143	313	313	157	157	174	174	187	187	232	232
2070	1	40	5	5	123	204	24	24	278	279	32	32	48	48	66	66	121	121
(00)	2	40	15	28	191	255	183	186	316	318	206	206	214	214	224	224	254	254
	3	40	1	21	167	238	211	212	315	315	222	222	230	230	240	241	284	286
	1	42	1	1	85	168			256	257			3	3	5	5	18	18
	2	42	6	13	172	246	138	140	309	311	168	168	183	183	202	202	230	230
	3	42		10	152	230	189	191	311	312	208	208	216	216	226	226	255	256
	1	44			33	131			229	231								
	2	44	5	8	155	233	90	91	294	296	116	116	130	130	153	153	204	204
	3	44		4	144	220	162	163	304	304	186	186	199	199	214	214	241	241
2070	1	40	6	8	181	239	28	29	291	292	37	37	44	44	60	60	107	107
(01)	2	40	14	64	223	291	158	162	331	335	182	182	195	195	215	215	249	249
	3	40		60	202	265	190	193	327	328	210	210	218	218	230	230	278	279
	1	42	2	2	149	211	2	2	266	269	3	3	4	4	8	8	28	28
	2	42	11	34	215	278	114	117	326	331	139	139	157	157	174	174	223	223
	3	42		44	194	257	167	170	321	323	177	177	195	195	215	215	254	254
	1	44			86	191			240	241							1	1
	2	44	9	20	206	261	75	79	313	317	94	94	104	104	123	123	190	190
	3	44		24	189	248	132	136	315	318	153	153	163	163	185	185	232	232

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(16a)

City	Townsville	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	18	46	175	234	13	38	260	260	21	21	29	29	60	60	123	123
(90)	2	40	53	161	219	273	171	180	300	300	176	181	187	193	214	222	247	247
	3	40	13	145	196	257	181	192	292	292	201	217	212	225	223	263	268	268
	1	42	2	13	149	217		11	239	239					2	2	14	14
	2	42	37	124	205	262	133	149	286	286	136	143	156	162	176	181	219	219
	3	42	12	122	190	253	167	181	281	281	172	181	187	200	208	222	244	244
	1	44		8	121	192		8	217	217								
	2	44	33	102	192	250	101	127	278	278	100	101	114	119	130	136	189	189
	3	44	10	107	182	242	138	154	281	281	148	156	161	167	179	190	228	228
2070	1	40	12	25	167	248	43	50	287	287	42	42	51	51	65	65	100	100
(91)	2	40	50	144	223	300	140	164	333	333	160	163	173	176	202	213	261	261
	3	40	8	131	195	290	159	181	325	325	193	212	202	239	231	290	285	285
	1	42	7	14	135	224	3	10	267	267	1	1	7	7	12	12	41	41
	2	42	31	88	205	290	105	121	323	323	116	117	133	136	155	157	215	215
	3	42	6	98	185	278	136	158	319	319	151	155	171	184	195	239	265	265
	1	44			88	194			232	231								
	2	44	23	56	188	277	81	92	308	308	90	90	92	92	114	115	163	163
	3	44	5	75	181	266	113	129	313	313	126	127	138	141	162	176	234	234
2070	1	40	6	39	170	263	41	55	300	300	50	50	57	57	66	66	114	114
(92)	2	40	37	154	235	309	172	186	329	329	189	193	206	210	229	236	275	275
	3	40	10	138	211	297	193	210	322	322	220	234	229	247	248	294	295	295
	1	42		9	143	241	4	12	279	279	8	8	8	8	10	10	45	45
	2	42	27	121	218	299	122	142	318	318	153	154	166	167	189	193	237	237
	3	42	8	115	195	288	171	187	320	320	190	198	198	210	225	248	275	275
	1	44		1	104	202		1	251	251							3	3
	2	44	16	87	197	287	78	101	308	308	98	99	110	111	134	135	197	197
	3	44	5	103	186	282	142	156	316	316	164	166	177	182	196	208	250	250
2070	1	40	7	19	155	235	7	17	296	296	15	15	17	17	33	33	96	96
(93)	2	40	41	118	204	286	151	159	349	349	170	173	190	192	213	224	269	269
	3	40	4	115	176	273	176	187	344	344	210	222	224	238	238	288	300	300
	1	42	1	9	113	204		8	260	260	4	4	4	4	4	4	9	9
	2	42	29	80	192	275	108	120	336	336	130	132	146	148	160	163	224	224
	3	42	2	75	170	260	146	154	336	336	177	181	183	190	213	228	275	275
	1	44		3	63	178		3	221	221								
	2	44	19	48	183	259	63	73	318	318	84	84	87	87	121	123	174	174
	3	44		61	164	247	119	129	330	330	136	139	154	157	179	187	236	236
2070	1	40	19	37	174	250	37	48	270	270	46	46	51	51	67	67	92	92
(94)	2	40	45	142	220	282	135	158	320	320	159	162	174	180	193	206	236	236
	3	40	10	129	199	270	153	179	313	313	182	204	193	218	211	263	269	269
	1	42	7	14	139	218	6	11	240	240	10	10	13	13	18	18	35	35
	2	42	34	98	209	273	100	112	311	311	121	121	132	133	150	153	209	209
	3	42	9	101	189	263	129	150	310	310	153	158	161	177	187	213	240	240
	1	44	1	6	86	192	1	6	213	213					3	3	6	6
	2	44	23	62	192	262	74	83	290	290	83	83	96	96	107	107	164	164
	3	44	7	82	177	258	112	124	301	301	127	130	134	137	155	174	209	209
2070	1	40	3	23	185	246	38	46	292	292	55	55	66	66	77	77	134	134
(95)	2	40	15	156	225	291	183	199	326	326	203	206	213	216	237	245	271	271
	3	40	8	156	202	281	193	207	324	324	231	244	241	254	258	296	297	297
	1	42	3	11	157	224	6	13	267	267	7	7	12	12	15	15	37	37
	2	42	11	116	214	281	142	159	321	321	169	170	183	185	194	197	244	244
	3	42	5	137	194	275	174	189	319	319	195	202	209	221	236	254	276	276
	1	44	1	3	106	207	1	3	240	240					1	1	3	3
	2	44	7	60	202	266	93	108	310	310	117	117	137	137	154	154	201	201
	3	44	2	108	189	262	148	173	311	311	170	173	181	186	194	204	254	254

