APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			6	52			6	52								
	2	40			26	80			39	80								
	3	40			23	56			31	56								
	1	42			3	23			2	22								
	2	42			22	76			26	76								
	3	42			17	50			23	50								
	1	44				9				9								
	2	44			14	69			16	69								
	3	44			11	47			14	47								
1991	1	40			3	28			3	28								
	2	40			14	64			22	64								
	3	40			7	32			14	33								
	1	42				8				8								
	2	42			7	58			12	58								
	3	42			3	25			10	25								
	1	44				3				3								
	2	44			4	49			5	48								
	3	44			3	24			7	24								
1992	1	40			2	28			2	28								
	2	40			18	64			26	64								
	3	40			6	33			17	33								
	1	42				15				15								
	2	42			14	55			19	55								
	3	42			5	29			12	29								
	1	44				7				7								
	2	44			11	41			12	41								
	3	44			5	27			7	27								
1993	1	40				32				32								
	2	40			16	72			37	72								
	3	40			6	41			20	41								
	1	42				13				13								
	2	42			11	64			14	64								
	3	42			4	39			15	39								
	1	44				1				1								
	2	44			1	55			4	55								
	3	44			3	34			6	34								
1994	1	40			4	41			5	41								
	2	40			27	74			37	74								
	3	40			21	48			25	49								
	1	42			1	21			1	21								
	2	42			20	70			27	70								
	3	42			14	45			19	45								
	1	44				8				8								
	2	44			13	58			16	58								
	3	44			11	40			16	40								
1995	1	40			1	37			2	37								
	2	40			17	60			33	60								
	3	40			13	41			25	41								
	1	42				15				15								
	2	42			12	57			22	57								
	3	42			9	39			17	39								
	1	44				4				4								
	2	44			6	51			10	51								
	3	44			7	37			13	37								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			6	35			6	35								
	2	40			24	81			37	81								
	3	40			20	47			24	47								
	1	42				21				21								
	2	42			20	75			29	75								
	3	42			19	44			22	44								
	1	44				10				10								
	2	44			15	63			17	64								
	3	44			16	43			18	43								
1997	1	40			2	27			1	26								
	2	40			11	61			23	62								
	3	40			7	34			19	34								
	1	42				10				10								
	2	42			8	53			14	53								
	3	42			3	32			13	32								
	1	44				2				2								
	2	44			7	43			7	44								
	3	44			3	30			10	30								
1998	1	40			8	43			8	43								
	2	40			27	85			46	85								
	3	40			17	54			35	54								
	1	42			3	19			3	19								
	2	42			17	79			34	79								
	3	42			11	46			29	46								
	1	44				10				10								
	2	44			13	72			17	72								
	3	44			6	42			21	42								
1999	1	40			1	31			2	31								
	2	40			13	78			43	78								
	3	40			8	45			28	45								
	1	42			1	7			1	7								
	2	42			4	70			27	71								
	3	42			5	43			21	43								
	1	44				1				1								
	2	44			3	60			11	60								
	3	44			3	39			14	39								
2000	1	40			1	17			2	17								
	2	40			9	39			18	40								
	3	40			4	25			13	24								
	1	42				6				6								
	2	42			5	35			12	36								
	3	42			2	22			11	21								
	1	44				1				1								
	2	44			3	29			5	29								
	3	44			2	19			10	18								
2001	1	40			2	17			2	17								
	2	40			7	40			24	41								
	3	40			5	27			17	27								
	1	42			1	6			1	6								
	2	42			5	35			13	35								
	3	42			3	25			12	25								
	1	44				3				3								
	2	44			4	32			8	33								
	3	44			3	22			10	22								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			11	76			10	2								
	2	40		2	47	100		2	53	38								
	3	40			30	69			36	30								
	1	42			4	61			3									
	2	42			27	95			29	24								
	3	42			27	67			30	22								
	1	44				25												
	2	44			22	87			22	10								
	3	44			19	62			20	13								
1991	1	40			3	58			3									
	2	40			25	79			27	19								
	3	40			12	47			17	13								
	1	42			1	37			1									
	2	42			14	74			17	11								
	3	42			9	45			13	9								
	1	44				13												
	2	44			7	71			7	3								
	3	44			5	40			8	6								
1992	1	40			9	55			9									
	2	40			27	81			31	24								
	3	40			14	44			17	16								
	1	42				33												
	2	42			18	77			21	15								
	3	42			10	37			12	10								
	1	44				18												
	2	44			14	71			14	8								
	3	44			5	34			7	5								
1993	1	40			1	64			1									
	2	40			27	83			43	31								
	3	40			14	53			24	20								
	1	42				39												
	2	42			17	80			19	9								
	3	42			10	47			18	12								
	1	44				16												
	2	44			11	78			12	3								
	3	44			5	45			7	3								
1994	1	40			8	70			9	1								
	2	40		1	35	82		1	40	30								
	3	40		1	26	62		1	29	21								
	1	42			2	48			2									
	2	42		1	28	79		1	33	20								
	3	42			22	57			25	15								
	1	44			1	27			1									
	2	44			20	76			21	11								
	3	44			18	54			20	13								
1995	1	40			6	57			7	1								
	2	40			35	72			43	29								
	3	40			20	49			28	23								
	1	42			1	41			1									
	2	42			18	68			27	19								
	3	42			15	48			23	14								
	1	44				17												
	2	44			12	61			16	5								
	3	44			9	46			16	9								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			10	75			10	1								
	2	40			34	92			41	37								
	3	40			22	62			25	22								
	1	42				51												
	2	42			24	89			31	24								
	3	42			22	58			24	15								
	1	44				24												
	2	44			20	86			22	7								
	3	44			19	54			21	11								
1997	1	40			3	53			2									
	2	40			22	77			28	23								
	3	40			15	52			20	19								
	1	42				33												
	2	42			13	71			17	10								
	3	42			10	46			16	13								
	1	44				10												
	2	44			8	67			8	2								
	3	44			4	39			11	10								
1998	1	40			11	79			11	3								
	2	40		3	40	106		3	50	44								
	3	40			25	68			36	34								
	1	42			6	53			6									
	2	42		1	30	99		1	39	31								
	3	42			22	62			30	29								
	1	44			1	27			1									
	2	44			17	90			20	14								
	3	44			12	58			21	20								
1999	1	40			1	70			2	2								
	2	40		1	28	90		1	46	43								
	3	40			14	57			28	28								
	1	42			1	45			1									
	2	42			13	85			30	26								
	3	42			10	55			21	21								
	1	44				13												
	2	44			4	80			12	9								
	3	44			6	48			15	13								
2000	1	40			2	35			3	2								
	2	40			16	52			20	18								
	3	40			9	34			13	13								
	1	42				17												
	2	42			9	48			12	11								
	3	42			7	31			13	11								
	1	44				8												
	2	44			5	44			6	4								
	3	44			4	30			10	10								
2001	1	40			4	35			4	1								
	2	40		1	14	53		1	24	24								
	3	40			6	35			17	17								
	1	42			1	25			1									
	2	42			9	50			14	12								
	3	42			5	33			13	12								
	1	44				7												
	2	44			5	41			8	7								
	3	44			4	30			10	9								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			23	78			26	78								
	2	40		2	66	102		2	79	103								
	3	40			44	69			53	69								
	1	42			9	62			10	62								
	2	42			57	95			73	96								
	3	42			38	67			51	68								
	1	44			4	27			3	26								
	2	44			41	88			57	88								
	3	44			34	64			42	64								
1991	1	40			8	59			13	59								
	2	40			47	80			61	80								
	3	40			22	47			36	51								
	1	42			3	38			3	38								
	2	42			33	75			53	76								
	3	42			17	46			29	47								
	1	44			1	13			1	13								
	2	44			21	71			35	71								
	3	44			14	41			24	42								
1992	1	40			14	56			19	56								
	2	40			39	81			59	81								
	3	40			25	44			29	44								
	1	42			7	34			8	34								
	2	42			30	78			48	78								
	3	42			24	37			28	37								
	1	44				18				18								
	2	44			26	73			37	73								
	3	44			19	36			23	36								
1993	1	40			12	65			19	65								
	2	40			52	83			74	85								
	3	40			28	53			43	53								
	1	42			1	40			1	40								
	2	42			39	80			66	81								
	3	42			21	47			36	47								
	1	44				17				17								
	2	44			23	78			48	78								
	3	44			16	46			30	46								
1994	1	40			21	73			28	73								
	2	40		1	55	82		1	70	82								
	3	40		1	36	62		1	48	62								
	1	42			7	50			8	50								
	2	42		1	45	79		1	59	79								
	3	42			31	58			43	59								
	1	44			1	28			1	28								
	2	44			33	77			46	77								
	3	44			30	54			39	55								
1995	1	40			13	57			23	57								
	2	40			48	73			60	74								
	3	40			32	49			41	50								
	1	42			4	42			5	42								
	2	42			40	69			55	69								
	3	42			30	48			39	49								
	1	44				18				18								
	2	44			26	61			44	62								
	3	44			24	47			35	47								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			20	77			29	77								
	2	40			63	92			72	92								
	3	40			36	62			46	62								
	1	42			10	53			10	53								
	2	42			42	89			57	89								
	3	42			30	59			43	59								
	1	44				24				24								
	2	44			32	86			45	86								
	3	44			25	55			36	55								
1997	1	40			11	55			15	55								
	2	40			39	79			61	80								
	3	40			27	52			40	54								
	1	42			2	35			1	34								
	2	42			30	73			49	73								
	3	42			26	48			33	49								
	1	44				12				12								
	2	44			19	67			34	67								
	3	44			18	39			29	41								
1998	1	40			17	82			34	82								
	2	40		3	67	106		3	83	106								
	3	40			37	68			56	73								
	1	42			9	54			11	54								
	2	42		2	51	100		2	77	100								
	3	42			36	62			48	65								
	1	44			5	30			5	30								
	2	44			37	92			61	92								
	3	44			30	59			42	60								
1999	1	40			7	73			27	74								
	2	40		1	59	90		1	83	93								
	3	40			33	57			53	62								
	1	42			1	46			3	46								
	2	42			42	86			71	87								
	3	42			27	55			49	58								
	1	44			1	13			1	13								
	2	44			23	81			55	81								
	3	44			22	52			45	54								
2000	1	40			6	36			13	37								
	2	40			26	53			44	57								
	3	40			16	34			27	34								
	1	42			1	18			2	18								
	2	42			18	49			38	51								
	3	42			14	31			25	33								
	1	44				9				9								
	2	44			13	44			30	47								
	3	44			10	30			17	30								
2001	1	40			6	36			13	36								
	2	40		1	32	53		1	49	58								
	3	40			17	35			35	39								
	1	42			3	26			4	26								
	2	42		1	22	50		1	44	53								
	3	42			16	33			30	34								
	1	44			1	9			1	9								
	2	44			12	43			33	46								
	3	44			11	31			26	33								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			29	95			30	24								
	2	40		7	75	113		7	82	79								
	3	40		3	48	77		3	55	52								
	1	42			16	80			17	6								
	2	42		5	68	110		5	75	70								
	3	42		1	46	76		1	53	51								
	1	44			6	66			5									
	2	44		3	57	107		3	65	49								
	3	44			40	73			43	40								
1991	1	40			15	75			18	12								
	2	40		3	58	95		3	64	59								
	3	40		1	24	65		1	36	36								
	1	42			4	63			4	1								
	2	42		3	47	89		3	57	50								
	3	42			23	63			30	29								
	1	44			3	45			3									
	2	44		1	33	82		1	40	35								
	3	44			21	56			25	21								
1992	1	40			19	78			22	15								
	2	40		5	55	97		5	63	58								
	3	40		1	27	55		1	30	29								
	1	42			12	62			12	2								
	2	42		1	39	93		1	50	48								
	3	42			25	51			28	25								
	1	44			1	39			1									
	2	44			30	83			37	35								
	3	44			24	49			26	22								
1993	1	40			19	80			25	13								
	2	40			64	92			77	74								
	3	40			35	69			44	43								
	1	42			2	71			2									
	2	42			53	89			67	65								
	3	42			32	61			37	36								
	1	44				52												
	2	44			39	86			50	47								
	3	44			27	56			33	30								
1994	1	40		1	28	79		1	33	20								
	2	40		6	70	96		6	74	69								
	3	40		3	41	73		3	50	48								
	1	42			13	74			13	4								
	2	42		2	55	92		2	63	54								
	3	42		1	38	72		1	46	43								
	1	44			2	55			2									
	2	44		1	45	85		1	53	44								
	3	44		1	35	69		1	42	39								
1995	1	40			19	69			27	19								
	2	40		3	57	88		3	63	60								
	3	40		2	38	59		2	42	41								
	1	42			7	60			8	1								
	2	42		1	50	84		1	56	55								
	3	42		1	35	55		1	40	39								
	1	44			1	48			1									
	2	44			40	76			49	40								
	3	44			31	52			36	34								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			25	89			31	24								
	2	40		8	75	109		8	76	71								
	3	40		5	43	82		5	48	46								
	1	42			16	81			16	2								
	2	42		2	63	101		2	65	56								
	3	42		3	38	78		3	45	43								
	1	44			3	63			3									
	2	44			42	95			49	44								
	3	44		1	34	74		1	39	35								
1997	1	40			14	73			17	12								
	2	40		1	54	99		1	63	61								
	3	40		1	31	63		1	40	40								
	1	42			7	58			6									
	2	42			39	88			50	49								
	3	42		1	28	61		1	34	33								
	1	44			1	37			1									
	2	44			30	85			37	33								
	3	44			27	58			31	29								
1998	1	40		2	31	100		2	39	31								
	2	40		9	78	123		9	83	83								
	3	40		3	44	90		3	57	56								
	1	42			13	85			14	8								
	2	42		7	72	117		7	82	76								
	3	42		2	39	87		2	49	48								
	1	44			7	67			7									
	2	44		5	51	112		5	64	59								
	3	44		2	37	81		2	43	42								
1999	1	40			16	86			32	26								
	2	40		1	70	112		1	83	83								
	3	40			41	81			53	53								
	1	42			3	78			5	3								
	2	42		1	60	111		1	74	70								
	3	42			38	75			50	49								
	1	44			1	59			1	1								
	2	44		1	42	98		1	61	54								
	3	44			28	70			45	45								
2000	1	40			10	49			14	12								
	2	40		1	36	73		1	46	44								
	3	40			19	48			27	27								
	1	42			3	39			4	2								
	2	42			27	65			39	38								
	3	42			16	45			25	25								
	1	44				25												
	2	44			18	56			30	30								
	3	44			15	42			18	17								
2001	1	40		1	10	50		1	15	12								
	2	40		3	35	72		3	49	49								
	3	40		1	22	49		1	35	35								
	1	42			4	39			5	3								
	2	42		2	32	69		2	44	44								
	3	42		1	20	42		1	30	30								
	1	44			2	32			2									
	2	44		1	22	64		1	35	33								
	3	44		1	16	40		1	26	26								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(3)

City	Alice Springs	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			23	78			27	78								
	2	40		2	69	104		2	79	105								
	3	40			46	72			57	73								
	1	42			11	64			12	64								
	2	42			61	97			75	98								
	3	42			39	68			52	69								
	1	44			4	31			3	30								
	2	44			45	90			61	90								
	3	44			36	65			43	65								
1991	1	40			10	60			15	60								
	2	40			50	80			66	81								
	3	40			22	51			37	55								
	1	42			3	42			3	42								
	2	42			38	78			54	78								
	3	42			20	46			31	47								
	1	44			1	14			1	14								
	2	44			23	71			37	71								
	3	44			16	42			24	43								
1992	1	40			16	58			22	58								
	2	40			41	82			61	82								
	3	40			25	44			29	44								
	1	42			9	38			10	38								
	2	42			33	79			53	79								
	3	42			24	41			28	41								
	1	44				19				19								
	2	44			27	73			40	73								
	3	44			22	36			26	36								
1993	1	40			15	66			21	66								
	2	40			55	86			76	87								
	3	40			31	53			44	53								
	1	42			1	43			2	43								
	2	42			39	81			69	82								
	3	42			25	50			38	51								
	1	44				19				19								
	2	44			25	79			51	80								
	3	44			19	46			34	46								
1994	1	40			22	74			29	74								
	2	40		1	58	84		1	73	84								
	3	40		1	37	64		1	48	64								
	1	42			8	54			9	54								
	2	42		1	48	80		1	60	80								
	3	42			35	58			45	59								
	1	44			2	30			2	30								
	2	44			33	77			47	77								
	3	44			31	55			41	56								
1995	1	40			15	57			25	57								
	2	40			51	74			61	74								
	3	40			34	51			42	51								
	1	42			6	46			8	46								
	2	42			41	71			57	71								
	3	42			31	49			39	50								
	1	44			1	20			1	20								
	2	44			34	62			50	63								
	3	44			27	48			37	48								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(3)

City	Alice Springs	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40			21	79			33	79								
	2	40			63	92			75	92								
	3	40			37	65			47	65								
	1	42			10	58			11	59								
	2	42			51	89			61	89								
	3	42			32	60			44	60								
	1	44				25				25								
	2	44			33	88			49	88								
	3	44			28	56			40	56								
1997	1	40			11	56			17	56								
	2	40			44	81			66	85								
	3	40			28	54			40	56								
	1	42			3	36			2	35								
	2	42			34	73			51	73								
	3	42			27	51			35	53								
	1	44				13				13								
	2	44			21	67			38	67								
	3	44			21	42			30	44								
1998	1	40			21	83			40	83								
	2	40		5	72	107		5	85	107								
	3	40			39	70			57	74								
	1	42			11	62			13	62								
	2	42		2	53	103		2	79	103								
	3	42			37	64			50	68								
	1	44			6	32			6	32								
	2	44			40	94			65	94								
	3	44			33	60			44	61								
1999	1	40			7	76			31	77								
	2	40		1	60	92		1	84	96								
	3	40			37	60			53	63								
	1	42			1	48			5	48								
	2	42			45	86			75	88								
	3	42			28	55			50	58								
	1	44			1	20			1	20								
	2	44			27	82			59	83								
	3	44			24	53			47	55								
2000	1	40			6	37			13	38								
	2	40			30	53			47	58								
	3	40			16	37			28	37								
	1	42			2	24			4	24								
	2	42			18	50			39	52								
	3	42			15	32			27	33								
	1	44				10				10								
	2	44			15	45			34	48								
	3	44			12	31			19	31								
2001	1	40			6	36			16	36								
	2	40		1	32	56		1	53	61								
	3	40			18	36			35	39								
	1	42			4	29			5	29								
	2	42		1	25	51		1	46	55								
	3	42			16	35			31	37								
	1	44			1	10			1	10								
	2	44			12	44			36	47								
	3	44			13	32			28	33								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(3a)

City	Alice Springs	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			34	97			35	25								
	2	40		8	76	114		8	82	79								
	3	40		5	49	77		5	57	56								
	1	42			16	80			17	6								
	2	42		5	71	111		5	76	72								
	3	42		1	46	77		1	54	52								
	1	44			6	69			5									
	2	44		3	61	107		3	71	53								
	3	44			42	73			45	42								
1991	1	40			17	78			19	13								
	2	40		3	59	96		3	68	66								
	3	40		1	24	65		1	37	37								
	1	42			5	65			5	1								
	2	42		3	51	90		3	57	52								
	3	42			23	63			32	31								
	1	44			3	48			3									
	2	44		1	38	82		1	45	36								
	3	44			21	59			25	24								
1992	1	40			21	79			25	19								
	2	40		7	55	100		7	64	60								
	3	40		1	28	56		1	31	29								
	1	42			12	64			12	2								
	2	42		2	43	93		2	55	52								
	3	42		1	26	51		1	29	27								
	1	44			2	41			2									
	2	44			33	85			41	39								
	3	44			25	50			27	23								
1993	1	40			20	81			26	15								
	2	40		1	65	93		1	77	75								
	3	40			38	72			44	44								
	1	42			5	75			6	1								
	2	42			56	90			71	69								
	3	42			34	65			39	38								
	1	44				55												
	2	44			39	86			53	50								
	3	44			27	57			34	33								
1994	1	40		1	30	80		1	33	21								
	2	40		7	71	98		7	75	73								
	3	40		3	44	74		3	51	48								
	1	42			14	74			14	4								
	2	42		3	60	94		3	65	55								
	3	42		2	40	72		2	47	45								
	1	44			4	58			4									
	2	44		2	48	88		2	55	45								
	3	44		1	36	70		1	43	41								
1995	1	40			21	71			29	19								
	2	40		4	57	90		4	63	60								
	3	40		2	39	61		2	44	42								
	1	42			8	60			10	3								
	2	42		1	51	85		1	59	57								
	3	42		1	36	56		1	40	39								
	1	44			1	51			1									
	2	44		1	41	77		1	50	44								
	3	44		1	32	52		1	37	37								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(3a)

City	Alice Springs	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40			29	89			36	29								
	2	40		10	76	110		10	79	75								
	3	40		6	44	86		6	48	47								
	1	42			17	81			18	3								
	2	42		4	64	102		4	67	60								
	3	42		3	39	79		3	46	44								
	1	44			5	63			5									
	2	44			51	97			56	49								
	3	44		3	36	74		3	42	38								
1997	1	40			16	73			21	14								
	2	40		2	56	101		2	68	66								
	3	40		1	31	63		1	40	40								
	1	42			7	61			6									
	2	42		1	47	91		1	56	51								
	3	42		1	28	61		1	35	35								
	1	44			1	43			1									
	2	44			34	86			41	37								
	3	44			27	59			31	29								
1998	1	40		2	32	103		2	44	37								
	2	40		9	80	123		9	86	85								
	3	40		3	45	91		3	58	57								
	1	42			15	86			16	9								
	2	42		8	72	119		8	82	78								
	3	42		2	40	89		2	50	50								
	1	44			8	72			8									
	2	44		6	53	113		6	68	64								
	3	44		2	37	83		2	45	44								
1999	1	40			21	86			34	31								
	2	40		1	71	114		1	84	84								
	3	40			41	85			53	53								
	1	42			4	78			8	5								
	2	42		1	60	111		1	77	74								
	3	42			39	77			51	50								
	1	44			1	60			1	1								
	2	44		1	45	101		1	64	57								
	3	44			30	73			47	47								
2000	1	40			11	50			14	13								
	2	40		1	36	73		1	48	47								
	3	40			20	49			28	28								
	1	42			5	39			5	3								
	2	42			30	66			41	39								
	3	42			17	46			27	27								
	1	44			1	29			1									
	2	44			18	57			34	34								
	3	44			15	42			19	19								
2001	1	40		1	10	51		1	18	16								
	2	40		3	36	75		3	53	53								
	3	40		1	25	49		1	35	35								
	1	42			4	40			5	3								
	2	42		2	32	69		2	46	46								
	3	42		1	21	43		1	31	31								
	1	44			2	32			2									
	2	44		1	25	66		1	38	36								
	3	44		1	17	41		1	28	28								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(4)

City	Alice Springs	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40	1	20	101	120	1	20	109	122							1	1
	2	40	13	65	116	139	12	65	128	141		2		6	3	27	38	79
	3	40	9	46	78	106	9	46	99	111		15		26	5	45	39	99
	1	42		7	83	113		7	101	113								
	2	42	7	54	115	134	6	54	122	135					1	3	24	38
	3	42	3	36	77	101	3	36	95	106		2		11		26	24	73
	1	44		3	72	107		3	84	107								
	2	44	5	37	110	132	4	36	116	132							9	10
	3	44		31	76	95		31	89	98						7	13	42
1991	1	40		6	79	116		6	96	119								
	2	40	6	47	102	147	3	44	132	150	1	1	1	2	1	7	30	70
	3	40	2	25	68	97	1	23	92	104		2		7	4	26	31	97
	1	42		3	68	95		3	84	98								
	2	42	5	31	94	139	3	29	126	144					1	1	10	18
	3	42	2	17	67	92	1	16	89	99				1		7	23	66
	1	44		1	56	82		1	70	82								
	2	44	1	20	85	132	1	20	112	138							3	4
	3	44	1	14	65	88		13	83	93						1	9	24
1992	1	40		13	81	115		13	102	116								
	2	40	11	40	104	133	10	39	127	135				1		13	22	61
	3	40	2	26	61	97	2	25	85	98		3		8		25	22	89
	1	42		5	69	97		5	84	99								
	2	42	4	30	94	129	4	30	120	130						1	14	22
	3	42	1	23	54	92	1	23	84	95				2		8	10	47
	1	44			47	83			67	83								
	2	44	1	24	88	120	1	24	113	122							5	6
	3	44		14	51	86		14	76	89						1	5	24
1993	1	40		7	83	105	1	8	100	110					1	1	1	1
	2	40	1	48	95	132	2	49	121	137	1	1	1	1	1	4	29	70
	3	40	1	29	73	94	2	30	100	103	1	3	1	8	1	33	32	97
	1	42			77	92			89	96							1	1
	2	42		36	90	118	1	37	117	125	1	1	1	1	1	1	9	21
	3	42		19	68	90	1	20	97	100			1	1	1	8	17	62
	1	44			60	86			77	87								
	2	44		22	87	108	1	23	113	117			1	1	1	1	2	2
	3	44		14	61	89	1	15	91	96					1	1	3	28
1994	1	40	1	20	81	113	1	20	91	113							1	1
	2	40	13	55	99	132	12	54	119	132				4	1	18	33	75
	3	40	3	37	76	100	3	37	88	101		11		22	3	37	31	96
	1	42		6	75	96		6	82	97								
	2	42	5	44	95	131	5	44	115	131							19	35
	3	42	3	31	72	96	3	31	84	97		1		5	1	22	21	71
	1	44		1	64	85		1	73	85								
	2	44	2	32	90	125	2	32	106	125							9	10
	3	44	1	27	72	92	1	27	81	95						4	15	38
1995	1	40		12	72	101		12	88	104								
	2	40	6	48	92	119	6	48	115	123					1	13	34	60
	3	40	3	33	63	86	3	33	91	94		6		14	4	36	42	93
	1	42		2	60	88		2	76	89								
	2	42	1	38	86	114	1	38	109	118							17	31
	3	42	2	29	58	85	2	29	86	89				1		14	22	58
	1	44			52	76			62	76								
	2	44	1	22	78	106	1	22	101	109							3	3
	3	44	1	21	55	84	1	21	82	87						1	9	33

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(4)

City	Alice Springs	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40		20	93	121		20	106	123								
	2	40	12	61	112	144	12	61	134	146				3	2	21	36	79
	3	40	6	37	86	105	6	37	100	108		12		21	1	37	31	101
	1	42		8	84	109		8	90	110								
	2	42	6	36	105	134	6	36	120	136						1	20	31
	3	42	3	29	83	98	3	29	96	102				4		21	18	70
	1	44			68	95			77	95								
	2	44		29	99	132		29	117	134							5	6
	3	44	3	24	79	96	3	24	94	100						2	11	36
1997	1	40		7	79	110		7	105	114								
	2	40	8	42	104	134	3	37	130	143			1	1	2	8	31	69
	3	40	1	28	69	101	1	28	107	114	2	6	5	14	10	37	43	105
	1	42		1	65	100		1	88	105								
	2	42	3	30	98	124	1	28	126	131							12	22
	3	42	1	25	65	99	1	25	99	110			1	3	4	13	31	69
	1	44			49	84			71	89								
	2	44	1	17	87	119		16	120	125							1	1
	3	44	1	16	64	95	1	16	95	105						1	21	37
1998	1	40	2	17	106	133	2	17	125	133							1	1
	2	40	12	65	124	156	11	64	145	156		2		7	4	17	46	87
	3	40	3	38	92	118	4	38	121	124		6		16	6	40	48	116
	1	42		9	88	123		9	108	124								
	2	42	9	50	120	149	8	49	143	151					1	2	25	39
	3	42	3	34	89	113	3	34	114	116		1		5	2	16	38	87
	1	44		5	77	110		5	89	110								
	2	44	6	34	116	141	6	34	130	143							12	12
	3	44	2	28	87	112	2	28	107	114						3	20	39
1999	1	40	1	4	90	124	1	4	113	125							1	1
	2	40	1	53	115	142	2	53	131	144			2	2	3	8	44	80
	3	40		36	87	113	1	36	115	119		2	1	9	7	40	48	112
	1	42		1	78	112		1	98	113								
	2	42	1	36	111	134	1	36	126	136					2	2	22	31
	3	42		26	79	111		26	110	116					2	9	31	78
	1	44		1	63	96		1	86	97								
	2	44	1	23	104	131	1	23	122	131							6	6
	3	44		18	75	108		18	104	112					1	1	18	37
2000	1	40		5	51	90		5	90	100								
	2	40	2	25	74	122	3	26	129	133	1	1	2	3	4	6	30	50
	3	40	1	17	51	78	1	17	100	103	3	6	3	8	10	22	43	93
	1	42		1	41	73		1	71	80								
	2	42	1	17	69	120	1	17	122	129			1	1	1	1	9	14
	3	42		12	47	73		12	96	97			2	2	4	9	28	59
	1	44			31	56			49	60								
	2	44		11	60	109		11	110	122							5	5
	3	44		9	45	73		9	90	92							17	24
2001	1	40	1	5	53	84	1	5	82	88								
	2	40	5	31	77	95	4	30	99	103				2	1	4	30	45
	3	40	1	19	50	79	1	19	81	85		3		5	2	20	46	84
	1	42		3	41	72		3	68	75								
	2	42	2	20	71	93	2	20	96	100						1	14	17
	3	42	1	14	47	75	1	14	77	83		1		1	1	5	22	50
	1	44		1	33	61		1	57	64								
	2	44	1	11	66	91	1	11	92	97							4	4
	3	44	1	8	42	74	1	8	76	81						1	9	20

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(4a)

City	Alice Springs	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40	3	54	108	134	3	54	112	109						3	1	1
	2	40	17	105	120	155	16	105	130	128		98		110	3	135	38	38
	3	40	11	77	80	125	11	77	99	99		101		120	5	144	39	39
	1	42		22	93	125		22	101	101								
	2	42	13	83	117	151	12	83	123	122		59		69	1	102	24	24
	3	42	9	70	78	119	9	70	96	95		78		83		123	24	24
	1	44		12	78	114		12	86	84								
	2	44	7	71	115	146	6	71	117	116		18		28		61	9	9
	3	44	5	63	77	112	5	63	89	89		54		69		87	13	13
1991	1	40	1	29	83	139	1	29	97	96								
	2	40	8	81	115	169	5	80	133	132	1	76	1	91	1	147	30	30
	3	40	4	67	72	117	3	67	93	92		91		115	4	165	31	31
	1	42		10	73	121		10	85	84								
	2	42	5	71	103	165	3	69	126	126		31		48	1	80	10	10
	3	42	2	55	69	114	1	53	89	89		62		78		119	23	23
	1	44		3	61	102		3	72	70								
	2	44	3	55	94	153	3	55	112	112		4		8		32	3	3
	3	44	2	42	67	107	1	40	84	83		29		48		80	9	9
1992	1	40		30	83	129		30	102	102						1		
	2	40	13	80	112	148	12	80	127	127		79		94		131	22	22
	3	40	5	53	67	109	5	53	85	85		93		108		139	22	22
	1	42		18	76	115		18	85	83								
	2	42	11	67	105	143	11	67	120	120		32		41		82	14	14
	3	42	2	44	62	104	2	43	84	84		54		71		110	10	10
	1	44		10	56	104		10	68	67								
	2	44	5	45	94	136	5	45	113	113		9		14		32	5	5
	3	44	1	35	56	99	1	34	76	76		33		43		75	5	5
1993	1	40		36	86	118	1	37	100	100					1	1	1	1
	2	40	6	83	102	145	7	84	121	121	1	82	1	94	1	131	29	29
	3	40	2	59	79	99	3	60	100	100	1	95	1	104	1	152	32	32
	1	42		15	80	107		15	89	89							1	1
	2	42	1	75	95	141	2	76	117	117	1	37	1	56	1	86	9	9
	3	42	1	52	78	98	2	53	97	97		69	1	85	1	105	17	17
	1	44		1	66	95		1	78	77								
	2	44		58	90	135	1	59	113	113			1	10	1	39	2	2
	3	44		45	71	96	1	46	92	91		40		52	1	91	3	3
1994	1	40	1	45	85	131	1	45	92	90							1	1
	2	40	15	83	112	147	14	82	120	119		79		97	1	132	33	33
	3	40	11	68	81	118	11	68	88	88		98		123	3	147	31	31
	1	42		24	78	117		24	83	82								
	2	42	13	75	101	143	13	75	117	115		42		58		85	19	19
	3	42	6	59	79	113	6	59	85	84		73		85	1	126	21	21
	1	44		12	74	99		12	75	73								
	2	44	5	63	95	133	5	63	106	106		13		22		45	9	9
	3	44	3	52	74	109	3	52	82	81		47		64		87	15	15
1995	1	40		38	76	114		38	88	88								
	2	40	9	73	99	134	9	73	115	115		72		86	1	119	34	34
	3	40	5	54	70	101	5	54	91	91		87		102	4	136	42	42
	1	42		16	67	101		16	77	76								
	2	42	6	60	92	132	6	60	109	109		38		51		75	17	17
	3	42	3	50	67	98	3	50	87	86		59		73		105	22	22
	1	44		6	57	92		6	64	61								
	2	44	1	52	86	123	1	52	101	101		4		12		40	3	3
	3	44	2	45	59	96	2	45	82	82		40		51		78	9	9

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(4a)

City	Alice Springs	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40		36	95	134		36	107	106						1		
	2	40	18	92	118	167	18	92	134	134		91		106	2	143	36	36
	3	40	16	76	88	124	16	76	100	99		104		124	1	164	31	31
	1	42		22	88	127		22	91	90								
	2	42	13	84	112	158	13	84	123	120		42		63		95	20	20
	3	42	8	67	88	119	8	67	97	96		80		92		129	18	18
	1	44		12	79	112		12	81	77								
	2	44	6	67	105	146	6	67	117	117		17		21		47	5	5
	3	44	6	54	86	117	6	54	95	94		46		62		92	11	11
1997	1	40		29	86	124		29	106	105								
	2	40	11	84	109	151	6	81	130	130		71	1	90	2	130	31	31
	3	40	3	66	77	114	3	66	107	107	2	101	5	117	10	157	43	43
	1	42		10	72	116		10	88	88								
	2	42	6	68	105	145	4	66	126	126		28		43		82	12	12
	3	42	3	56	74	110	3	54	100	99		59	1	84	4	120	31	31
	1	44		3	56	103		3	72	70								
	2	44	2	49	98	135	1	48	120	120		2		9		30	1	1
	3	44	1	42	66	108	1	42	95	95		34		53		84	21	21
1998	1	40	5	49	112	149	5	49	125	125						3	1	1
	2	40	17	105	131	169	16	104	145	145		101		119	4	157	46	46
	3	40	5	81	100	132	6	81	121	121		118		132	6	161	48	48
	1	42		21	98	135		21	109	108								
	2	42	12	87	124	165	11	86	143	143		49		72	1	111	25	25
	3	42	4	64	97	126	4	64	114	114		89		105	2	137	38	38
	1	44		11	83	124		11	91	89								
	2	44	8	76	120	158	8	76	130	130		9		22		51	12	12
	3	44	3	57	91	124	3	57	107	107		52		72		108	20	20
1999	1	40	1	37	98	134	1	37	113	113						1	1	1
	2	40	4	89	121	158	5	89	131	131		86	2	112	3	137	44	44
	3	40	3	71	96	123	4	71	115	115		110	1	124	7	164	48	48
	1	42		7	84	128		7	99	98								
	2	42	1	79	116	151	1	79	126	126		40		60	2	97	22	22
	3	42		57	91	122		57	111	110		82		102	2	126	31	31
	1	44		1	76	115		1	87	86								
	2	44	1	62	111	144	1	62	122	122		3		6		41	6	6
	3	44		47	84	118		47	105	104		45		59	1	106	18	18
2000	1	40		17	56	120		17	90	90								
	2	40	5	54	84	141	6	55	129	129	1	53	2	68	4	123	30	30
	3	40	3	43	57	104	3	44	100	100	3	85	3	106	10	148	43	43
	1	42		6	46	99		6	71	71								
	2	42	2	42	75	137	2	42	123	122		17	1	30	1	55	9	9
	3	42		35	54	99		35	96	96		49	2	66	4	113	28	28
	1	44		2	36	74		2	50	49								
	2	44	1	29	69	128	1	29	111	110		2		8		17	5	5
	3	44		29	48	95		29	90	90		25		36		64	17	17
2001	1	40	1	20	64	93	1	20	82	82						1		
	2	40	5	52	82	106	4	51	99	99		52		69	1	93	30	30
	3	40	3	39	53	90	3	39	81	81		74		87	2	110	46	46
	1	42		6	49	87		6	69	68								
	2	42	4	42	78	103	4	42	97	96		19		32		59	14	14
	3	42	2	36	50	86	2	36	77	77		49		59	1	88	22	22
	1	44		4	36	77		4	57	57								
	2	44	2	33	71	100	2	33	92	92		3		5		22	4	4
	3	44	1	30	49	82	1	30	76	76		26		35		63	9	9