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(16a)

City	Townsville	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick
		Gender	Female	Met. Rate	1492 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40	3	26	184	266	28	45	300	300	40	40	51	51	66	66	134	134
(96)	2	40	11	157	228	311	182	197	336	336	203	207	217	220	227	237	275	275
	3	40	2	158	211	302	206	215	331	331	220	233	230	251	246	302	297	297
	1	42	1	6	165	239		5	277	277	1	1	1	1	3	3	27	27
	2	42	5	130	216	305	142	169	324	324	166	166	177	178	192	195	234	234
	3	42	2	136	204	295	185	196	326	326	199	206	209	217	223	246	274	274
	1	44		1	128	209		1	250	250								
	2	44	3	82	208	296	86	122	319	319	115	115	126	126	151	151	203	203
	3	44		112	196	282	152	172	322	322	173	176	187	192	206	214	246	246
2070	1	40	2	8	147	236	16	22	262	262	34	34	39	39	58	58	100	100
(97)	2	40	11	108	204	267	129	147	317	317	156	158	164	167	183	193	253	253
	3	40		112	181	258	158	174	316	316	174	190	192	221	228	266	281	281
	1	42	1	1	114	216			243	243	1	1	4	4	6	6	17	17
	2	42	6	67	186	262	107	117	306	306	120	120	129	129	145	147	204	204
	3	42		88	168	252	134	150	307	307	158	161	163	176	187	219	258	258
	1	44			65	178			223	223								
	2	44	5	29	169	248	73	82	285	285	85	85	95	95	117	117	157	157
	3	44		63	156	248	113	121	299	299	135	135	142	143	159	173	231	231
2070	1	40	3	14	181	274	48	50	326	326	69	69	91	91	114	114	171	171
(98)	2	40	21	158	237	321	218	224	344	344	254	254	261	262	276	277	307	307
	3	40	2	152	211	302	244	246	341	341	277	279	288	292	296	324	324	324
	1	42		2	161	242	1	3	299	299	3	3	6	6	10	10	43	43
	2	42	15	108	227	311	183	187	340	340	209	209	221	221	238	238	279	279
	3	42		126	208	295	219	221	340	340	252	252	263	264	282	287	312	312
	1	44			105	210	1	1	271	271							1	1
	2	44	9	67	206	297	133	139	335	335	156	156	178	178	199	199	245	245
	3	44		96	199	288	192	196	335	335	221	221	233	233	250	252	295	295
2070	1	40	1	14	150	254	33	37	289	289	46	46	59	59	73	73	123	123
(99)	2	40	12	110	209	295	154	159	332	332	184	184	197	198	204	209	262	262
	3	40	1	104	182	280	186	190	330	330	200	207	207	230	228	289	285	285
	1	42	1	3	113	221		2	267	267			3	3	6	6	31	31
	2	42	6	80	195	287	134	139	320	320	146	146	154	154	173	173	215	215
	3	42	1	85	176	268	158	160	321	321	182	183	192	195	198	220	264	264
	1	44			79	187			231	231								
	2	44	3	38	179	274	95	100	308	308	118	118	128	128	142	142	185	185
	3	44	1	65	165	252	143	143	313	313	157	158	174	174	187	190	232	232
2070	1	40	5	12	139	243	24	28	278	278	32	32	48	48	66	66	121	121
(00)	2	40	15	89	206	284	183	192	316	316	206	208	214	217	224	234	254	254
	3	40	2	98	180	269	212	218	315	315	222	231	230	246	240	280	284	284
	1	42	1	2	99	210		1	256	256			3	3	5	5	18	18
	2	42	6	48	188	269	138	147	309	309	168	168	183	184	202	205	230	230