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			7	53			7	53								
	2	40			27	80			40	80								
	3	40			24	55			31	55								
	1	42			3	23			2	22								
	2	42			22	76			26	76								
	3	42			18	50			25	50								
	1	44				10				10								
	2	44			15	71			18	71								
	3	44			11	47			14	47								
1991	1	40			3	29			3	29								
	2	40			14	64			23	64								
	3	40			7	32			13	32								
	1	42				9				9								
	2	42			8	58			13	58								
	3	42			3	25			10	25								
	1	44				3				3								
	2	44			4	51			5	50								
	3	44			3	24			7	24								
1992	1	40			3	29			3	29								
	2	40			18	64			26	64								
	3	40			8	31			18	31								
	1	42				16				16								
	2	42			14	55			19	55								
	3	42			5	29			12	29								
	1	44				9				9								
	2	44			12	43			12	43								
	3	44			5	27			8	27								
1993	1	40				36				36								
	2	40			17	72			40	72								
	3	40			8	41			22	41								
	1	42				15				15								
	2	42			12	65			19	65								
	3	42			5	38			17	38								
	1	44				1				1								
	2	44			2	56			5	56								
	3	44			3	34			6	34								
1994	1	40			4	44			5	44								
	2	40			28	74			38	74								
	3	40			22	48			26	48								
	1	42			1	22			1	22								
	2	42			20	71			27	71								
	3	42			15	44			19	44								
	1	44				8				8								
	2	44			13	60			17	60								
	3	44			11	41			16	41								
1995	1	40			1	38			2	38								
	2	40			18	60			34	60								
	3	40			15	41			27	41								
	1	42				15				15								
	2	42			12	57			22	57								
	3	42			9	39			17	39								
	1	44				6				6								
	2	44			6	51			10	51								
	3	44			7	37			13	37								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			6	36			6	36								
	2	40			24	81			38	81								
	3	40			21	47			25	47								
	1	42				21				21								
	2	42			20	76			29	76								
	3	42			19	44			22	44								
	1	44				10				10								
	2	44			16	64			18	65								
	3	44			16	43			19	43								
1997	1	40			2	29			1	28								
	2	40			13	61			24	62								
	3	40			7	33			19	33								
	1	42				10				10								
	2	42			10	55			14	55								
	3	42			3	32			15	32								
	1	44				2				2								
	2	44			7	47			7	48								
	3	44			3	30			12	30								
1998	1	40			8	47			8	47								
	2	40			30	85			48	85								
	3	40			18	54			35	54								
	1	42			3	21			3	21								
	2	42			17	80			34	80								
	3	42			11	46			30	46								
	1	44				11				11								
	2	44			13	72			19	72								
	3	44			7	42			24	42								
1999	1	40			1	34			2	34								
	2	40			13	78			43	78								
	3	40			9	44			28	44								
	1	42			1	7			1	7								
	2	42			4	71			27	72								
	3	42			5	43			21	43								
	1	44				1				1								
	2	44			3	60			12	60								
	3	44			4	39			16	39								
2000	1	40			1	17			2	17								
	2	40			10	39			20	40								
	3	40			4	25			15	24								
	1	42				6				6								
	2	42			6	35			13	36								
	3	42			2	22			11	21								
	1	44				2				2								
	2	44			3	29			5	29								
	3	44			2	18			10	18								
2001	1	40			2	19			2	19								
	2	40			9	40			25	41								
	3	40			5	27			17	27								
	1	42			1	6			1	6								
	2	42			6	36			13	36								
	3	42			3	26			13	26								
	1	44				4				4								
	2	44			4	32			8	33								
	3	44			3	22			11	22								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			13	76			12	2								
	2	40			47	100			53	38								
	3	40			30	69			36	30								
	1	42			4	62			3									
	2	42			29	94			30	24								
	3	42			28	65			32	24								
	1	44				26												
	2	44			22	87			22	12								
	3	44			21	62			22	13								
1991	1	40			3	58			3									
	2	40			28	79			31	21								
	3	40			13	46			17	12								
	1	42			1	38			1									
	2	42			15	74			18	12								
	3	42			10	44			13	9								
	1	44				13												
	2	44			8	71			8	3								
	3	44			5	39			8	6								
1992	1	40			9	55			9									
	2	40			28	81			32	24								
	3	40			14	43			18	18								
	1	42			1	34			1									
	2	42			19	76			22	15								
	3	42			12	36			13	10								
	1	44				18												
	2	44			14	71			14	8								
	3	44			5	33			8	6								
1993	1	40			1	65			1									
	2	40			28	83			45	35								
	3	40			14	53			25	21								
	1	42				40												
	2	42			19	80			25	13								
	3	42			10	47			20	15								
	1	44				17												
	2	44			12	78			13	3								
	3	44			6	45			8	3								
1994	1	40			10	71			10	1								
	2	40			36	81			40	33								
	3	40			27	61			29	21								
	1	42			2	50			2									
	2	42			28	79			33	20								
	3	42			22	57			25	16								
	1	44			1	28			1									
	2	44			20	76			22	12								
	3	44			19	54			21	13								
1995	1	40			6	57			7	1								
	2	40			36	72			43	32								
	3	40			21	49			30	25								
	1	42			1	42			1									
	2	42			19	68			27	19								
	3	42			16	48			24	15								
	1	44				18												
	2	44			12	61			16	5								
	3	44			10	45			17	9								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.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.
1996	1	40			11	76			11	1								
	2	40			35	92			42	38								
	3	40			24	62			27	23								
	1	42				53												
	2	42			25	88			31	24								
	3	42			22	57			24	16								
	1	44				24												
	2	44			20	86			22	7								
	3	44			20	54			21	13								
1997	1	40			4	55			3									
	2	40			24	77			30	23								
	3	40			16	52			20	19								
	1	42				34												
	2	42			14	70			17	12								
	3	42			11	44			17	15								
	1	44				12												
	2	44			10	67			10	2								
	3	44			6	39			14	12								
1998	1	40			11	80			11	3								
	2	40			42	106			51	44								
	3	40			26	67			37	34								
	1	42			6	54			6									
	2	42			31	98			39	31								
	3	42			23	60			32	30								
	1	44			2	30			2									
	2	44			17	90			21	16								
	3	44			12	58			24	24								
1999	1	40			1	71			2	2								
	2	40			29	90			46	43								
	3	40			18	57			29	28								
	1	42			1	46			1									
	2	42			16	85			32	26								
	3	42			11	55			21	21								
	1	44				13												
	2	44			4	80			13	10								
	3	44			8	48			17	15								
2000	1	40			2	35			3	2								
	2	40			18	52			21	20								
	3	40			9	34			15	15								
	1	42				18												
	2	42			10	47			14	12								
	3	42			7	31			13	11								
	1	44				9												
	2	44			6	44			7	5								
	3	44			4	30			10	10								
2001	1	40			4	36			4	1								
	2	40			14	53			25	25								
	3	40			8	35			17	17								
	1	42			1	26			1									
	2	42			10	49			15	12								
	3	42			5	33			14	13								
	1	44			1	9			1									
	2	44			6	41			9	7								
	3	44			5	30			12	10								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			50	91			66	91								
	2	40		5	80	113		5	96	113								
	3	40		1	54	76		1	67	78								
	1	42			23	78			26	78								
	2	42		3	75	108		3	90	108								
	3	42			49	73			63	74								
	1	44			9	62			10	62								
	2	44		2	68	102		2	79	103								
	3	44			46	73			59	74								
1991	1	40			29	72			42	73								
	2	40		3	64	92		3	81	94								
	3	40			32	63			53	68								
	1	42			8	59			13	59								
	2	42		1	58	84		1	72	83								
	3	42			25	56			46	63								
	1	44			3	38			3	38								
	2	44			48	80			63	80								
	3	44			24	53			42	57								
1992	1	40			28	76			41	76								
	2	40		2	62	93		2	77	93								
	3	40			31	51			44	54								
	1	42			14	56			20	56								
	2	42		1	55	88		1	72	88								
	3	42			29	49			37	49								
	1	44			7	34			8	34								
	2	44			39	81			60	81								
	3	44			27	46			32	46								
1993	1	40			32	79			54	80								
	2	40			71	90			87	92								
	3	40			40	63			56	67								
	1	42			12	65			19	65								
	2	42			64	87			80	88								
	3	42			38	57			54	61								
	1	44			1	40			1	40								
	2	44			53	83			75	85								
	3	44			34	56			48	58								
1994	1	40			36	77			48	77								
	2	40		4	74	95		4	80	96								
	3	40		2	48	72		2	59	73								
	1	42			21	73			28	73								
	2	42		2	70	89		2	77	90								
	3	42		1	44	70		1	55	70								
	1	44			7	50			8	50								
	2	44		1	55	82		1	72	82								
	3	44		1	40	66		1	55	66								
1995	1	40			36	65			51	65								
	2	40		1	60	85		1	75	86								
	3	40		1	41	56		1	52	60								
	1	42			13	57			23	57								
	2	42		1	57	78		1	67	79								
	3	42			39	52			50	56								
	1	44			4	42			5	42								
	2	44			50	74			60	74								
	3	44			37	51			47	53								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			35	88			49	88								
	2	40		5	81	104		5	87	105								
	3	40		3	47	79		3	63	82								
	1	42			20	77			30	77								
	2	42			75	99			82	99								
	3	42		1	44	74		1	55	75								
	1	44			10	53			10	53								
	2	44			63	92			73	92								
	3	44			41	70			49	70								
1997	1	40			25	68			44	68								
	2	40		1	60	94		1	86	100								
	3	40		1	33	61		1	60	68								
	1	42			11	55			17	55								
	2	42			55	87			78	92								
	3	42			32	59			53	64								
	1	44			2	35			1	34								
	2	44			40	81			64	84								
	3	44			28	57			49	61								
1998	1	40			42	97			69	97								
	2	40		8	85	119		8	105	121								
	3	40		2	54	88		2	78	90								
	1	42			17	82			36	82								
	2	42		6	78	115		6	97	116								
	3	42		2	45	82		2	72	85								
	1	44			9	54			11	54								
	2	44		3	72	107		3	84	107								
	3	44			41	77			64	81								
1999	1	40			30	84			64	85								
	2	40		1	78	111		1	93	111								
	3	40			44	75			69	80								
	1	42			7	73			29	74								
	2	42		1	70	104		1	89	106								
	3	42			43	70			64	76								
	1	44			1	46			3	46								
	2	44		1	60	91		1	83	94								
	3	44			39	68			58	73								
2000	1	40			18	46			35	48								
	2	40		1	39	67		1	67	77								
	3	40			25	45			42	48								
	1	42			6	36			13	37								
	2	42			36	59			58	64								
	3	42			21	42			37	43								
	1	44			1	18			2	18								
	2	44			27	53			47	58								
	3	44			18	40			34	40								
2001	1	40			16	48			40	49								
	2	40		2	39	69		2	67	71								
	3	40		1	27	42		1	42	48								
	1	42			6	36			14	36								
	2	42		1	35	66		1	63	68								
	3	42		1	25	40		1	38	44								
	1	44			3	26			4	26								
	2	44		1	32	54		1	51	58								
	3	44			22	38			36	41								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40		3	63	108		3	71	58								
	2	40		21	90	120		21	97	96								
	3	40		13	61	83		13	69	67								
	1	42			31	96			31	24								
	2	42		15	80	116		15	92	90								
	3	42		10	58	79		10	65	63								
	1	44			16	80			17	6								
	2	44		7	75	114		7	82	79								
	3	44		9	50	78		9	59	59								
1991	1	40		1	41	83		1	50	39								
	2	40		6	72	116		6	82	81								
	3	40		3	38	72		3	54	52								
	1	42			15	77			18	12								
	2	42		3	65	110		3	74	72								
	3	42		2	35	69		2	49	46								
	1	44			4	63			4	1								
	2	44		3	58	96		3	66	63								
	3	44		1	26	68		1	42	42								
1992	1	40		1	36	88		1	44	40								
	2	40		14	73	115		14	78	77								
	3	40		5	33	68		5	44	44								
	1	42			19	78			22	16								
	2	42		12	64	109		12	72	72								
	3	42		4	33	66		4	38	37								
	1	44			12	62			12	2								
	2	44		7	55	98		7	64	59								
	3	44		2	31	61		2	34	32								
1993	1	40			41	87			56	53								
	2	40		12	79	105		12	87	87								
	3	40		3	44	82		3	56	56								
	1	42			19	81			25	15								
	2	42		2	72	99		2	81	80								
	3	42		2	42	79		2	54	54								
	1	44			2	71			2									
	2	44		1	64	93		1	77	75								
	3	44		1	39	73		1	48	48								
1994	1	40		2	53	89		2	58	47								
	2	40		20	77	113		20	81	80								
	3	40		13	51	81		13	59	59								
	1	42		1	30	79		1	33	21								
	2	42		13	74	107		13	77	76								
	3	42		8	51	79		8	56	55								
	1	44			13	74			13	4								
	2	44		7	70	98		7	75	71								
	3	44		4	46	76		4	55	55								
1995	1	40		1	44	78		1	51	48								
	2	40		12	62	101		12	75	75								
	3	40		8	45	74		8	53	52								
	1	42			20	70			28	19								
	2	42		7	60	95		7	67	66								
	3	42		5	43	68		5	51	50								
	1	44			7	60			8	1								
	2	44		4	57	88		4	63	60								
	3	44		3	39	64		3	47	47								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			56	99			61	49								
	2	40		20	88	121		20	90	87								
	3	40		19	52	89		19	63	63								
	1	42			25	89			32	26								
	2	42		16	81	115		16	84	82								
	3	42		10	50	88		10	57	55								
	1	44			16	81			16	2								
	2	44		9	75	110		9	77	73								
	3	44		8	44	87		8	49	49								
1997	1	40			36	86			45	43								
	2	40		8	69	110		8	86	86								
	3	40		3	36	80		3	60	60								
	1	42			14	73			19	14								
	2	42		6	63	107		6	79	78								
	3	42		3	34	71		3	53	53								
	1	44			7	58			6									
	2	44		1	54	99		1	66	64								
	3	44		2	32	66		2	49	49								
1998	1	40		6	55	115		6	71	68								
	2	40		17	94	133		17	105	105								
	3	40		8	58	101		8	78	78								
	1	42		2	32	102		2	41	34								
	2	42		13	85	127		13	97	97								
	3	42		5	55	98		5	72	72								
	1	44			13	85			14	8								
	2	44		9	78	123		9	84	84								
	3	44		4	48	93		4	65	64								
1999	1	40		1	47	104		1	67	64								
	2	40		4	82	124		4	94	93								
	3	40		4	48	98		4	69	69								
	1	42			20	86			33	28								
	2	42		3	78	119		3	89	89								
	3	42			45	94			64	64								
	1	44			3	78			5	3								
	2	44		1	70	113		1	83	83								
	3	44			44	88			58	58								
2000	1	40			21	59			35	35								
	2	40		6	45	90		6	67	67								
	3	40		2	29	62		2	42	42								
	1	42			10	49			14	12								
	2	42		3	39	78		3	58	58								
	3	42		1	28	56		1	37	37								
	1	44			3	39			4	2								
	2	44		1	36	73		1	48	47								
	3	44			22	51			34	34								
2001	1	40		1	28	66		1	41	40								
	2	40		6	44	84		6	67	67								
	3	40		3	30	58		3	42	42								
	1	42		1	10	50		1	16	14								
	2	42		4	40	78		4	63	63								
	3	42		3	27	53		3	38	38								
	1	44			4	39			5	3								
	2	44		3	35	74		3	51	51								
	3	44		1	26	50		1	36	36								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			4	35			3	34								
	2	40			22	76			26	76								
	3	40			13	49			21	49								
	1	42			1	16				15								
	2	42			15	71			18	71								
	3	42			10	46			13	46								
	1	44				5				5								
	2	44			8	61			8	61								
	3	44			9	44			11	44								
1991	1	40			1	19			1	19								
	2	40			7	58			12	58								
	3	40			3	24			9	24								
	1	42				5				5								
	2	42			4	51			5	50								
	3	42			2	23			4	23								
	1	44				3				3								
	2	44			3	37			3	37								
	3	44			1	22			2	22								
1992	1	40			1	22			1	22								
	2	40			14	55			19	55								
	3	40			5	28			10	28								
	1	42				12				12								
	2	42			12	43			12	43								
	3	42			3	26			5	26								
	1	44				2				2								
	2	44			6	33			7	33								
	3	44			2	25			3	25								
1993	1	40				21				21								
	2	40			11	64			14	64								
	3	40			3	38			10	38								
	1	42				5				5								
	2	42			2	56			5	56								
	3	42			2	34			3	34								
	1	44																
	2	44				39				39								
	3	44			1	28			1	28								
1994	1	40			2	30			2	30								
	2	40			20	70			27	70								
	3	40			12	44			18	44								
	1	42			1	14			1	14								
	2	42			13	60			17	60								
	3	42			8	40			13	40								
	1	44				4				4								
	2	44			6	48			7	48								
	3	44			5	36			7	36								
1995	1	40			1	21			1	21								
	2	40			12	57			22	57								
	3	40			8	39			16	39								
	1	42				8				8								
	2	42			6	51			10	51								
	3	42			5	36			11	36								
	1	44				1				1								
	2	44			3	41			4	41								
	3	44			3	32			5	33								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40				29				29								
	2	40			20	75			29	75								
	3	40			19	44			22	44								
	1	42				17				17								
	2	42			16	64			18	65								
	3	42			10	38			12	38								
	1	44				5				5								
	2	44			8	51			8	51								
	3	44			8	36			9	36								
1997	1	40				16				16								
	2	40			8	53			14	53								
	3	40			3	31			13	31								
	1	42				6				6								
	2	42			7	47			7	48								
	3	42			3	28			8	28								
	1	44				1				1								
	2	44			2	34			1	33								
	3	44			2	27			2	27								
1998	1	40			6	33			6	33								
	2	40			17	79			34	79								
	3	40			8	45			26	45								
	1	42			2	15			2	15								
	2	42			13	72			19	72								
	3	42			5	40			19	41								
	1	44				8				8								
	2	44			9	53			10	53								
	3	44			4	37			10	37								
1999	1	40			1	22			1	22								
	2	40			4	70			27	71								
	3	40			4	41			20	41								
	1	42				4				4								
	2	42			3	60			12	60								
	3	42				38			11	38								
	1	44				1				1								
	2	44			1	45			3	45								
	3	44				33			7	33								
2000	1	40				11				11								
	2	40			5	35			12	36								
	3	40			2	20			11	19								
	1	42				5				5								
	2	42			3	29			5	29								
	3	42			1	16			7	16								
	1	44				1				1								
	2	44			1	17			2	17								
	3	44				15			5	15								
2001	1	40			1	11			1	11								
	2	40			5	35			13	35								
	3	40			3	25			11	25								
	1	42			1	4			1	4								
	2	42			4	32			8	33								
	3	42			3	21			7	21								
	1	44				2				2								
	2	44			3	25			3	25								
	3	44			2	17			4	17								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			6	71			5									
	2	40			29	95			30	24								
	3	40			24	65			26	19								
	1	42			3	47			2									
	2	42			22	88			22	12								
	3	42			19	62			20	13								
	1	44				21												
	2	44			15	79			15	5								
	3	44			11	58			12	9								
1991	1	40			3	50			3									
	2	40			15	74			17	11								
	3	40			7	44			10	8								
	1	42				24												
	2	42			8	71			8	3								
	3	42			4	38			6	3								
	1	44				6												
	2	44			3	62			3	1								
	3	44			3	35			4	2								
1992	1	40			2	43			2									
	2	40			19	77			22	15								
	3	40			8	36			11	8								
	1	42				27												
	2	42			14	73			14	8								
	3	42			5	33			6	3								
	1	44				14												
	2	44			12	62			12	2								
	3	44			5	33			5	2								
1993	1	40				56												
	2	40			19	80			21	9								
	3	40			8	47			12	7								
	1	42				27												
	2	42			12	78			13	3								
	3	42			5	45			6	1								
	1	44				11												
	2	44			2	70			2									
	3	44			3	42			3									
1994	1	40			4	60			4									
	2	40		1	28	79		1	33	20								
	3	40			22	57			25	15								
	1	42			1	35			1									
	2	42			20	77			22	12								
	3	42			15	53			17	11								
	1	44				20												
	2	44			13	74			13	3								
	3	44			11	51			11	6								
1995	1	40			1	51			1									
	2	40			19	68			27	19								
	3	40			15	48			23	12								
	1	42				35												
	2	42			12	61			16	5								
	3	42			9	45			16	8								
	1	44				12												
	2	44			6	57			7	1								
	3	44			7	43			9	3								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			6	64			6									
	2	40			25	89			31	24								
	3	40			21	57			23	15								
	1	42				34												
	2	42			20	86			22	7								
	3	42			19	54			19	8								
	1	44				20												
	2	44			16	79			16	2								
	3	44			16	50			16	3								
1997	1	40			1	47			1									
	2	40			14	71			17	10								
	3	40			7	44			15	13								
	1	42				21												
	2	42			10	67			10	2								
	3	42			4	38			9	8								
	1	44				7												
	2	44			7	57			6									
	3	44			3	34			3	2								
1998	1	40			8	72			8									
	2	40		1	31	99		1	39	31								
	3	40			18	60			28	26								
	1	42			3	40			3									
	2	42			17	92			21	16								
	3	42			12	58			20	19								
	1	44				17												
	2	44			13	83			13	7								
	3	44			6	55			11	10								
1999	1	40			1	60			1	1								
	2	40			16	85			32	26								
	3	40			9	54			20	20								
	1	42			1	28			1									
	2	42			4	81			13	10								
	3	42			5	48			13	11								
	1	44				4												
	2	44			3	77			5	3								
	3	44			3	45			9	7								
2000	1	40			1	29			1									
	2	40			10	48			13	11								
	3	40			4	31			11	11								
	1	42				15												
	2	42			6	44			7	5								
	3	42			2	30			7	7								
	1	44				5												
	2	44			3	39			4	2								
	3	44			2	28			5	5								
2001	1	40			2	32			2									
	2	40			10	50			15	12								
	3	40			5	33			12	11								
	1	42			1	14			1									
	2	42			6	43			9	7								
	3	42			3	30			8	6								
	1	44				5												
	2	44			4	37			4	2								
	3	44			3	27			4	3								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			13	65			14	65								
	2	40			47	90			64	90								
	3	40			30	62			38	62								
	1	42			4	35			3	34								
	2	42			29	82			41	82								
	3	42			27	60			36	60								
	1	44			1	16				15								
	2	44			22	76			26	76								
	3	44			22	54			29	54								
1991	1	40			3	45			3	45								
	2	40			25	72			38	72								
	3	40			13	39			22	39								
	1	42			1	19			1	19								
	2	42			15	66			23	66								
	3	42			9	36			17	36								
	1	44				5				5								
	2	44			8	58			13	58								
	3	44			5	32			12	32								
1992	1	40			11	39			12	39								
	2	40			27	73			40	73								
	3	40			14	33			21	33								
	1	42			1	22			1	22								
	2	42			19	66			27	66								
	3	42			10	33			19	33								
	1	44				12				12								
	2	44			14	55			19	55								
	3	44			6	31			14	31								
1993	1	40			1	49			2	49								
	2	40			27	79			54	80								
	3	40			14	45			28	45								
	1	42				21				21								
	2	42			19	76			41	76								
	3	42			10	42			28	42								
	1	44				5				5								
	2	44			12	65			19	65								
	3	44			6	40			17	40								
1994	1	40			13	54			14	54								
	2	40			35	77			48	77								
	3	40			27	54			39	55								
	1	42			2	30			2	30								
	2	42			28	74			38	74								
	3	42			22	51			37	53								
	1	44			1	14			1	14								
	2	44			20	71			27	71								
	3	44			20	48			23	48								
1995	1	40			6	48			8	48								
	2	40			35	65			51	65								
	3	40			21	45			33	45								
	1	42			1	21			1	21								
	2	42			19	60			36	61								
	3	42			15	43			29	43								
	1	44				8				8								
	2	44			12	57			22	57								
	3	44			11	41			22	41								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			13	62			14	63								
	2	40			34	88			49	88								
	3	40			24	54			34	54								
	1	42				29				29								
	2	42			25	81			38	81								
	3	42			22	52			27	52								
	1	44				17				17								
	2	44			20	76			29	76								
	3	44			20	47			22	47								
1997	1	40			5	38			4	37								
	2	40			22	67			38	67								
	3	40			16	39			28	41								
	1	42				16				16								
	2	42			14	62			24	63								
	3	42			10	36			21	36								
	1	44				6				6								
	2	44			10	55			14	55								
	3	44			7	33			18	33								
1998	1	40			11	65			13	65								
	2	40			40	96			67	96								
	3	40			26	58			42	59								
	1	42			6	33			6	33								
	2	42			31	87			48	87								
	3	42			22	56			37	56								
	1	44			2	15			2	15								
	2	44			17	80			34	80								
	3	44			15	54			35	54								
1999	1	40			1	58			6	58								
	2	40			28	83			61	84								
	3	40			18	48			42	50								
	1	42			1	22			1	22								
	2	42			16	78			45	78								
	3	42			10	46			33	46								
	1	44				4				4								
	2	44			4	71			27	72								
	3	44			8	44			26	44								
2000	1	40			2	25			5	25								
	2	40			16	46			35	48								
	3	40			9	30			17	30								
	1	42				11				11								
	2	42			11	40			20	41								
	3	42			7	29			16	29								
	1	44				5				5								
	2	44			6	35			13	36								
	3	44			4	25			13	24								
2001	1	40			4	31			5	31								
	2	40			14	44			38	48								
	3	40			8	30			24	32								
	1	42			1	11			1	11								
	2	42			10	40			26	41								
	3	42			5	28			18	28								
	1	44			1	4			1	4								
	2	44			6	36			13	36								
	3	44			5	27			17	27								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			17	82			18	7								
	2	40		3	63	108		3	71	57								
	3	40			38	73			41	38								
	1	42			7	71			6	1								
	2	42		2	47	102		2	53	38								
	3	42			35	72			41	34								
	1	44			3	47			2									
	2	44			29	95			30	24								
	3	44			29	68			34	27								
1991	1	40			5	66			5	1								
	2	40		1	41	83		1	47	36								
	3	40			20	55			23	20								
	1	42			3	52			3									
	2	42			28	79			31	23								
	3	42			15	52			19	15								
	1	44				24												
	2	44			15	75			18	12								
	3	44			10	46			15	12								
1992	1	40			12	66			12	2								
	2	40			36	87			44	39								
	3	40			24	48			25	21								
	1	42			3	44			3									
	2	42			28	81			32	25								
	3	42			19	45			22	19								
	1	44				27												
	2	44			19	78			22	15								
	3	44			13	41			16	12								
1993	1	40			6	76			7	1								
	2	40			41	86			56	53								
	3	40			23	56			31	27								
	1	42				57												
	2	42			28	83			45	38								
	3	42			18	56			30	26								
	1	44				27												
	2	44			19	80			25	13								
	3	44			12	52			21	16								
1994	1	40			14	74			15	5								
	2	40		2	53	89		2	58	47								
	3	40		1	34	68		1	41	37								
	1	42			4	62			4									
	2	42		1	36	82		1	40	33								
	3	42		1	31	65		1	38	34								
	1	44			1	35			1									
	2	44		1	28	79		1	33	20								
	3	44			24	58			26	18								
1995	1	40			9	60			11	3								
	2	40		1	44	77		1	51	46								
	3	40			30	52			35	32								
	1	42			1	52			1									
	2	42			36	74			45	35								
	3	42			25	51			31	29								
	1	44				35												
	2	44			19	69			27	19								
	3	44			17	49			26	20								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			18	81			19	4								
	2	40			56	99			61	49								
	3	40			32	73			38	34								
	1	42			6	65			6									
	2	42			35	92			42	38								
	3	42			26	66			30	27								
	1	44				34												
	2	44			25	89			31	24								
	3	44			22	60			24	20								
1997	1	40			7	62			6									
	2	40			36	86			42	37								
	3	40			26	58			29	28								
	1	42			1	48			1									
	2	42			24	81			30	23								
	3	42			18	56			22	21								
	1	44				21												
	2	44			14	73			17	12								
	3	44			15	51			19	17								
1998	1	40			16	87			17	9								
	2	40		6	55	114		6	70	67								
	3	40		1	36	80		1	42	42								
	1	42			8	74			8	1								
	2	42		3	42	107		3	51	45								
	3	42			32	73			38	37								
	1	44			3	40			3									
	2	44		2	31	100		2	39	31								
	3	44			25	65			36	34								
1999	1	40			4	78			9	6								
	2	40		1	47	104		1	65	59								
	3	40			27	70			44	42								
	1	42			1	61			1	1								
	2	42		1	29	91		1	47	45								
	3	42			22	63			35	33								
	1	44			1	28			1									
	2	44			16	86			32	26								
	3	44			11	56			26	26								
2000	1	40			5	40			6	4								
	2	40			21	58			35	35								
	3	40			14	42			18	17								
	1	42			1	29			1									
	2	42			18	53			21	20								
	3	42			10	38			16	16								
	1	44				15												
	2	44			10	49			14	12								
	3	44			7	33			13	13								
2001	1	40			4	40			5	3								
	2	40		1	28	66		1	41	38								
	3	40		1	16	39		1	24	24								
	1	42			2	33			2									
	2	42		1	14	54		1	26	26								
	3	42			11	36			18	18								
	1	44			1	14			1									
	2	44		1	10	50		1	15	12								
	3	44			6	35			17	17								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(9)

City	Alice Springs	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			14	68			16	68								
	2	40			50	91			67	91								
	3	40			32	64			41	64								
	1	42			5	41			4	40								
	2	42			34	83			48	83								
	3	42			29	60			37	60								
	1	44			1	18				17								
	2	44			23	78			27	78								
	3	44			24	56			31	56								
1991	1	40			4	47			5	46								
	2	40			29	72			44	73								
	3	40			14	41			24	42								
	1	42			2	20			2	20								
	2	42			17	67			28	67								
	3	42			10	37			17	37								
	1	44				5				5								
	2	44			9	60			15	60								
	3	44			7	33			14	33								
1992	1	40			11	39			12	39								
	2	40			28	76			42	76								
	3	40			18	36			23	36								
	1	42			1	26			1	26								
	2	42			21	69			32	69								
	3	42			12	33			20	33								
	1	44				13				13								
	2	44			15	56			22	56								
	3	44			8	33			17	33								
1993	1	40			1	53			3	53								
	2	40			32	79			55	80								
	3	40			16	45			30	45								
	1	42				23				23								
	2	42			20	77			45	77								
	3	42			11	42			28	42								
	1	44				6				6								
	2	44			13	66			20	66								
	3	44			8	41			21	41								
1994	1	40			13	55			15	55								
	2	40			36	77			51	77								
	3	40			30	54			39	55								
	1	42			2	33			2	33								
	2	42			30	75			42	75								
	3	42			23	51			38	53								
	1	44			1	17			1	17								
	2	44			21	74			28	74								
	3	44			22	49			26	50								
1995	1	40			6	50			9	50								
	2	40			36	65			51	65								
	3	40			22	47			35	47								
	1	42			1	26			1	26								
	2	42			21	60			40	61								
	3	42			17	44			30	44								
	1	44				10				10								
	2	44			15	57			25	57								
	3	44			15	41			26	41								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(9)

City	Alice Springs	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40			13	63			14	64								
	2	40			35	88			49	88								
	3	40			24	55			35	55								
	1	42			1	32			1	32								
	2	42			29	84			43	84								
	3	42			22	52			30	52								
	1	44				20				20								
	2	44			21	79			33	79								
	3	44			21	47			24	47								
1997	1	40			6	39			6	40								
	2	40			25	68			44	68								
	3	40			18	39			29	41								
	1	42				18				18								
	2	42			16	63			27	64								
	3	42			13	36			22	36								
	1	44				6				6								
	2	44			11	55			17	55								
	3	44			7	34			19	34								
1998	1	40			13	72			16	72								
	2	40			42	97			70	97								
	3	40			30	58			42	59								
	1	42			6	37			6	37								
	2	42			32	88			53	89								
	3	42			23	56			42	57								
	1	44			2	16			2	16								
	2	44			19	83			39	83								
	3	44			18	54			35	54								
1999	1	40			2	60			9	60								
	2	40			30	84			66	85								
	3	40			21	51			45	53								
	1	42			1	23			1	23								
	2	42			21	78			51	78								
	3	42			11	46			36	46								
	1	44				4				4								
	2	44			7	76			31	77								
	3	44			9	45			28	45								
2000	1	40			2	26			5	26								
	2	40			18	46			36	48								
	3	40			10	30			17	30								
	1	42				12				12								
	2	42			12	41			25	43								
	3	42			7	29			16	29								
	1	44				5				5								
	2	44			6	36			13	37								
	3	44			4	25			13	25								
2001	1	40			4	32			7	33								
	2	40			16	48			42	49								
	3	40			9	31			26	33								
	1	42			2	12			2	12								
	2	42			10	41			30	43								
	3	42			5	28			21	29								
	1	44			1	4			1	4								
	2	44			6	36			16	36								
	3	44			5	27			17	27								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(9a)

City	Alice Springs	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			18	83			19	9								
	2	40		4	64	108		4	73	61								
	3	40			40	73			43	40								
	1	42			8	72			7	1								
	2	42		2	52	106		2	59	44								
	3	42			36	73			41	36								
	1	44			3	50			2									
	2	44			34	97			35	25								
	3	44			30	69			36	30								
1991	1	40			6	67			6	3								
	2	40		1	43	84		1	51	42								
	3	40			21	56			25	21								
	1	42			3	54			3									
	2	42			29	79			36	28								
	3	42			16	52			19	15								
	1	44			1	28			1									
	2	44			17	78			19	13								
	3	44			12	47			17	13								
1992	1	40			13	69			13	5								
	2	40		1	38	88		1	46	41								
	3	40			24	49			26	22								
	1	42			5	49			5									
	2	42			28	82			35	29								
	3	42			23	45			25	20								
	1	44				28												
	2	44			21	79			25	19								
	3	44			14	44			17	16								
1993	1	40			6	77			8	2								
	2	40			47	87			58	54								
	3	40			27	57			33	30								
	1	42				60												
	2	42			32	86			47	42								
	3	42			19	56			30	26								
	1	44				32												
	2	44			20	81			26	15								
	3	44			14	53			24	20								
1994	1	40			18	75			19	9								
	2	40		2	54	90		2	62	50								
	3	40		1	35	70		1	42	39								
	1	42			6	64			6									
	2	42		1	41	84		1	48	38								
	3	42		1	31	66		1	38	35								
	1	44			1	36			1									
	2	44		1	30	80		1	33	21								
	3	44		1	26	62		1	29	21								
1995	1	40			11	60			14	4								
	2	40		1	47	78		1	52	49								
	3	40			31	52			36	34								
	1	42			2	55			2									
	2	42			37	74			47	38								
	3	42			29	51			34	30								
	1	44				36												
	2	44			21	71			29	19								
	3	44			20	49			28	23								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(9a)

City	Alice Springs	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40			20	84			21	4								
	2	40			58	99			61	49								
	3	40		1	34	74		1	39	35								
	1	42			8	71			8									
	2	42			35	92			45	42								
	3	42			29	68			34	30								
	1	44				35												
	2	44			29	89			36	29								
	3	44			22	62			25	22								
1997	1	40			8	63			8	2								
	2	40			37	86			46	43								
	3	40			27	59			31	29								
	1	42			1	51			1									
	2	42			27	82			34	25								
	3	42			24	57			26	22								
	1	44				24												
	2	44			16	73			21	14								
	3	44			15	52			20	19								
1998	1	40			16	88			18	13								
	2	40		6	64	116		6	76	69								
	3	40		2	37	82		2	43	42								
	1	42			8	77			8	1								
	2	42		5	43	109		5	56	51								
	3	42			34	76			42	42								
	1	44			5	42			5									
	2	44		2	32	103		2	44	37								
	3	44			25	68			36	34								
1999	1	40			4	78			11	8								
	2	40		1	51	104		1	69	66								
	3	40			28	70			45	45								
	1	42			1	64			1	1								
	2	42		1	31	93		1	52	50								
	3	42			26	66			38	36								
	1	44			1	30			1									
	2	44			21	86			34	31								
	3	44			14	57			28	28								
2000	1	40			5	41			6	4								
	2	40			25	60			36	36								
	3	40			15	42			18	17								
	1	42			1	32			1									
	2	42			18	53			25	25								
	3	42			12	39			16	16								
	1	44				17												
	2	44			11	50			14	13								
	3	44			9	34			13	13								
2001	1	40			5	41			7	6								
	2	40		1	29	66		1	42	42								
	3	40		1	16	40		1	26	26								
	1	42			2	34			2									
	2	42		1	17	57		1	31	30								
	3	42			14	38			22	21								
	1	44			1	16			1									
	2	44		1	10	51		1	18	16								
	3	44			6	35			17	17								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(10)