	3	42		68	173	258	189	196	311	311	208	210	216	222	226	243	255	255
	1	44			52	174			229	229								
	2	44	5	25	169	262	90	96	294	294	116	116	130	130	153	153	204	204
	3	44		47	155	248	162	170	304	304	186	187	199	201	214	219	241	241
2070	1	40	6	30	194	278	28	44	291	291	37	37	44	44	60	60	107	107
(01)	2	40	16	157	235	318	158	182	331	331	182	184	195	198	215	220	249	249
	3	40	1	149	216	294	191	202	327	327	210	222	218	236	230	294	278	278
	1	42	2	7	163	245	2	6	266	266	3	3	4	4	8	8	28	28
	2	42	11	119	224	311	114	140	326	326	139	139	157	157	174	176	223	223
	3	42	1	129	207	283	167	177	321	321	177	185	195	205	215	237	254	254
	1	44			113	218			240	240							1	1
	2	44	9	82	214	296	75	103	313	313	94	94	104	104	123	123	190	190
	3	44		103	196	272	132	150	315	315	153	155	163	168	185	195	232	232

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(17)

City	Townsville	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			20	61			142	142								
(90)	2	40			47	135			189	190								
	3	40			36	114			179	179								
	1	42			9	22			105	109								
	2	42			37	126			176	177								
	3	42			25	108			172	172								
	1	44			2	10			38	45								
	2	44			28	107			164	164								
	3	44			16	106			164	164								
2070	1	40			21	39			135	136								
(91)	2	40			49	123			185	189								
	3	40			37	98			184	186								
	1	42			16	23			82	85								
	2	42			43	108			169	175								
	3	42			29	88			170	174								
	1	44			10	14			42	43								
	2	44			35	73			155	158								
	3	44			21	77			159	163								
2070	1	40			14	51			138	141								
(92)	2	40			50	130			209	211								
	3	40			41	117			203	203								
	1	42			6	15			105	106								
	2	42			38	123			193	196								
	3	42			30	109			190	191								
	1	44			2	3			59	60								
	2	44			25	96			169	172								
	3	44			24	104			173	174								
2070	1	40			8	23			130	130								
(93)	2	40			20	93			178	179								
	3	40			14	76			182	182								
	1	42			3	11			80	82								
	2	42			16	81			172	173								
	3	42			9	68			173	173								
	1	44			2	6			19	23								
	2	44			11	49			156	156								
	3	44			8	65			167	167								
2070	1	40	1	1	22	48	1	1	127	129								
(94)	2	40	1	1	39	124	1	1	186	187								
	3	40		1	31	106		1	183	184								
	1	42	1	1	15	24	1	1	88	90								
	2	42	1	1	30	103	1	1	174	176								
	3	42		1	26	95		1	175	177								
	1	44		1	11	15		1	53	53								
	2	44	1	1	28	74	1	1	159	161								
	3	44			20	89			168	169								
2070	1	40			10	43			166	168								
(95)	2	40		1	32	152		1	204	208								
	3	40		1	29	139		1	202	204								
	1	42			5	16			125	126								
	2	42		1	25	141		1	202	206								
	3	42		1	23	130		1	197	200								
	1	44			4	7			65	67								
	2	44		1	19	93		1	187	191								
	3	44		1	19	120		1	188	192								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(17)