City	Alice Springs	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		3	76	108		3	90	108								
	2	40	1	21	101	120	1	21	109	122							1	1
	3	40		13	69	83		13	80	86								1
	1	42			58	96			75	97								
	2	42		15	94	116		15	105	117								
	3	42		10	65	79		10	77	83								
	1	44			25	80			35	80								
	2	44		7	85	114		7	101	114								
	3	44		9	62	78		9	74	80								
1991	1	40		1	59	85		1	72	84								
	2	40		6	79	116		6	99	120								
	3	40		3	48	72		3	72	79								
	1	42			34	77			53	78								
	2	42		3	75	110		3	91	111								
	3	42		2	45	69		2	65	77								
	1	44			13	63			21	64								
	2	44		3	70	96		3	86	99								
	3	44		1	41	68		1	59	73								
1992	1	40		1	55	88		1	72	88								
	2	40		14	81	115		14	102	116								
	3	40		5	43	68		5	61	70								
	1	42			33	78			52	78								
	2	42		12	76	109		12	94	110								
	3	42		4	36	66		4	58	67								
	1	44			18	62			24	62								
	2	44		7	70	98		7	84	100								
	3	44		2	34	61		2	50	63								
1993	1	40			64	87			80	88								
	2	40		12	83	105	1	13	101	110					1	1	1	1
	3	40		3	53	82		3	73	87							1	1
	1	42			39	81			69	82								
	2	42		2	80	99		2	96	104							1	1
	3	42		2	47	79		2	68	81							1	1
	1	44			16	71			33	71								
	2	44		1	77	93		1	89	97							1	1
	3	44		1	45	77		1	65	80								
1994	1	40		2	70	90		2	77	91								
	2	40	1	20	81	113	1	20	91	113							1	1
	3	40	1	13	61	80	1	13	73	83							1	1
	1	42		1	46	79		1	59	79								
	2	42	1	13	79	107	1	13	85	108								
	3	42		8	57	79		8	66	81								
	1	44			27	74			36	74								
	2	44		7	76	98		7	82	99								
	3	44		4	54	76		4	65	78								
1995	1	40		1	57	78		1	67	79								
	2	40		12	72	101		12	90	105								
	3	40		8	49	73		8	66	76								
	1	42			40	70			56	70								
	2	42		7	68	95		7	84	96								
	3	42		5	48	68		5	63	72								
	1	44			16	60			30	60								
	2	44		4	60	88		4	79	89								
	3	44		3	46	66		3	60	70								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(10)

City	Alice Springs	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			75	99			82	99								
	2	40		20	93	121		20	106	123								
	3	40		19	63	89		19	79	93								
	1	42			48	89			59	89								
	2	42		16	88	115		16	98	116								
	3	42		10	57	88		10	77	91								
	1	44			23	81			35	81								
	2	44		9	86	110		9	92	111								
	3	44		8	54	88		8	73	90								
1997	1	40			55	87			78	92								
	2	40		8	79	110		8	105	114								
	3	40		3	53	79		3	79	87								
	1	42			32	73			51	73								
	2	42		6	72	107		6	99	111								
	3	42		3	44	71		3	75	82								
	1	44			11	58			20	59								
	2	44		1	66	100		1	88	105								
	3	44		2	39	66		2	71	76								
1998	1	40		6	79	116		6	97	116								
	2	40	2	17	106	133	2	17	125	133							1	1
	3	40		8	66	101		8	95	103							1	1
	1	42		2	51	102		2	79	102								
	2	42	1	13	98	127	1	13	122	127								
	3	42		5	60	98		5	91	99								
	1	44			26	85			44	85								
	2	44		9	89	123		9	111	125								
	3	44		4	58	94		4	86	96								
1999	1	40		1	70	104		1	89	106								
	2	40	1	4	90	124	1	4	113	125							1	1
	3	40		4	57	97		4	96	104							1	1
	1	42			44	86			73	87								
	2	42		3	85	119		3	106	120								
	3	42			54	94			87	99								
	1	44			11	78			40	78								
	2	44		1	78	113		1	99	114								
	3	44			48	88			77	93								
2000	1	40			36	60			58	65								
	2	40		6	51	90		6	94	104								
	3	40		2	33	62		2	70	77								
	1	42			18	49			39	51								
	2	42		3	47	78		3	79	86								
	3	42		1	31	56		1	59	66								
	1	44			8	39			18	40								
	2	44		1	42	73		1	73	81								
	3	44			30	52			50	60								
2001	1	40		1	35	66		1	63	68								
	2	40	1	6	53	84	1	6	82	88								
	3	40		3	35	56		3	68	71							1	1
	1	42		1	24	50		1	44	53								
	2	42		4	49	78		4	76	81								
	3	42		3	33	53		3	61	63								
	1	44			7	39			22	40								
	2	44		3	41	74		3	69	77								
	3	44		1	30	50		1	57	60								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(10a)

City	Alice Springs	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		15	80	116		15	92	90								
	2	40	3	56	108	134	3	56	112	109						6	1	1
	3	40		36	73	101		36	81	80		2		6		22		
	1	42		5	69	111		5	76	71								
	2	42	2	41	100	132	2	41	105	105								
	3	42		30	72	94		30	79	77						3		
	1	44		1	42	100		1	47	34								
	2	44		23	94	125		23	101	101								
	3	44		26	67	90		26	75	74								
1991	1	40		3	65	110		3	74	72								
	2	40	1	31	83	140	1	31	99	99								
	3	40		16	54	92		16	73	72						3		
	1	42		3	49	90		3	57	52								
	2	42		20	80	134		20	91	91								
	3	42		13	52	87		13	67	65								
	1	44			22	78			25	17								
	2	44		11	75	121		11	86	86								
	3	44		9	47	82		9	60	59								
1992	1	40		12	64	109		12	72	72								
	2	40		30	85	130		30	102	102						1		
	3	40		22	46	92		22	61	61						6		
	1	42		1	41	93		1	54	51								
	2	42		26	81	123		26	94	94								
	3	42		14	44	84		14	59	58								
	1	44			26	81			28	22								
	2	44		18	76	115		18	85	84								
	3	44		10	39	75		10	51	50								
1993	1	40		2	72	99		2	81	80								
	2	40		39	86	120	1	40	101	101					1	1	1	1
	3	40		19	56	90		19	74	73						5	1	1
	1	42			55	89			71	68								
	2	42		24	83	109		24	96	96							1	1
	3	42		14	53	89		14	68	68							1	1
	1	44			24	83			39	27								
	2	44		16	80	108		16	89	89							1	1
	3	44		9	49	86		9	66	65								
1994	1	40		13	74	107		13	77	76								
	2	40	2	45	88	131	2	45	94	91						3	1	1
	3	40	1	31	66	96	1	31	73	73				3		18	1	1
	1	42		2	58	92		2	64	54								
	2	42	1	33	82	126	1	33	87	85								
	3	42	1	26	64	92	1	26	67	66						2		
	1	44		1	33	81		1	38	29								
	2	44	1	26	79	117	1	26	83	82								
	3	44		22	58	87		22	66	65								
1995	1	40		7	60	95		7	67	66								
	2	40	1	39	77	114	1	39	90	90								
	3	40		27	51	85		27	66	66				1		8		
	1	42		1	51	84		1	58	56								
	2	42		27	72	109		27	84	84								
	3	42		21	51	82		21	63	63								
	1	44			31	72			39	26								
	2	44		16	68	102		16	80	79								
	3	44		15	49	81		15	60	60								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(10a)

City	Alice Springs	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40		16	81	115		16	84	82								
	2	40		40	97	134		40	107	106						1		
	3	40		28	71	98		28	80	79				1		20		
	1	42		3	63	101		3	66	57								
	2	42		32	92	133		32	98	98								
	3	42		23	66	95		23	77	77						1		
	1	44			32	92			39	35								
	2	44		23	88	128		23	93	92								
	3	44		22	61	94		22	73	73								
1997	1	40		6	63	107		6	79	78								
	2	40		29	87	124		29	106	105								
	3	40		23	58	99		23	79	79						6		
	1	42		1	43	88		1	54	51								
	2	42		19	79	121		19	100	99								
	3	42		16	54	91		16	76	75								
	1	44			20	77			24	20								
	2	44		10	72	116		10	88	88								
	3	44		9	50	86		9	73	71								
1998	1	40		13	85	127		13	97	97								
	2	40	5	51	113	150	5	51	125	125						6	1	1
	3	40		34	77	113		34	95	95		1		3		12	1	1
	1	42		7	72	118		7	82	78								
	2	42	3	37	106	145	3	37	122	122								
	3	42		26	70	112		26	92	91						2		
	1	44		2	39	106		2	48	41								
	2	44	1	24	98	135	1	24	111	111								
	3	44		22	63	109		22	86	86								
1999	1	40		3	78	119		3	89	89								
	2	40	1	40	101	134	1	40	114	113						1	1	1
	3	40		24	68	111		24	96	96						6	1	1
	1	42		1	60	111		1	75	72								
	2	42	1	23	90	131	1	23	106	106								
	3	42		18	60	107		18	87	87								
	1	44		1	23	90		1	43	40								
	2	44		9	85	128		9	101	99								
	3	44		9	55	105		9	77	77								
2000	1	40		3	39	78		3	58	58								
	2	40		17	57	122		17	94	94								
	3	40		12	40	73		12	70	70						3		
	1	42			30	65			41	39								
	2	42		12	52	110		12	79	79								
	3	42		9	37	72		9	60	59								
	1	44			13	51			18	18								
	2	44		7	47	99		7	73	73								
	3	44		7	32	71		7	50	50								
2001	1	40		4	40	78		4	63	63								
	2	40	1	21	66	93	1	21	82	82						2		
	3	40	1	13	38	75	1	13	68	68		1		1		3	1	1
	1	42		2	32	69		2	44	44								
	2	42	1	12	53	92	1	12	76	76								
	3	42		6	36	73		6	61	61						1		
	1	44		1	12	53		1	22	22								
	2	44		7	49	87		7	69	69								
	3	44		5	33	67		5	57	57								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			5	45			4	44								
	2	40			23	78			30	78								
	3	40			19	50			26	50								
	1	42			2	20			1	19								
	2	42			17	74			21	74								
	3	42			11	47			16	47								
	1	44				7				7								
	2	44			13	64			14	64								
	3	44			10	46			12	46								
1991	1	40			3	22			3	22								
	2	40			10	60			15	60								
	3	40			4	26			10	26								
	1	42				6				6								
	2	42			6	57			9	56								
	3	42			3	24			8	24								
	1	44				3				3								
	2	44			3	42			3	42								
	3	44			2	23			3	23								
1992	1	40			1	27			1	27								
	2	40			16	57			22	57								
	3	40			5	30			13	30								
	1	42				13				13								
	2	42			12	49			14	49								
	3	42			5	27			8	27								
	1	44				5				5								
	2	44			9	38			10	38								
	3	44			3	25			5	25								
1993	1	40				25				25								
	2	40			15	66			30	66								
	3	40			5	39			17	39								
	1	42				7				7								
	2	42			6	61			10	61								
	3	42			3	34			8	34								
	1	44																
	2	44			1	47			2	47								
	3	44			1	31			1	31								
1994	1	40			2	33			3	33								
	2	40			22	74			29	74								
	3	40			15	45			20	45								
	1	42			1	20			1	20								
	2	42			14	66			22	66								
	3	42			11	40			16	40								
	1	44				6				6								
	2	44			10	54			11	54								
	3	44			8	38			12	38								
1995	1	40			1	34			1	34								
	2	40			15	57			26	57								
	3	40			9	39			18	39								
	1	42				12				12								
	2	42			9	56			16	56								
	3	42			7	37			13	37								
	1	44				2				2								
	2	44			6	47			8	47								
	3	44			3	35			8	36								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			2	33			2	33								
	2	40			21	79			34	79								
	3	40			19	44			22	44								
	1	42				20				20								
	2	42			18	73			24	73								
	3	42			16	43			20	43								
	1	44				8				8								
	2	44			11	58			12	59								
	3	44			10	38			11	38								
1997	1	40				20				20								
	2	40			11	56			17	56								
	3	40			4	32			17	32								
	1	42				7				7								
	2	42			7	51			10	51								
	3	42			3	30			12	30								
	1	44				1				1								
	2	44			4	37			3	36								
	3	44			3	28			5	28								
1998	1	40			6	40			6	40								
	2	40			21	83			40	83								
	3	40			12	47			31	47								
	1	42			2	16			2	16								
	2	42			16	78			26	78								
	3	42			7	42			25	42								
	1	44				8				8								
	2	44			11	64			13	64								
	3	44			4	39			14	39								
1999	1	40			1	27			2	27								
	2	40			7	76			31	77								
	3	40			5	44			22	44								
	1	42			1	4			1	4								
	2	42			4	65			19	67								
	3	42			4	39			18	39								
	1	44				1				1								
	2	44			1	51			6	51								
	3	44				38			11	38								
2000	1	40				14				14								
	2	40			6	36			13	37								
	3	40			2	22			13	21								
	1	42				5				5								
	2	42			5	33			6	33								
	3	42			2	19			10	18								
	1	44				1				1								
	2	44			2	24			5	24								
	3	44			1	15			7	15								
2001	1	40			2	12			2	12								
	2	40			6	36			17	36								
	3	40			3	26			13	26								
	1	42			1	5			1	5								
	2	42			4	35			12	35								
	3	42			3	22			11	22								
	1	44				2				2								
	2	44			4	29			5	29								
	3	44			3	18			6	19								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			8	74			7	1								
	2	40			39	96			42	29								
	3	40			28	67			32	25								
	1	42			4	53			3									
	2	42			23	90			24	19								
	3	42			23	63			24	15								
	1	44				22												
	2	44			17	80			18	7								
	3	44			15	60			16	11								
1991	1	40			3	56			3									
	2	40			21	77			23	13								
	3	40			10	45			13	10								
	1	42			1	29			1									
	2	42			11	71			12	7								
	3	42			7	41			10	7								
	1	44				9												
	2	44			5	65			5	1								
	3	44			3	36			4	2								
1992	1	40			5	49			5									
	2	40			25	78			26	20								
	3	40			12	37			14	11								
	1	42				29												
	2	42			18	73			19	10								
	3	42			6	34			9	6								
	1	44				16												
	2	44			12	64			12	2								
	3	44			5	33			6	3								
1993	1	40				61												
	2	40			23	81			37	24								
	3	40			10	47			20	15								
	1	42				36												
	2	42			15	79			15	4								
	3	42			6	45			9	5								
	1	44				15												
	2	44			6	75			7	1								
	3	44			3	42			3									
1994	1	40			6	66			7	1								
	2	40			32	79			35	22								
	3	40			22	58			25	18								
	1	42			1	44			1									
	2	42			24	77			29	18								
	3	42			21	54			23	13								
	1	44				22												
	2	44			14	74			15	5								
	3	44			13	51			16	10								
1995	1	40			2	56			2									
	2	40			22	70			30	21								
	3	40			16	48			24	16								
	1	42				38												
	2	42			16	65			22	10								
	3	42			13	46			20	9								
	1	44				15												
	2	44			9	60			11	3								
	3	44			9	44			14	7								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			8	73			8									
	2	40			31	89			38	31								
	3	40			22	58			24	17								
	1	42				36												
	2	42			22	88			26	13								
	3	42			20	54			22	15								
	1	44				21												
	2	44			18	81			19	4								
	3	44			19	52			19	5								
1997	1	40			1	51			1									
	2	40			19	73			22	15								
	3	40			11	47			19	17								
	1	42				28												
	2	42			11	67			12	7								
	3	42			7	39			14	12								
	1	44				10												
	2	44			7	61			6									
	3	44			3	36			5	5								
1998	1	40			9	78			9	1								
	2	40			35	102			45	37								
	3	40			23	62			33	31								
	1	42			5	47			5									
	2	42			21	94			29	23								
	3	42			17	58			27	25								
	1	44				21												
	2	44			16	86			17	9								
	3	44			10	56			15	14								
1999	1	40			1	65			2	2								
	2	40			23	86			36	31								
	3	40			11	55			22	22								
	1	42			1	34			1									
	2	42			7	82			19	18								
	3	42			8	48			18	17								
	1	44				7												
	2	44			4	78			9	6								
	3	44			5	46			13	11								
2000	1	40			1	33			1									
	2	40			12	49			15	13								
	3	40			7	31			13	13								
	1	42				17												
	2	42			6	46			7	5								
	3	42			4	30			10	10								
	1	44				6												
	2	44			5	39			6	4								
	3	44			2	29			7	7								
2001	1	40			3	35			3									
	2	40			12	50			18	17								
	3	40			5	33			14	13								
	1	42			1	19			1									
	2	42			6	44			12	11								
	3	42			5	30			12	10								
	1	44				6												
	2	44			4	40			5	3								
	3	44			3	28			6	5								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			23	78			26	78								
	2	40		2	66	102		2	79	103								
	3	40			44	69			53	69								
	1	42			9	62			10	62								
	2	42			57	95			73	96								
	3	42			38	67			51	68								
	1	44			4	27			3	26								
	2	44			41	88			57	88								
	3	44			34	64			42	64								
1991	1	40			8	59			13	59								
	2	40			47	80			61	80								
	3	40			22	47			36	51								
	1	42			3	38			3	38								
	2	42			33	75			53	76								
	3	42			17	46			29	47								
	1	44			1	13			1	13								
	2	44			21	71			35	71								
	3	44			14	41			24	42								
1992	1	40			14	56			19	56								
	2	40			39	81			59	81								
	3	40			25	44			29	44								
	1	42			7	34			8	34								
	2	42			30	78			48	78								
	3	42			24	37			28	37								
	1	44				18				18								
	2	44			26	73			37	73								
	3	44			19	36			23	36								
1993	1	40			12	65			19	65								
	2	40			52	83			74	85								
	3	40			28	53			43	53								
	1	42			1	40			1	40								
	2	42			39	80			66	81								
	3	42			21	47			36	47								
	1	44				17				17								
	2	44			23	78			48	78								
	3	44			16	46			30	46								
1994	1	40			21	73			28	73								
	2	40		1	55	82		1	70	82								
	3	40		1	36	62		1	48	62								
	1	42			7	50			8	50								
	2	42		1	45	79		1	59	79								
	3	42			31	58			43	59								
	1	44			1	28			1	28								
	2	44			33	77			46	77								
	3	44			30	54			39	55								
1995	1	40			13	57			23	57								
	2	40			48	73			60	74								
	3	40			32	49			41	50								
	1	42			4	42			5	42								
	2	42			40	69			55	69								
	3	42			30	48			39	49								
	1	44				18				18								
	2	44			26	61			44	62								
	3	44			24	47			35	47								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			20	77			29	77								
	2	40			63	92			72	92								
	3	40			36	62			46	62								
	1	42			10	53			10	53								
	2	42			42	89			57	89								
	3	42			30	59			43	59								
	1	44				24				24								
	2	44			32	86			45	86								
	3	44			25	55			36	55								
1997	1	40			11	55			15	55								
	2	40			39	79			61	80								
	3	40			27	52			40	54								
	1	42			2	35			1	34								
	2	42			30	73			49	73								
	3	42			26	48			33	49								
	1	44				12				12								
	2	44			19	67			34	67								
	3	44			18	39			29	41								
1998	1	40			17	82			34	82								
	2	40		3	67	106		3	83	106								
	3	40			37	68			56	73								
	1	42			9	54			11	54								
	2	42		2	51	100		2	77	100								
	3	42			36	62			48	65								
	1	44			5	30			5	30								
	2	44			37	92			61	92								
	3	44			30	59			42	60								
1999	1	40			7	73			27	74								
	2	40		1	59	90		1	83	93								
	3	40			33	57			53	62								
	1	42			1	46			3	46								
	2	42			42	86			71	87								
	3	42			27	55			49	58								
	1	44			1	13			1	13								
	2	44			23	81			55	81								
	3	44			22	52			45	54								
2000	1	40			6	36			13	37								
	2	40			26	53			44	57								
	3	40			16	34			27	34								
	1	42			1	18			2	18								
	2	42			18	49			38	51								
	3	42			14	31			25	33								
	1	44				9				9								
	2	44			13	44			30	47								
	3	44			10	30			17	30								
2001	1	40			6	36			13	36								
	2	40		1	32	53		1	49	58								
	3	40			17	35			35	39								
	1	42			3	26			4	26								
	2	42		1	22	50		1	44	53								
	3	42			16	33			30	34								
	1	44			1	9			1	9								
	2	44			12	43			33	46								
	3	44			11	31			26	33								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			29	95			30	24								
	2	40		7	75	113		7	82	79								
	3	40		3	48	77		3	55	52								
	1	42			16	80			17	6								
	2	42		5	68	110		5	75	70								
	3	42		1	46	76		1	53	51								
	1	44			6	66			5									
	2	44		3	57	107		3	65	49								
	3	44			40	73			43	40								
1991	1	40			15	75			18	12								
	2	40		3	58	95		3	64	59								
	3	40		1	24	65		1	36	36								
	1	42			4	63			4	1								
	2	42		3	47	89		3	57	50								
	3	42			23	63			30	29								
	1	44			3	45			3									
	2	44		1	33	82		1	40	35								
	3	44			21	56			25	21								
1992	1	40			19	78			22	15								
	2	40		5	55	97		5	63	58								
	3	40		1	27	55		1	30	29								
	1	42			12	62			12	2								
	2	42		1	39	93		1	50	48								
	3	42			25	51			28	25								
	1	44			1	39			1									
	2	44			30	83			37	35								
	3	44			24	49			26	22								
1993	1	40			19	80			25	13								
	2	40			64	92			77	74								
	3	40			35	69			44	43								
	1	42			2	71			2									
	2	42			53	89			67	65								
	3	42			32	61			37	36								
	1	44				52												
	2	44			39	86			50	47								
	3	44			27	56			33	30								
1994	1	40		1	28	79		1	33	20								
	2	40		6	70	96		6	74	69								
	3	40		3	41	73		3	50	48								
	1	42			13	74			13	4								
	2	42		2	55	92		2	63	54								
	3	42		1	38	72		1	46	43								
	1	44			2	55			2									
	2	44		1	45	85		1	53	44								
	3	44		1	35	69		1	42	39								
1995	1	40			19	69			27	19								
	2	40		3	57	88		3	63	60								
	3	40		2	38	59		2	42	41								
	1	42			7	60			8	1								
	2	42		1	50	84		1	56	55								
	3	42		1	35	55		1	40	39								
	1	44			1	48			1									
	2	44			40	76			49	40								
	3	44			31	52			36	34								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			25	89			31	24								
	2	40		8	75	109		8	76	71								
	3	40		5	43	82		5	48	46								
	1	42			16	81			16	2								
	2	42		2	63	101		2	65	56								
	3	42		3	38	78		3	45	43								
	1	44			3	63			3									
	2	44			42	95			49	44								
	3	44		1	34	74		1	39	35								
1997	1	40			14	73			17	12								
	2	40		1	54	99		1	63	61								
	3	40		1	31	63		1	40	40								
	1	42			7	58			6									
	2	42			39	88			50	49								
	3	42		1	28	61		1	34	33								
	1	44			1	37			1									
	2	44			30	85			37	33								
	3	44			27	58			31	29								
1998	1	40		2	31	100		2	39	31								
	2	40		9	78	123		9	83	83								
	3	40		3	44	90		3	57	56								
	1	42			13	85			14	8								
	2	42		7	72	117		7	82	76								
	3	42		2	39	87		2	49	48								
	1	44			7	67			7									
	2	44		5	51	112		5	64	59								
	3	44		2	37	81		2	43	42								
1999	1	40			16	86			32	26								
	2	40		1	70	112		1	83	83								
	3	40			41	81			53	53								
	1	42			3	78			5	3								
	2	42		1	60	111		1	74	70								
	3	42			38	75			50	49								
	1	44			1	59			1	1								
	2	44		1	42	98		1	61	54								
	3	44			28	70			45	45								
2000	1	40			10	49			14	12								
	2	40		1	36	73		1	46	44								
	3	40			19	48			27	27								
	1	42			3	39			4	2								
	2	42			27	65			39	38								
	3	42			16	45			25	25								
	1	44				25												
	2	44			18	56			30	30								
	3	44			15	42			18	17								
2001	1	40		1	10	50		1	15	12								
	2	40		3	35	72		3	49	49								
	3	40		1	22	49		1	35	35								
	1	42			4	39			5	3								
	2	42		2	32	69		2	44	44								
	3	42		1	20	42		1	30	30								
	1	44			2	32			2									
	2	44		1	22	64		1	35	33								
	3	44		1	16	40		1	26	26								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			6	47			5	46								
	2	40			23	79			33	79								
	3	40			21	53			28	53								
	1	42			2	22			1	21								
	2	42			18	75			23	75								
	3	42			13	49			21	49								
	1	44				7				7								
	2	44			13	66			15	66								
	3	44			10	46			13	46								
1991	1	40			3	27			3	27								
	2	40			11	62			17	62								
	3	40			5	30			12	30								
	1	42				7				7								
	2	42			6	57			11	56								
	3	42			3	24			9	24								
	1	44				3				3								
	2	44			4	46			5	45								
	3	44			2	23			4	23								
1992	1	40			1	28			1	28								
	2	40			18	62			24	62								
	3	40			5	31			14	31								
	1	42				14				14								
	2	42			13	54			18	54								
	3	42			5	28			10	28								
	1	44				6				6								
	2	44			11	39			12	39								
	3	44			4	26			5	26								
1993	1	40				28				28								
	2	40			15	70			32	70								
	3	40			6	40			17	40								
	1	42				12				12								
	2	42			6	64			11	64								
	3	42			3	38			10	38								
	1	44																
	2	44			1	52			3	52								
	3	44			2	34			3	34								
1994	1	40			3	36			4	36								
	2	40			26	74			33	74								
	3	40			19	46			23	46								
	1	42			1	20			1	20								
	2	42			18	69			24	69								
	3	42			12	44			18	44								
	1	44				6				6								
	2	44			13	55			15	55								
	3	44			9	40			13	40								
1995	1	40			1	36			1	36								
	2	40			16	57			29	57								
	3	40			10	41			21	41								
	1	42				12				12								
	2	42			11	57			21	57								
	3	42			8	39			16	39								
	1	44				3				3								
	2	44			6	48			9	48								
	3	44			5	36			11	36								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			4	35			4	35								
	2	40			22	79			34	79								
	3	40			20	46			22	46								
	1	42				20				20								
	2	42			20	75			25	75								
	3	42			19	44			22	44								
	1	44				8				8								
	2	44			13	63			14	64								
	3	44			11	39			13	39								
1997	1	40			2	24			1	23								
	2	40			11	57			20	58								
	3	40			6	33			18	33								
	1	42				9				9								
	2	42			8	52			12	52								
	3	42			3	31			13	31								
	1	44				1				1								
	2	44			6	38			6	38								
	3	44			3	28			8	28								
1998	1	40			8	42			8	42								
	2	40			23	83			43	83								
	3	40			12	51			34	51								
	1	42			2	17			2	17								
	2	42			16	78			27	78								
	3	42			8	45			26	45								
	1	44				9				9								
	2	44			12	67			16	67								
	3	44			5	40			19	41								
1999	1	40			1	29			2	29								
	2	40			9	77			36	77								
	3	40			8	44			26	44								
	1	42			1	4			1	4								
	2	42			4	69			23	70								
	3	42			4	41			20	41								
	1	44				1				1								
	2	44			2	59			9	59								
	3	44			1	39			11	39								
2000	1	40				17			1	17								
	2	40			6	39			15	40								
	3	40			4	25			13	24								
	1	42				6				6								
	2	42			5	34			8	35								
	3	42			2	20			11	19								
	1	44				1				1								
	2	44			2	25			5	25								
	3	44			2	16			7	16								
2001	1	40			2	14			2	14								
	2	40			7	37			20	37								
	3	40			5	26			17	26								
	1	42			1	6			1	6								
	2	42			5	35			13	35								
	3	42			3	24			11	24								
	1	44				3				3								
	2	44			4	32			7	33								
	3	44			3	21			7	21								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			9	75			8	1								
	2	40		1	42	100		1	47	32								
	3	40			29	69			34	27								
	1	42			4	57			3									
	2	42			25	93			27	22								
	3	42			24	65			26	19								
	1	44				22												
	2	44			18	83			19	9								
	3	44			18	61			20	13								
1991	1	40			3	56			3									
	2	40			22	78			24	14								
	3	40			10	46			15	12								
	1	42			1	32			1									
	2	42			13	72			16	9								
	3	42			8	42			11	8								
	1	44				10												
	2	44			6	67			6	3								
	3	44			3	38			5	3								
1992	1	40			7	54			7									
	2	40			26	79			28	22								
	3	40			13	43			16	12								
	1	42				30												
	2	42			18	76			21	14								
	3	42			10	36			12	8								
	1	44				18												
	2	44			13	69			13	5								
	3	44			5	33			6	3								
1993	1	40			1	64			1									
	2	40			24	83			39	27								
	3	40			12	52			21	16								
	1	42				39												
	2	42			16	80			17	7								
	3	42			9	46			13	7								
	1	44				15												
	2	44			6	77			8	2								
	3	44			5	45			6	1								
1994	1	40			7	69			8	1								
	2	40		1	33	80		1	37	24								
	3	40			24	61			26	18								
	1	42			2	45			2									
	2	42			27	78			32	18								
	3	42			22	55			25	15								
	1	44			1	26			1									
	2	44			18	75			19	9								
	3	44			15	52			17	11								
1995	1	40			4	57			4									
	2	40			31	72			39	25								
	3	40			17	49			26	20								
	1	42			1	40			1									
	2	42			16	67			26	16								
	3	42			15	48			23	12								
	1	44				16												
	2	44			11	60			14	4								
	3	44			9	45			15	8								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			10	75			10									
	2	40			32	91			39	34								
	3	40			22	61			24	20								
	1	42				42												
	2	42			23	88			26	16								
	3	42			21	56			23	15								
	1	44				22												
	2	44			20	84			21	4								
	3	44			19	54			19	8								
1997	1	40			2	52			1									
	2	40			20	75			24	20								
	3	40			15	52			19	17								
	1	42				29												
	2	42			11	70			13	8								
	3	42			9	42			15	13								
	1	44				10												
	2	44			8	63			8	2								
	3	44			3	37			8	8								
1998	1	40			9	78			9	1								
	2	40		2	39	105		2	48	40								
	3	40			25	66			36	34								
	1	42			5	51			5									
	2	42			26	98			32	24								
	3	42			20	60			28	26								
	1	44			1	23			1									
	2	44			16	88			18	13								
	3	44			11	58			20	19								
1999	1	40			1	69			2	2								
	2	40		1	23	88		1	40	36								
	3	40			11	57			26	26								
	1	42			1	42			1									
	2	42			11	84			26	22								
	3	42			9	53			20	20								
	1	44				9												
	2	44			4	78			11	8								
	3	44			5	48			13	11								
2000	1	40			1	34			2	1								
	2	40			12	51			17	15								
	3	40			7	33			13	13								
	1	42				17												
	2	42			7	46			9	7								
	3	42			5	31			12	11								
	1	44				6												
	2	44			5	41			6	4								
	3	44			2	30			7	7								
2001	1	40			3	35			3	1								
	2	40		1	12	52		1	21	20								
	3	40			6	35			17	17								
	1	42			1	22			1									
	2	42			7	49			13	12								
	3	42			5	32			12	11								
	1	44				7												
	2	44			5	41			7	6								
	3	44			3	30			8	6								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			18	75			21	75								
	2	40		1	62	98		1	76	99								
	3	40			38	67			51	68								
	1	42			7	53			7	53								
	2	42			47	91			65	91								
	3	42			34	64			43	64								
	1	44			3	23			2	22								
	2	44			29	82			41	82								
	3	44			29	61			37	61								
1991	1	40			6	57			9	56								
	2	40			39	78			56	79								
	3	40			20	46			30	47								
	1	42			3	29			3	29								
	2	42			28	72			41	73								
	3	42			14	41			24	42								
	1	44				9				9								
	2	44			15	66			23	66								
	3	44			12	38			19	38								
1992	1	40			13	54			15	54								
	2	40			34	79			53	79								
	3	40			24	39			28	39								
	1	42			3	29			3	29								
	2	42			28	75			41	75								
	3	42			19	36			23	36								
	1	44				16				16								
	2	44			19	66			27	66								
	3	44			14	33			20	33								
1993	1	40			6	64			10	64								
	2	40			40	82			69	83								
	3	40			23	49			37	50								
	1	42				36				36								
	2	42			28	79			54	80								
	3	42			16	46			32	46								
	1	44				15				15								
	2	44			19	76			41	76								
	3	44			14	44			28	44								
1994	1	40			17	68			24	68								
	2	40		1	50	80		1	62	80								
	3	40			34	58			45	59								
	1	42			4	44			5	44								
	2	42			36	77			48	77								
	3	42			30	54			40	55								
	1	44			1	22			1	22								
	2	44			28	74			38	74								
	3	44			24	51			39	53								
1995	1	40			10	57			16	57								
	2	40			42	72			58	72								
	3	40			30	49			39	50								
	1	42			1	38			2	38								
	2	42			36	65			51	65								
	3	42			24	47			36	47								
	1	44				15				15								
	2	44			19	60			36	61								
	3	44			19	45			32	45								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			20	75			25	75								
	2	40			53	89			65	89								
	3	40			32	60			44	60								
	1	42			6	36			6	36								
	2	42			35	88			49	88								
	3	42			25	55			38	55								
	1	44				21				21								
	2	44			25	81			38	81								
	3	44			22	52			31	52								
1997	1	40			7	52			10	52								
	2	40			36	75			54	74								
	3	40			26	50			35	52								
	1	42			2	29			1	28								
	2	42			24	68			44	68								
	3	42			18	39			29	41								
	1	44				10				10								
	2	44			14	62			24	63								
	3	44			15	36			25	37								
1998	1	40			16	78			26	78								
	2	40		2	54	103		2	80	103								
	3	40			36	63			48	66								
	1	42			8	47			8	47								
	2	42			42	96			69	96								
	3	42			30	59			43	60								
	1	44			3	21			3	21								
	2	44			31	87			48	87								
	3	44			25	58			42	59								
1999	1	40			4	69			19	70								
	2	40			46	86			77	89								
	3	40			27	55			49	58								
	1	42			1	34			2	34								
	2	42			29	83			64	84								
	3	42			22	52			46	54								
	1	44			1	7			1	7								
	2	44			16	78			45	78								
	3	44			13	48			36	48								
2000	1	40			5	34			7	35								
	2	40			19	51			41	53								
	3	40			15	32			26	33								
	1	42			1	17			2	17								
	2	42			18	46			35	48								
	3	42			10	30			18	30								
	1	44				6				6								
	2	44			11	40			20	41								
	3	44			9	29			16	29								
2001	1	40			4	35			12	35								
	2	40		1	26	51		1	47	56								
	3	40			16	33			31	35								
	1	42			2	19			2	19								
	2	42			14	46			40	48								
	3	42			11	31			28	33								
	1	44			1	6			1	6								
	2	44			10	40			26	41								
	3	44			6	30			21	31								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			23	91			24	19								
	2	40		5	72	113		5	76	74								
	3	40		1	46	77		1	53	51								
	1	42			13	78			12	2								
	2	42		3	63	108		3	71	58								
	3	42			42	73			45	41								
	1	44			4	62			3									
	2	44		2	47	102		2	53	38								
	3	44			36	73			41	37								
1991	1	40			11	72			12	7								
	2	40		3	55	91		3	60	56								
	3	40			23	63			31	30								
	1	42			3	59			3									
	2	42		1	41	83		1	50	39								
	3	42			21	56			25	23								
	1	44			1	38			1									
	2	44			28	79			31	23								
	3	44			16	52			20	16								
1992	1	40			18	75			19	10								
	2	40		2	47	93		2	56	52								
	3	40			25	51			28	27								
	1	42			11	56			11									
	2	42		1	36	88		1	44	40								
	3	42			25	49			26	22								
	1	44			1	34			1									
	2	44			28	81			32	25								
	3	44			23	45			25	20								
1993	1	40			15	79			15	4								
	2	40			60	90			73	69								
	3	40			32	65			38	37								
	1	42			1	65			1									
	2	42			41	87			56	53								
	3	42			27	57			34	32								
	1	44				40												
	2	44			28	83			45	38								
	3	44			19	56			30	27								
1994	1	40			24	77			29	18								
	2	40		4	64	95		4	68	59								
	3	40		2	38	72		2	46	44								
	1	42			13	73			13	1								
	2	42		2	53	89		2	58	47								
	3	42		1	36	70		1	42	40								
	1	44			2	50			2									
	2	44		1	36	82		1	40	33								
	3	44		1	31	66		1	39	36								
1995	1	40			16	65			22	10								
	2	40		1	52	85		1	60	58								
	3	40		1	35	56		1	40	39								
	1	42			6	57			7	1								
	2	42		1	44	78		1	51	48								
	3	42			32	52			37	35								
	1	44			1	42			1									
	2	44			36	74			45	35								
	3	44			29	51			35	31								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			22	88			26	13								
	2	40		5	68	104		5	71	64								
	3	40		3	38	79		3	45	44								
	1	42			13	77			13	1								
	2	42			56	99			61	49								
	3	42		1	36	74		1	42	37								
	1	44				53												
	2	44			35	92			42	38								
	3	44			29	69			35	31								
1997	1	40			11	68			12	7								
	2	40		1	49	93		1	58	54								
	3	40		1	28	61		1	35	35								
	1	42			5	55			4									
	2	42			36	86			45	43								
	3	42			27	59			31	29								
	1	44				34												
	2	44			24	81			30	23								
	3	44			24	57			27	25								
1998	1	40			21	96			29	23								
	2	40		8	77	119		8	83	80								
	3	40		2	39	89		2	49	48								
	1	42			11	82			11	3								
	2	42		6	55	115		6	71	68								
	3	42		2	37	82		2	44	43								
	1	44			6	54			6									
	2	44		3	42	107		3	51	45								
	3	44			34	77			42	42								
1999	1	40			7	83			19	18								
	2	40		1	63	111		1	79	77								
	3	40			38	77			50	49								
	1	42			1	73			2	2								
	2	42		1	47	104		1	67	64								
	3	42			30	70			46	46								
	1	44			1	46			1									
	2	44		1	29	91		1	47	45								
	3	44			26	67			38	36								
2000	1	40			6	46			8	6								
	2	40		1	31	67		1	43	41								
	3	40			16	46			26	26								
	1	42			2	36			3	2								
	2	42			21	59			35	35								
	3	42			15	42			19	18								
	1	44				18												
	2	44			18	53			21	20								
	3	44			12	39			16	16								
2001	1	40			6	46			12	11								
	2	40		2	33	69		2	47	47								
	3	40		1	20	43		1	31	31								
	1	42			4	36			4	1								
	2	42		1	28	66		1	41	40								
	3	42		1	17	40		1	28	28								
	1	44			1	26			1									
	2	44		1	14	54		1	26	26								
	3	44			14	38			22	21								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(15)