City	Townsville	Dress	Semi Clothed	Activity	Sleeping
		Gender	Male	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			6	45			170	171								
(96)	2	40			24	156			215	215								
	3	40			24	139			211	212								
	1	42			2	10			126	128								
	2	42			16	146			204	206								
	3	42			12	128			200	201								
	1	44			1	3			38	40								
	2	44			12	116			192	194								
	3	44			8	116			192	193								
2070	1	40			3	20			124	125								
(97)	2	40			13	105			180	180								
	3	40			10	92			174	174								
	1	42			1	2			86	86								
	2	42			9	96			164	164								
	3	42			7	82			166	166								
	1	44			1	1			36	36								
	2	44			4	52			150	150								
	3	44			5	72			151	151								
2070	1	40			11	41			181	181								
(98)	2	40			36	146			226	226								
	3	40			27	132			225	225								
	1	42			4	7			142	142								
	2	42			27	132			210	210								
	3	42			19	116			217	217								
	1	44				1			78	78								
	2	44			20	92			196	196								
	3	44			12	103			203	203								
2070	1	40			8	23			132	132								
(99)	2	40			28	106			188	189								
	3	40			22	88			184	185								
	1	42			3	7			99	99								
	2	42			22	96			178	179								
	3	42			14	84			177	178								
	1	44				1			47	47								
	2	44			16	65			158	159								
	3	44			7	75			165	165								
2070	1	40			3	15			131	133								
(00)	2	40			19	88			199	201								
	3	40			11	73			193	194								
	1	42				3			80	81								
	2	42			12	66			190	192								
	3	42			8	61			183	184								
	1	44							32	32								
	2	44			6	36			161	164								
	3	44			4	51			171	172								
2070	1	40			7	54			165	167								
(01)	2	40			31	154			210	210								
	3	40			28	135			204	205								
	1	42			5	15			109	111								
	2	42			19	139			201	202								
	3	42			13	125			200	201								
	1	44			2	4			46	47								
	2	44			14	97			193	195								
	3	44			9	113			190	191								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(17a)

City	Townsville	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			20	121			142	142								
(90)	2	40			64	162			189	189								
	3	40			63	143			179	179								
	1	42			13	75			108	104								
	2	42			47	150			176	176								
	3	42			40	136			172	172								
	1	44			3	25			38	38								
	2	44			34	138			164	164								
	3	44			25	131			164	164								
2070	1	40			25	105			135	135								
(91)	2	40			54	159			185	185								
	3	40			39	142			184	184								
	1	42			16	42			82	82								
	2	42			44	147			169	169								
	3	42			31	131			170	170								
	1	44			10	18			42	42								
	2	44			36	134			156	155								
	3	44			25	121			159	159								
2070	1	40			14	121			138	138								
(92)	2	40			59	164			210	209								
	3	40			59	143			203	203								
	1	42			6	67			105	105								
	2	42			45	150			194	192								
	3	42			42	138			190	190								
	1	44			2	22			59	59								
	2	44			27	134			170	169								
	3	44			34	133			173	172								
2070	1	40			9	80			130	130								
(93)	2	40			25	154			178	178								
	3	40			24	132			182	182								
	1	42			4	31			81	80								
	2	42			17	133			172	172								
	3	42			13	126			173	173								
	1	44			2	11			19	19								
	2	44			13	107			156	156								
	3	44			11	106			167	167								
2070	1	40	1	1	23	103	1	1	127	127								
(94)	2	40	1	2	49	163	1	2	186	186								
	3	40		1	42	152		1	183	183								
	1	42	1	1	15	51	1	1	88	88								
	2	42	1	1	35	152	1	1	174	174								
	3	42		1	34	140		1	175	175								
	1	44		1	12	27		1	53	53								
	2	44	1	1	30	137	1	1	159	159								
	3	44		1	24	129		1	168	168								
2070	1	40		1	12	141		1	166	166								
(95)	2	40		2	38	185		2	205	204								
	3	40		2	45	172		2	203	202								
	1	42		1	5	55		1	125	125								
	2	42		2	28	175		2	202	202								
	3	42		2	31	161		2	197	197								
	1	44			4	20			65	65								
	2	44		1	23	162		1	187	187								
	3	44		2	26	155		2	188	188								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(17a)

City	Townsville	Dress	Semi Clothed	Activity	Sleeping
		Gender	Female	Met. Rate	275 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
		Deg C	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			8	146			170	170								
(96)	2	40			41	180			215	214								
	3	40			51	173			212	211								
	1	42			2	71			126	126								
	2	42			23	169			205	204								
	3	42			31	167			200	200								
	1	44			1	15			38	38								
	2	44			14	165			192	192								
	3	44			13	159			192	192								
2070	1	40			3	94			124	124								
(97)	2	40			19	144			180	180								
	3	40			21	122			174	174								
	1	42			1	23			86	86								
	2	42			11	127			164	164								
	3	42			11	115			166	166								
	1	44			1	4			36	36								
	2	44			5	112			150	150								
	3	44			8	109			151	151								
2070	1	40			12	132			181	181								
(98)	2	40			42	174			226	226								
	3	40			44	166			225	225								
	1	42			4	49			142	142								
	2	42			28	164			210	210								
	3	42			30	157			217	217								
	1	44				7			78	78								
	2	44			20	156			196	196								
	3	44			18	151			203	203								
2070	1	40			8	94			132	132								
(99)	2	40			29	144			188	188								
	3	40			30	124			184	184								
	1	42			3	30			99	99								
	2	42			25	125			178	178								
	3	42			21	109			177	177								
	1	44				9			47	47								
	2	44			18	110			158	158								
	3	44			12	102			165	165								
2070	1	40			3	64			131	131								
(00)	2	40			22	138			199	199								
	3	40			19	114			193	193								
	1	42				18			80	80								
	2	42			12	122			190	190								
	3	42			11	106			183	183								
	1	44				3			32	32								
	2	44			9	102			161	161								
	3	44			5	94			171	171								
2070	1	40			8	139			165	165								
(01)	2	40			54	195			210	210								
	3	40			53	174			204	204								
	1	42			5	75			109	109								
	2	42			23	180			201	201								
	3	42			34	162			200	200								
	1	44			2	14			46	46								
	2	44			18	167			193	193								
	3	44			17	148			190	190								

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(18)