City	Alice Springs	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			22	76			26	76								
	2	40		1	64	100		1	79	101								
	3	40			42	69			52	69								
	1	42			8	58			8	58								
	2	42			53	94			71	95								
	3	42			36	65			48	66								
	1	44			3	25			2	24								
	2	44			35	85			49	85								
	3	44			31	62			38	62								
1991	1	40			7	58			11	58								
	2	40			44	79			58	79								
	3	40			21	46			32	48								
	1	42			3	33			3	33								
	2	42			30	74			47	75								
	3	42			16	44			26	45								
	1	44			1	12			1	12								
	2	44			20	69			30	69								
	3	44			14	40			23	40								
1992	1	40			14	55			19	55								
	2	40			38	81			59	81								
	3	40			25	43			28	43								
	1	42			5	33			6	33								
	2	42			29	76			44	76								
	3	42			23	36			28	36								
	1	44				18				18								
	2	44			22	70			34	70								
	3	44			17	34			22	34								
1993	1	40			11	64			13	64								
	2	40			47	83			70	84								
	3	40			27	53			40	53								
	1	42				39				39								
	2	42			36	80			59	81								
	3	42			19	47			35	47								
	1	44				16				16								
	2	44			21	77			47	77								
	3	44			14	45			28	45								
1994	1	40			20	70			27	70								
	2	40		1	54	81		1	67	81								
	3	40		1	35	61		1	47	61								
	1	42			6	46			7	46								
	2	42		1	44	79		1	57	79								
	3	42			31	57			42	58								
	1	44			1	27			1	27								
	2	44			30	76			42	76								
	3	44			29	54			39	55								
1995	1	40			12	57			22	57								
	2	40			47	72			59	72								
	3	40			32	49			40	50								
	1	42			2	40			3	40								
	2	42			38	68			52	68								
	3	42			29	48			38	49								
	1	44				16				16								
	2	44			21	60			41	61								
	3	44			22	46			33	46								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(15)

City	Alice Springs	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40			20	75			27	75								
	2	40			58	92			70	92								
	3	40			36	62			46	62								
	1	42			8	48			8	48								
	2	42			36	88			53	88								
	3	42			29	57			41	57								
	1	44				23				23								
	2	44			29	86			43	86								
	3	44			24	54			34	54								
1997	1	40			8	53			12	53								
	2	40			38	78			59	77								
	3	40			27	52			37	54								
	1	42			2	32			1	31								
	2	42			29	70			47	70								
	3	42			24	44			30	46								
	1	44				10				10								
	2	44			17	64			29	65								
	3	44			16	39			28	41								
1998	1	40			17	79			30	79								
	2	40		2	64	106		2	83	106								
	3	40			37	66			52	71								
	1	42			9	51			10	51								
	2	42		1	47	98		1	72	98								
	3	42			34	60			45	62								
	1	44			5	26			5	26								
	2	44			33	89			55	89								
	3	44			28	58			42	59								
1999	1	40			4	70			26	71								
	2	40		1	51	90		1	82	93								
	3	40			29	57			52	61								
	1	42			1	44			2	44								
	2	42			34	85			67	86								
	3	42			26	54			48	57								
	1	44			1	11			1	11								
	2	44			22	78			53	78								
	3	44			19	48			42	50								
2000	1	40			5	35			11	36								
	2	40			25	51			44	55								
	3	40			16	33			27	34								
	1	42			1	17			2	17								
	2	42			18	47			37	49								
	3	42			12	31			23	32								
	1	44				7				7								
	2	44			12	42			26	44								
	3	44			9	30			17	30								
2001	1	40			5	35			13	35								
	2	40		1	29	53		1	47	58								
	3	40			16	35			34	39								
	1	42			3	24			3	24								
	2	42			19	49			44	52								
	3	42			14	33			28	34								
	1	44			1	7			1	7								
	2	44			11	41			33	45								
	3	44			8	30			24	32								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(15a)

City	Alice Springs	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			26	94			28	24								
	2	40		7	75	113		7	82	79								
	3	40		3	46	77		3	54	52								
	1	42			14	78			14	5								
	2	42		4	65	109		4	74	68								
	3	42			46	75			51	48								
	1	44			5	64			4									
	2	44		2	53	107		2	60	44								
	3	44			38	73			41	38								
1991	1	40			14	74			17	9								
	2	40		3	58	94		3	62	57								
	3	40			24	65			33	32								
	1	42			3	61			3	1								
	2	42		2	46	87		2	53	45								
	3	42			22	61			26	26								
	1	44			3	42			3									
	2	44		1	30	79		1	37	30								
	3	44			20	55			23	20								
1992	1	40			18	76			21	15								
	2	40		5	54	94		5	62	58								
	3	40		1	27	54		1	29	27								
	1	42			11	61			12	2								
	2	42		1	39	90		1	48	44								
	3	42			25	50			28	25								
	1	44			1	38			1									
	2	44			29	83			36	31								
	3	44			24	48			25	21								
1993	1	40			16	80			17	8								
	2	40			64	91			75	70								
	3	40			34	68			41	40								
	1	42			1	67			1									
	2	42			49	88			60	58								
	3	42			31	59			36	35								
	1	44				47												
	2	44			36	86			50	44								
	3	44			23	56			31	27								
1994	1	40		1	27	79		1	33	20								
	2	40		6	68	95		6	73	65								
	3	40		3	40	72		3	49	47								
	1	42			13	74			13	2								
	2	42		2	54	92		2	63	53								
	3	42		1	37	71		1	44	42								
	1	44			2	54			2									
	2	44		1	44	84		1	51	39								
	3	44		1	34	68		1	41	37								
1995	1	40			17	68			27	16								
	2	40		2	57	86		2	62	58								
	3	40		2	37	58		2	41	40								
	1	42			6	57			7	1								
	2	42		1	48	81		1	53	51								
	3	42		1	34	52		1	38	38								
	1	44			1	47			1									
	2	44			38	76			48	39								
	3	44			30	52			35	32								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(15a)

City	Alice Springs	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40			24	88			29	21								
	2	40		8	75	106		8	76	69								
	3	40		3	41	82		3	47	46								
	1	42			15	79			15	2								
	2	42		1	62	101		1	65	53								
	3	42		3	37	75		3	43	41								
	1	44			2	58			2									
	2	44			36	94			45	42								
	3	44			32	72			38	34								
1997	1	40			11	70			13	8								
	2	40		1	53	98		1	62	59								
	3	40		1	28	62		1	37	37								
	1	42			7	57			6									
	2	42			38	86			49	46								
	3	42		1	28	60		1	32	30								
	1	44				36												
	2	44			29	84			37	27								
	3	44			26	57			29	28								
1998	1	40		1	27	98		1	34	27								
	2	40		8	78	120		8	83	83								
	3	40		3	41	89		3	52	52								
	1	42			13	83			13	7								
	2	42		6	65	117		6	76	71								
	3	42		2	39	85		2	47	45								
	1	44			6	64			6									
	2	44		5	47	110		5	60	52								
	3	44		1	36	78		1	42	42								
1999	1	40			13	85			30	25								
	2	40		1	69	111		1	83	82								
	3	40			39	79			52	52								
	1	42			3	77			4	2								
	2	42		1	58	109		1	71	67								
	3	42			37	73			49	48								
	1	44			1	51			1									
	2	44		1	34	96		1	56	52								
	3	44			27	70			44	42								
2000	1	40			8	47			11	10								
	2	40		1	35	70		1	45	44								
	3	40			18	47			27	27								
	1	42			3	38			4	2								
	2	42			26	63			37	37								
	3	42			16	43			23	23								
	1	44				24												
	2	44			18	54			26	26								
	3	44			14	42			18	17								
2001	1	40			7	49			13	12								
	2	40		2	35	71		2	47	47								
	3	40		1	22	47		1	34	34								
	1	42			4	37			4	2								
	2	42		2	31	68		2	44	44								
	3	42		1	18	42		1	28	28								
	1	44			2	29			2									
	2	44		1	19	58		1	34	33								
	3	44		1	16	39		1	24	24								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(16)

City	Alice Springs	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		13	91	115		13	104	116								
	2	40	6	52	115	132	5	52	118	133						1	19	30
	3	40	1	32	76	96	1	32	91	101				2		12	17	51
	1	42		4	78	109		4	94	109								
	2	42	4	34	110	132	3	33	115	132							7	9
	3	42		29	73	92		29	88	97						2	11	29
	1	44		1	62	98		1	76	99								
	2	44	3	23	103	124	2	22	112	125							2	2
	3	44		24	73	90		24	84	93							7	12
1991	1	40		3	73	107		3	89	108								
	2	40	5	30	92	137	3	28	123	142							8	14
	3	40	1	15	65	88		14	83	93						2	12	34
	1	42		2	60	88		2	76	89								
	2	42	1	16	84	131	1	16	112	137							2	2
	3	42	1	11	58	84		10	83	90							2	11
	1	44			39	78			56	79								
	2	44		8	80	121		8	101	124								
	3	44	1	8	55	79		7	79	86								2
1992	1	40		11	76	108		11	92	109								
	2	40	2	28	93	127	2	28	117	128							10	17
	3	40		18	51	88		18	79	92						2	6	28
	1	42		1	56	90		1	74	90								
	2	42	1	22	88	119	1	22	112	121							2	4
	3	42		12	49	80		12	72	83							2	12
	1	44			34	79			53	79								
	2	44		15	81	115		15	103	116								
	3	44		7	46	75		7	66	78							2	3
1993	1	40		1	79	99		1	94	104							1	1
	2	40		32	90	116	1	33	117	124	1	1	1	1	1	1	6	14
	3	40		16	63	89	1	17	92	96			1	1	1	1	8	41
	1	42			65	88			84	90								
	2	42		21	87	108	1	22	111	116			1	1	1	1	2	2
	3	42		11	57	87	1	12	88	93					1	1	1	11
	1	44			40	82			69	83								
	2	44		14	83	106	1	15	101	110					1	1	1	1
	3	44		7	56	85		7	85	90					1	1	1	1
1994	1	40		13	77	103		13	84	104								
	2	40	4	40	95	129	4	40	112	129							17	29
	3	40	2	30	72	92	2	30	83	95						6	16	46
	1	42		2	73	92		2	79	94								
	2	42	2	30	89	125	2	30	106	125							6	7
	3	42	1	24	70	91	1	24	80	93							10	24
	1	44		1	50	80		1	62	80								
	2	44	1	21	82	116	1	21	95	116							1	1
	3	44	1	22	66	86	1	22	78	89							3	6
1995	1	40		6	65	95		6	82	96								
	2	40	1	36	85	114	1	36	108	117							10	19
	3	40	1	23	56	84	1	23	84	87						2	10	39
	1	42		1	57	81		1	68	82								
	2	42	1	21	78	104	1	21	100	106							2	2
	3	42		17	52	82		17	80	86							6	23
	1	44			42	72			58	72								
	2	44		15	74	101		15	93	105								
	3	44		14	51	80		14	73	84							1	2

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(16)

City	Alice Springs	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40		13	88	114		13	97	115								
	2	40	5	35	104	134	5	35	120	136							14	26
	3	40	3	25	80	97	3	25	94	101						12	14	46
	1	42		1	77	101		1	85	101								
	2	42		29	99	132		29	116	134							3	4
	3	42	1	22	75	94	1	22	90	98							5	22
	1	44			53	89			65	89								
	2	44		21	93	125		21	107	127							1	1
	3	44		21	71	92		21	86	97							2	12
1997	1	40		5	70	105		5	97	110								
	2	40	3	27	95	123	1	25	123	129							8	15
	3	40	1	18	64	96	1	18	96	105						3	24	44
	1	42			57	87			83	94								
	2	42		15	87	118		15	115	122								1
	3	42		13	63	89		13	92	100							9	20
	1	44			36	75			54	74								
	2	44		10	82	113		10	109	118								
	3	44		7	58	87		7	85	95							2	4
1998	1	40		12	97	126		12	120	127								
	2	40	9	44	119	148	8	43	137	150						2	23	28
	3	40	2	30	88	112	2	30	110	114				1		6	28	51
	1	42		6	82	117		6	103	119								
	2	42	6	32	115	141	6	32	130	143							9	10
	3	42	2	24	82	112	2	24	106	113						1	12	26
	1	44		2	54	103		2	80	103								
	2	44	3	20	107	134	3	20	125	134							3	3
	3	44		17	77	109		17	102	110							6	7
1999	1	40		2	84	117		2	105	118								
	2	40	1	31	111	132	1	31	124	133					1	1	16	21
	3	40		21	75	109		21	108	114					1	2	26	52
	1	42		1	73	109		1	90	109								
	2	42	1	21	104	131	1	21	122	131							4	4
	3	42		11	70	107		11	100	110							11	16
	1	44			46	86			77	89								
	2	44	1	7	91	127	1	7	114	127							2	2
	3	44		9	68	105		9	100	109							5	6
2000	1	40		2	46	77		2	77	85								
	2	40	1	17	67	118	1	17	120	127			1	1	1	1	8	13
	3	40		10	45	73		10	92	93					1	1	21	33
	1	42			36	63			60	70								
	2	42		11	59	109		11	110	122							5	5
	3	42		7	42	72		7	88	90							8	12
	1	44			19	51			41	53								
	2	44		6	53	96		6	97	109							2	2
	3	44		4	40	70		4	81	87							3	3
2001	1	40		4	48	78		4	75	80								
	2	40	2	16	69	93	2	16	96	100							11	12
	3	40	1	9	42	75	1	9	76	82				1	1	1	15	30
	1	42		2	36	68		2	64	69								
	2	42	1	11	66	90	1	11	91	95							4	4
	3	42	1	5	40	71	1	5	75	78						1	6	10
	1	44		1	26	51		1	47	56								
	2	44	1	6	54	85	1	6	82	89							1	1
	3	44		5	38	65		5	71	75							1	1

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(16a)