City	Townsville	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			61	142			201	202								
(90)	2	40	2	10	145	182		8	239	240					1	1	11	11
	3	40		4	121	167		4	233	234			1	1	5	5	45	45
	1	42			33	113			173	174								
	2	42		4	124	176		4	232	233								
	3	42		2	114	155		2	223	223					1	1	14	14
	1	44			20	57			144	144								
	2	44		1	102	163		1	217	217								
	3	44		2	109	151		2	218	218							2	2
2070	1	40			55	139			208	211								
(91)	2	40	7	7	116	186	3	3	264	265	1	1	3	3	12	12	39	39
	3	40	2	2	97	172	7	7	260	261	11	11	15	15	27	27	58	58
	1	42			41	84			164	167								
	2	42	3	3	91	173			249	251					3	3	6	6
	3	42	2	2	86	160	1	1	250	251			8	8	15	15	38	38
	1	44			21	38			140	141								
	2	44			69	158			231	233								
	3	44	2	2	82	152			242	243					5	5	20	20
2070	1	40			57	140			226	227								
(92)	2	40		1	136	194	4	5	277	277	8	8	8	8	9	9	43	43
	3	40		1	114	173	10	11	276	276	11	11	16	16	30	30	57	57
	1	42			29	108			186	189								
	2	42		1	111	178	1	2	261	261	3	3	4	4	4	4	16	16
	3	42		1	106	156	3	4	266	266	4	4	10	10	13	13	38	38
	1	44			15	49			141	144								
	2	44			80	159			251	252							3	3
	3	44		1	101	148		1	252	252	3	3	3	3	4	4	21	21
2070	1	40			25	111			195	196								
(93)	2	40	1	2	95	175		1	259	259	3	3	4	4	4	4	8	8
	3	40			70	152	2	2	259	259	3	3	3	3	6	6	25	25
	1	42			15	62			169	170								
	2	42	1	2	65	168		1	239	239							4	4
	3	42			65	147			239	239			2	2	2	2	11	11
	1	44			8	23			131	131								
	2	44			43	147			221	221								
	3	44			60	136			233	233							4	4
2070	1	40	1	1	44	136	1	1	200	201							1	1
(94)	2	40	7	9	116	186	6	7	238	240	9	9	13	13	17	17	35	35
	3	40	3	7	97	171	11	12	246	246	19	19	24	24	32	32	63	63
	1	42	1	1	29	86	1	1	170	172								
	2	42	5	6	87	175	4	5	233	235	3	3	4	4	5	5	15	15
	3	42	3	6	91	159	5	7	235	237	2	2	5	5	19	19	41	41
	1	44	1	1	22	46	1	1	128	130								
	2	44	1	3	69	166	1	3	213	215					3	3	6	6
	3	44	1	3	81	154	1	3	223	225	2	2	2	2	5	5	26	26
2070	1	40	1	2	38	162	1	2	216	217								
(95)	2	40	2	3	143	201	5	6	266	266	7	7	12	12	15	15	36	36
	3	40	2	2	130	183	12	13	265	265	13	13	18	18	33	33	68	68
	1	42		1	20	122		1	199	203								
	2	42	1	2	108	191	2	3	252	252	2	2	4	4	4	4	15	15
	3	42	1	2	120	180	3	4	260	260	6	6	10	10	14	14	44	44
	1	44		1	10	39		1	170	172								
	2	44	1	2	59	182	1	2	240	241					1	1	3	3
	3	44	1	2	104	177	1	2	252	252	3	3	3	3	4	4	22	22

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(18)

City	Townsville	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Male	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			34	165			227	227								
(96)	2	40	1	2	150	207		1	276	277	1	1	1	1	3	3	24	24
	3	40			129	190	1	1	277	278	4	4	8	8	16	16	55	55
	1	42			14	131			201	203								
	2	42			128	192			265	266							2	2
	3	42			118	181			268	268			1	1	2	2	24	24
	1	44			6	41			172	173								
	2	44			78	180			250	251								
	3	44			114	175			254	254							5	5
2070	1	40			14	111			198	198								
(97)	2	40	1	1	103	170			243	243			4	4	5	5	14	14
	3	40			87	146	3	3	243	243	5	5	10	10	18	18	51	51
	1	42			6	71			162	162								
	2	42	1	1	69	160			232	232							4	4
	3	42			75	136			240	240	1	1	4	4	6	6	25	25
	1	44			3	19			125	126								
	2	44			37	139			223	223								
	3	44			68	129			230	230			1	1	3	3	6	6
2070	1	40			41	158			245	245								
(98)	2	40			144	201	1	1	299	300	2	2	6	6	9	9	43	43
	3	40			124	186	5	5	297	297	16	16	25	25	35	35	95	95
	1	42			25	106			209	209								
	2	42			110	188	1	1	282	282							9	9
	3	42			108	178	1	1	289	289	2	2	7	7	13	13	48	48
	1	44			11	38			182	182								
	2	44			73	173	1	1	271	271							1	1
	3	44			96	170			277	277	1	1	1	1	3	3	17	17
2070	1	40			32	111			201	202								
(99)	2	40			103	175			266	266					5	5	27	27
	3	40			88	152	2	2	261	261	11	11	22	22	31	31	63	63
	1	42			17	83			173	174								
	2	42			82	155			248	249							4	4
	3	42			77	143			253	253			6	6	10	10	41	41
	1	44			8	22			136	136								
	2	44			51	140			231	232								
	3	44			71	131			235	235							14	14
2070	1	40			22	102			211	214								
(00)	2	40	1	1	78	165			254	255			2	2	5	5	17	17
	3	40			67	138	2	2	256	256	3	3	7	7	18	18	54	54
	1	42			8	50			184	187								
	2	42			56	152			247	248							2	2
	3	42			55	128			243	243	1	1	2	2	4	4	25	25
	1	44			4	15			137	139								
	2	44			33	131			229	231								
	3	44			47	119			236	236					1	1	6	6
2070	1	40			42	169			224	224								
(01)	2	40	2	2	147	210	2	2	264	267	3	3	4	4	5	5	27	27
	3	40			125	189	7	7	262	265	12	12	15	15	24	24	59	59
	1	42			16	116			199	201								
	2	42	1	1	115	205			251	254					1	1	6	6
	3	42			111	181	2	2	251	253	2	2	2	2	8	8	33	33
	1	44			7	49			170	172								
	2	44			86	191			240	241							1	1
	3	44			103	177			241	243	1	1	2	2	3	3	16	16

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(18a)

City	Townsville	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40		4	81	172		4	201	201								
(90)	2	40	2	12	149	216		10	239	239					1	1	11	11
	3	40		10	131	193		10	233	233			1	1	5	5	45	45
	1	42			39	148			173	173								
	2	42		8	141	206		8	232	232								
	3	42		8	124	185		8	223	223					1	1	14	14
	1	44			20	121			144	144								
	2	44		8	121	192		8	217	217								
	3	44		7	118	180		7	218	218							2	2
2070	1	40			60	170			208	208								
(91)	2	40	7	14	135	224	3	10	264	264	1	1	3	3	12	12	39	39
	3	40	2	5	108	202	7	10	260	260	11	11	15	15	27	27	58	58
	1	42			42	141			164	163								
	2	42	3	7	119	212		4	249	249					3	3	6	6
	3	42	2	4	101	194	1	3	250	250			8	8	15	15	38	38
	1	44			25	105			140	140								
	2	44			88	194			232	231								
	3	44	2	3	86	182		1	242	242					5	5	20	20
2070	1	40		1	65	173		1	226	225								
(92)	2	40		8	143	240	4	11	277	277	8	8	8	8	9	9	43	43
	3	40		8	125	224	10	14	276	276	11	11	16	16	30	30	57	57
	1	42			36	141			187	186								
	2	42		2	135	224	1	3	261	261	3	3	4	4	4	4	16	16
	3	42		2	115	209	3	5	266	266	4	4	10	10	13	13	38	38
	1	44			15	121			141	141								
	2	44		1	104	202		1	251	251							3	3
	3	44		1	107	192		2	252	252	3	3	3	3	4	4	21	21
2070	1	40		1	30	166		1	195	195								
(93)	2	40	1	9	112	202		8	259	259	3	3	4	4	4	4	8	8
	3	40		4	82	190	2	7	259	259	3	3	3	3	6	6	25	25
	1	42			15	118			169	169								
	2	42	1	5	90	193		4	239	239							4	4
	3	42		3	77	177		5	239	239			2	2	2	2	11	11
	1	44			9	80			131	131								
	2	44		3	63	178		3	221	221								
	3	44		2	67	168		2	233	233							4	4
2070	1	40	1	3	55	171	1	3	200	200							1	1
(94)	2	40	7	14	139	218	6	11	238	238	9	9	13	13	17	17	35	35
	3	40	3	15	109	202	11	17	246	246	19	19	24	24	32	32	63	63
	1	42	1	2	33	145	1	2	170	170								
	2	42	5	10	114	206	4	8	233	233	3	3	4	4	5	5	15	15
	3	42	3	10	100	194	5	10	235	235	2	2	5	5	19	19	41	41
	1	44	1	1	23	103	1	1	128	128								
	2	44	1	6	86	192	1	6	213	213					3	3	6	6
	3	44	1	6	91	185	1	7	223	223	2	2	2	2	5	5	26	26
2070	1	40	1	2	50	190	1	2	216	216								
(95)	2	40	3	8	157	223	6	10	266	266	7	7	12	12	15	15	36	36
	3	40	2	11	144	206	12	20	265	265	13	13	18	18	33	33	68	68
	1	42		2	24	171		2	199	199								
	2	42	1	5	145	219	2	6	252	252	2	2	4	4	4	4	15	15
	3	42	2	8	136	199	4	9	260	260	6	6	10	10	14	14	44	44
	1	44		1	12	141		1	170	170								
	2	44	1	3	106	207	1	3	240	240					1	1	3	3
	3	44	1	6	122	193	1	6	252	252	3	3	3	3	4	4	22	22

APPENDIX - 10
(Predicted dangerous days for projected 2070 conditions)

Table - 10(18a)

City	Townsville	Dress	Semi Clothed	Activity	Walking - 4.8 Km/hr.
		Gender	Female	Met. Rate	877 K. joules / hr.

Number of Days on which Core Body Temperature Reaches 40, 42, 44 Deg C WITHIN 1, 2 or 3 hours.

Year	Hours	Core Body Temp Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070	1	40			52	192			227	227								
(96)	2	40	1	6	165	239		5	276	276	1	1	1	1	3	3	24	24
	3	40		6	148	221	1	7	277	277	4	4	8	8	16	16	55	55
	1	42			21	166			202	201								
	2	42		3	152	224		3	265	265							2	2
	3	42		2	135	209		3	268	268			1	1	2	2	24	24
	1	44			8	146			172	172								
	2	44		1	128	209		1	250	250								
	3	44		2	123	199		2	254	254							5	5
2070	1	40			26	156			198	198								
(97)	2	40	1	1	114	216			243	243			4	4	5	5	14	14
	3	40			100	199	3	3	243	243	5	5	10	10	18	18	51	51
	1	42			7	121			162	162								
	2	42	1	1	103	198			232	232							4	4
	3	42			90	184			240	240	1	1	4	4	6	6	25	25
	1	44			3	94			125	125								
	2	44			65	178			223	223								
	3	44			78	166			230	230			1	1	3	3	6	6
2070	1	40			55	186			245	245								
(98)	2	40		2	161	241	1	3	299	299	2	2	6	6	9	9	43	43
	3	40		1	142	223	5	7	297	297	16	16	25	25	35	35	95	95
	1	42			25	157			209	209								
	2	42		1	141	223	1	2	282	282							9	9
	3	42		1	129	210	1	2	289	289	2	2	7	7	13	13	48	48
	1	44			12	132			182	182								
	2	44			105	210	1	1	271	271							1	1
	3	44			111	201			277	277	1	1	1	1	3	3	17	17
2070	1	40			35	152			201	201								
(99)	2	40		2	112	220		2	266	266					5	5	27	27
	3	40		1	98	188	2	3	261	261	11	11	22	22	31	31	63	63
	1	42			19	118			173	173								
	2	42		1	104	201		1	248	248							4	4
	3	42			91	179			253	253			6	6	10	10	41	41
	1	44			8	94			136	136								
	2	44			79	187			231	231								
	3	44			81	171			235	235							14	14
2070	1	40			28	150			211	211								
(00)	2	40	1	2	97	207		1	254	254			2	2	5	5	17	17
	3	40		2	81	190	2	4	256	256	3	3	7	7	18	18	54	54
	1	42			10	110			184	184								
	2	42			81	191			247	247							2	2
	3	42		2	72	174		2	243	243	1	1	2	2	4	4	25	25
	1	44			4	68			137	137								
	2	44			52	174			229	229								
	3	44			56	162			236	236					1	1	6	6
2070	1	40			65	203			224	224								
(01)	2	40	2	7	163	244	2	6	264	264	3	3	4	4	5	5	27	27
	3	40		6	141	224	7	12	262	262	12	12	15	15	24	24	59	59
	1	42			21	173			199	199								
	2	42	1	3	148	231		2	251	251					1	1	6	6
	3	42		2	131	214	2	3	251	251	2	2	2	2	8	8	33	33
	1	44			8	140			170	170								
	2	44			113	218			240	240							1	1
	3	44		1	116	205		1	241	241	1	1	2	2	3	3	16	16