City	Alice Springs	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40	1	33	100	132	1	33	105	104								
	2	40	12	78	116	150	11	78	119	118		48		62		91	19	19
	3	40	6	65	77	115	6	65	91	91		64		75		101	17	17
	1	42		16	82	118		16	94	94								
	2	42	7	71	115	145	6	71	117	114		12		24		51	7	7
	3	42	3	57	77	111	3	57	88	88		36		47		76	11	11
	1	44		5	71	113		5	76	74								
	2	44	4	61	109	137	3	61	114	112				1		10	2	2
	3	44		47	75	107		47	84	84		18		29		49	7	7
1991	1	40		16	79	131		16	89	89								
	2	40	5	65	102	164	3	63	124	123		20		39		73	8	8
	3	40	2	45	68	110	1	43	84	83		42		58		91	12	12
	1	42		5	68	114		5	78	76								
	2	42	3	50	94	153	3	50	112	112		2		4		24	2	2
	3	42	1	34	67	103		33	84	83		16		23		60	2	2
	1	44		3	53	91		3	58	56								
	2	44	1	38	84	141	1	38	102	101						2		
	3	44	1	24	63	98		23	80	78		3		10		28		
1992	1	40		22	79	119		22	92	92								
	2	40	9	60	104	139	9	60	119	117		27		35		76	10	10
	3	40	2	37	59	99	2	36	79	79		35		49		93	6	6
	1	42		12	67	111		12	74	74								
	2	42	2	43	93	136	2	43	112	112		5		12		27	2	2
	3	42	1	31	54	99	1	31	72	72		22		27		53	2	2
	1	44		2	44	93		2	56	52								
	2	44	1	33	88	131	1	33	103	103						5		
	3	44		27	50	97		27	66	66		5		12		27	2	2
1993	1	40		21	83	108		21	94	94							1	1
	2	40	1	73	95	140	2	74	117	117	1	28	1	40	1	80	6	6
	3	40	1	49	73	96	2	50	93	92		47	1	67	1	95	8	8
	1	42		5	76	100		5	85	84								
	2	42		57	90	134	1	58	111	111			1	3	1	29	2	2
	3	42		41	68	95	1	42	88	88		19		38	1	68	1	1
	1	44			57	90			72	69								
	2	44		39	87	124	1	40	101	101					1	1	1	1
	3	44		33	59	94		33	85	85		3		9	1	39	1	1
1994	1	40	1	30	80	125	1	30	85	84								
	2	40	9	75	99	143	9	75	113	112		35		50		78	17	17
	3	40	3	54	76	109	3	54	84	83		57		70		98	16	16
	1	42		14	75	109		14	79	79								
	2	42	4	60	95	133	4	60	106	106		10		16		37	6	6
	3	42	3	48	72	106	3	48	80	80		31		43		72	10	10
	1	44		4	62	95		4	66	59								
	2	44	2	48	89	131	2	48	96	95						10	1	1
	3	44	1	40	71	101	1	40	79	78		16		23		44	3	3
1995	1	40		21	72	104		21	82	82								
	2	40	6	60	92	129	6	60	108	108		30		44		65	10	10
	3	40	3	48	62	96	3	48	84	84		46		56		87	10	10
	1	42		8	60	97		8	68	68								
	2	42	1	52	85	122	1	52	100	100		2		10		36	2	2
	3	42	2	41	58	95	2	41	80	80		27		37		57	6	6
	1	44		1	52	85		1	60	58								
	2	44	1	41	78	115	1	41	94	93								
	3	44	1	35	52	87	1	35	73	73		7		18		39	1	1

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(16a)

City	Alice Springs	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40		29	91	132		29	97	97								
	2	40	10	81	112	158	10	81	123	120		31		53		88	14	14
	3	40	6	58	86	117	6	58	95	94		58		75		104	14	14
	1	42		17	82	116		17	86	84								
	2	42	6	65	104	144	6	65	116	116		9		20		35	3	3
	3	42	3	46	83	109	3	46	92	90		28		43		77	5	5
	1	44		5	65	104		5	68	64								
	2	44		52	99	140		52	107	107						7	1	1
	3	44	3	38	76	105	3	38	86	86		17		22		45	2	2
1997	1	40		15	77	118		15	97	97								
	2	40	4	61	104	140	2	59	123	123		18		36		69	8	8
	3	40	1	44	67	108	1	44	96	96		40		58		99	24	24
	1	42		6	65	108		6	84	83								
	2	42	1	48	95	135	1	48	115	115		1		5		22		
	3	42	1	33	65	104	1	33	92	92		21		32		59	9	9
	1	44		1	49	93		1	58	54								
	2	44		34	87	129		34	109	108						1		
	3	44	1	28	62	101	1	28	86	85		5		11		33	2	2
1998	1	40	2	32	105	141	2	32	120	120								
	2	40	12	86	124	164	11	85	137	137		38		56		98	23	23
	3	40	3	60	92	125	3	60	110	110		61		89		118	28	28
	1	42		15	87	129		15	103	103								
	2	42	8	73	119	158	8	73	130	130		8		15		44	9	9
	3	42	3	53	89	122	3	53	106	106		33		45		89	12	12
	1	44		8	74	119		8	82	80								
	2	44	6	53	115	153	6	53	125	125				2		8	3	3
	3	44	2	40	85	119	2	40	102	102		11		23		48	6	6
1999	1	40	1	21	88	131	1	21	106	105								
	2	40	1	77	115	150	1	77	125	124		28		47	1	84	16	16
	3	40		52	87	118		52	109	108		54		77	1	110	26	26
	1	42		4	78	119		4	90	90								
	2	42	1	60	111	144	1	60	122	122		1		6		31	4	4
	3	42		44	79	114		44	101	100		24		40		78	11	11
	1	44		1	61	111		1	79	77								
	2	44	1	45	104	136	1	45	116	114						1	2	2
	3	44		37	73	113		37	100	100		4		10		44	5	5
2000	1	40		11	51	109		11	77	77								
	2	40	2	38	74	133	2	38	121	120		14	1	20	1	47	8	8
	3	40		32	50	97		32	92	92		29		45	1	83	21	21
	1	42		5	40	80		5	60	60								
	2	42	1	29	67	127	1	29	110	110		2		3		14	5	5
	3	42		24	47	90		24	88	88		12		19		48	8	8
	1	44		1	30	67		1	43	41								
	2	44		17	59	122		17	97	97						2	2	2
	3	44		17	43	79		17	81	81		3		7		21	3	3
2001	1	40	1	11	52	90	1	11	75	75								
	2	40	4	40	77	103	4	40	96	96		13		27		47	11	11
	3	40	1	33	50	83	1	33	76	76		32		46	1	74	15	15
	1	42		4	40	79		4	64	64								
	2	42	2	33	71	98	2	33	91	91		3		4		13	4	4
	3	42	1	27	47	82	1	27	75	75		13		24		46	6	6
	1	44		2	33	69		2	47	47								
	2	44	1	25	66	93	1	25	82	82						3	1	1
	3	44	1	20	42	79	1	20	71	71		3		6		25	1	1

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			6	50			6	50								
	2	40			25	79			35	79								
	3	40			22	52			30	52								
	1	42			3	23			2	22								
	2	42			20	75			25	75								
	3	42			15	49			22	49								
	1	44				8				8								
	2	44			14	68			16	68								
	3	44			10	46			13	46								
1991	1	40			3	28			3	28								
	2	40			13	63			20	63								
	3	40			5	29			12	29								
	1	42				7				7								
	2	42			7	57			11	56								
	3	42			3	24			10	24								
	1	44				3				3								
	2	44			4	47			5	46								
	3	44			2	23			5	23								
1992	1	40			2	28			2	28								
	2	40			18	62			24	62								
	3	40			6	31			15	31								
	1	42				14				14								
	2	42			13	55			18	55								
	3	42			5	28			11	28								
	1	44				7				7								
	2	44			11	39			12	39								
	3	44			5	26			6	26								
1993	1	40				32				32								
	2	40			16	71			33	71								
	3	40			6	40			18	40								
	1	42				12				12								
	2	42			7	64			12	64								
	3	42			3	38			12	38								
	1	44				1				1								
	2	44			1	53			3	53								
	3	44			2	34			4	34								
1994	1	40			4	36			5	36								
	2	40			27	74			36	74								
	3	40			20	46			24	46								
	1	42			1	21			1	21								
	2	42			20	70			27	70								
	3	42			13	44			18	44								
	1	44				7				7								
	2	44			13	55			15	55								
	3	44			11	40			15	40								
1995	1	40			1	36			1	36								
	2	40			16	59			30	59								
	3	40			11	40			22	40								
	1	42				13				13								
	2	42			12	57			22	57								
	3	42			9	39			17	39								
	1	44				4				4								
	2	44			6	50			10	50								
	3	44			5	37			11	37								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			5	35			5	35								
	2	40			23	80			35	80								
	3	40			20	46			23	46								
	1	42				20				20								
	2	42			20	75			27	75								
	3	42			19	44			22	44								
	1	44				10				10								
	2	44			13	63			16	64								
	3	44			16	40			18	40								
1997	1	40			2	25			1	24								
	2	40			11	57			20	58								
	3	40			7	33			18	33								
	1	42				10				10								
	2	42			8	53			12	53								
	3	42			3	32			13	32								
	1	44				1				1								
	2	44			6	39			6	40								
	3	44			3	28			10	28								
1998	1	40			8	42			8	42								
	2	40			26	84			44	84								
	3	40			15	50			35	50								
	1	42			3	17			3	17								
	2	42			16	78			30	78								
	3	42			10	45			27	45								
	1	44				9				9								
	2	44			13	72			16	72								
	3	44			5	41			19	41								
1999	1	40			1	30			2	30								
	2	40			11	77			40	77								
	3	40			8	44			26	44								
	1	42			1	7			1	7								
	2	42			4	70			26	71								
	3	42			5	42			20	42								
	1	44				1				1								
	2	44			2	60			9	60								
	3	44			2	39			12	39								
2000	1	40			1	17			2	17								
	2	40			7	39			18	40								
	3	40			4	25			13	24								
	1	42				6				6								
	2	42			5	35			11	36								
	3	42			2	20			11	19								
	1	44				1				1								
	2	44			2	26			5	26								
	3	44			2	16			7	16								
2001	1	40			2	16			2	16								
	2	40			7	38			21	38								
	3	40			5	26			17	26								
	1	42			1	6			1	6								
	2	42			5	35			13	35								
	3	42			3	24			11	24								
	1	44				3				3								
	2	44			4	32			7	33								
	3	44			3	21			8	21								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			10	75			9	2								
	2	40			45	100			49	34								
	3	40			29	68			34	28								
	1	42			4	58			3									
	2	42			26	93			28	24								
	3	42			26	64			28	21								
	1	44				24												
	2	44			20	83			20	9								
	3	44			19	61			20	13								
1991	1	40			3	56			3									
	2	40			23	78			25	16								
	3	40			12	46			16	12								
	1	42			1	33			1									
	2	42			14	72			17	9								
	3	42			9	41			13	9								
	1	44				12												
	2	44			7	67			7	3								
	3	44			4	38			7	4								
1992	1	40			7	55			7									
	2	40			27	79			29	22								
	3	40			14	41			17	14								
	1	42				33												
	2	42			18	76			21	15								
	3	42			10	36			12	9								
	1	44				18												
	2	44			13	70			13	6								
	3	44			5	33			6	4								
1993	1	40			1	64			1									
	2	40			25	83			40	27								
	3	40			14	52			22	17								
	1	42				39												
	2	42			16	80			17	8								
	3	42			9	46			15	9								
	1	44				16												
	2	44			7	77			9	2								
	3	44			5	44			7	2								
1994	1	40			8	70			9	1								
	2	40			33	80			38	29								
	3	40			24	58			26	20								
	1	42			2	46			2									
	2	42			27	78			33	20								
	3	42			22	55			25	15								
	1	44			1	27			1									
	2	44			20	75			20	10								
	3	44			15	52			17	12								
1995	1	40			4	57			4									
	2	40			34	72			40	26								
	3	40			19	49			27	21								
	1	42			1	40			1									
	2	42			17	67			27	16								
	3	42			15	48			23	12								
	1	44				16												
	2	44			12	60			16	5								
	3	44			9	45			16	8								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			10	75			10									
	2	40			33	91			39	35								
	3	40			22	60			24	21								
	1	42				48												
	2	42			24	88			29	21								
	3	42			21	55			23	15								
	1	44				23												
	2	44			20	84			22	7								
	3	44			19	52			21	11								
1997	1	40			3	53			2									
	2	40			21	75			25	20								
	3	40			15	51			19	18								
	1	42				31												
	2	42			11	70			13	8								
	3	42			9	41			15	13								
	1	44				10												
	2	44			8	63			8	2								
	3	44			4	36			11	10								
1998	1	40			10	78			10	1								
	2	40			40	105			48	41								
	3	40			25	65			36	34								
	1	42			6	51			6									
	2	42			27	98			34	27								
	3	42			21	60			29	27								
	1	44			1	26			1									
	2	44			16	88			18	13								
	3	44			12	58			20	19								
1999	1	40			1	70			2	2								
	2	40			27	88			45	40								
	3	40			13	56			27	26								
	1	42			1	44			1									
	2	42			13	84			30	25								
	3	42			9	53			20	20								
	1	44				11												
	2	44			4	78			11	8								
	3	44			5	48			13	11								
2000	1	40			1	35			2	1								
	2	40			14	51			19	18								
	3	40			9	33			13	13								
	1	42				17												
	2	42			8	46			11	10								
	3	42			7	31			13	11								
	1	44				7												
	2	44			5	41			6	4								
	3	44			2	29			7	7								
2001	1	40			3	35			3	1								
	2	40			12	52			21	21								
	3	40			6	35			17	17								
	1	42			1	24			1									
	2	42			7	49			13	12								
	3	42			5	32			12	11								
	1	44				7												
	2	44			5	41			7	6								
	3	44			3	30			9	7								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40			39	87			52	87								
	2	40		4	76	109		4	93	109								
	3	40			49	73			63	74								
	1	42			17	74			21	74								
	2	42		2	71	107		2	82	107								
	3	42			46	73			59	74								
	1	44			6	52			6	52								
	2	44		1	62	98		1	76	99								
	3	44			44	71			53	71								
1991	1	40			21	71			30	71								
	2	40		2	59	86		2	74	86								
	3	40			25	56			46	63								
	1	42			6	57			9	56								
	2	42		1	54	80		1	68	81								
	3	42			23	52			42	56								
	1	44			3	28			3	28								
	2	44			39	78			56	79								
	3	44			22	50			36	54								
1992	1	40			25	71			34	71								
	2	40		1	55	90		1	73	90								
	3	40			29	49			37	49								
	1	42			12	49			14	49								
	2	42			44	83			67	83								
	3	42			26	45			32	45								
	1	44			2	28			2	28								
	2	44			34	79			53	79								
	3	44			25	44			29	44								
1993	1	40			23	78			48	78								
	2	40			65	87			83	88								
	3	40			38	57			54	61								
	1	42			6	61			10	61								
	2	42			57	86			77	87								
	3	42			34	56			48	58								
	1	44				32				32								
	2	44			40	82			69	83								
	3	44			30	53			43	53								
1994	1	40			32	76			43	76								
	2	40		2	71	92		2	78	93								
	3	40		1	44	70		1	55	70								
	1	42			14	66			22	66								
	2	42		1	62	84		1	73	84								
	3	42		1	40	66		1	55	66								
	1	44			4	41			5	41								
	2	44		1	50	80		1	62	80								
	3	44		1	37	62		1	48	62								
1995	1	40			22	61			41	62								
	2	40		1	57	81		1	68	82								
	3	40			39	52			50	56								
	1	42			9	56			16	56								
	2	42			52	76			61	76								
	3	42			36	51			47	53								
	1	44			1	37			2	37								
	2	44			42	72			58	72								
	3	44			32	51			41	51								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			31	86			44	86								
	2	40		1	76	100		1	83	100								
	3	40		1	44	74		1	55	75								
	1	42			18	73			24	73								
	2	42			65	94			76	94								
	3	42			39	69			49	69								
	1	44			6	35			6	35								
	2	44			53	89			65	89								
	3	44			36	63			46	63								
1997	1	40			19	67			30	67								
	2	40			57	87			83	94								
	3	40			32	59			53	64								
	1	42			7	51			10	51								
	2	42			49	84			70	88								
	3	42			28	57			49	61								
	1	44			2	27			1	26								
	2	44			36	75			54	74								
	3	44			27	54			40	56								
1998	1	40			35	90			55	90								
	2	40		6	80	116		6	102	117								
	3	40		2	45	82		2	72	85								
	1	42			16	78			26	78								
	2	42		5	74	110		5	89	110								
	3	42			40	77			64	81								
	1	44			8	43			8	43								
	2	44		2	54	103		2	80	103								
	3	44			37	69			56	73								
1999	1	40			23	80			53	80								
	2	40		1	71	109		1	90	109								
	3	40			43	70			64	76								
	1	42			4	65			19	67								
	2	42		1	61	96		1	85	97								
	3	42			39	67			58	73								
	1	44			1	31			2	31								
	2	44			46	86			77	89								
	3	44			34	59			53	62								
2000	1	40			13	44			26	46								
	2	40			36	62			59	68								
	3	40			21	42			37	43								
	1	42			5	33			7	34								
	2	42			30	54			48	59								
	3	42			17	39			34	39								
	1	44			1	17			2	17								
	2	44			19	51			41	53								
	3	44			16	36			27	36								
2001	1	40			12	41			33	45								
	2	40		2	36	68		2	64	69								
	3	40		1	25	40		1	38	44								
	1	42			4	35			12	35								
	2	42		1	33	58		1	55	62								
	3	42			21	38			36	41								
	1	44			2	17			2	17								
	2	44		1	26	51		1	47	56								
	3	44			18	36			35	39								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1990	1	40		2	53	107		2	60	44								
	2	40		15	82	117		15	94	93								
	3	40		10	57	80		10	64	63								
	1	42			23	91			24	19								
	2	42		10	78	114		10	85	82								
	3	42		9	50	78		9	59	59								
	1	44			13	76			12	2								
	2	44		5	71	113		5	76	74								
	3	44		3	48	77		3	55	52								
1991	1	40		1	30	79		1	37	30								
	2	40		5	68	112		5	77	74								
	3	40		2	33	71		2	47	46								
	1	42			11	72			12	7								
	2	42		3	60	97		3	69	68								
	3	42		1	28	68		1	42	42								
	1	44			3	58			3									
	2	44		3	53	91		3	58	56								
	3	44		1	24	65		1	36	36								
1992	1	40			29	83			36	31								
	2	40		12	67	110		12	73	73								
	3	40		4	33	66		4	38	37								
	1	42			18	75			19	10								
	2	42		9	56	100		9	68	67								
	3	42		2	31	61		2	34	32								
	1	44			9	55			9									
	2	44		2	44	93		2	56	52								
	3	44		1	27	55		1	30	29								
1993	1	40			36	86			50	44								
	2	40		5	76	99		5	84	83								
	3	40		2	41	79		2	54	54								
	1	42			15	79			15	4								
	2	42		1	65	95		1	77	77								
	3	42		1	39	73		1	48	48								
	1	44			1	65			1									
	2	44			57	90			72	69								
	3	44			35	68			44	43								
1994	1	40		1	44	84		1	51	39								
	2	40		14	75	108		14	78	78								
	3	40		8	51	79		8	56	55								
	1	42			24	77			29	18								
	2	42		9	73	98		9	75	73								
	3	42		4	46	76		4	55	55								
	1	44			10	71			10	1								
	2	44		4	62	95		4	66	59								
	3	44		3	41	73		3	50	48								
1995	1	40			38	76			48	39								
	2	40		8	60	95		8	68	68								
	3	40		5	41	70		5	51	50								
	1	42			16	65			22	10								
	2	42		6	57	91		6	63	60								
	3	42		3	40	64		3	47	47								
	1	44			6	57			7	1								
	2	44		1	52	85		1	60	58								
	3	44		2	38	58		2	42	41								

APPENDIX - 11
(Predicted dangerous days - 1990 - 2001)

Table - 11(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.
1996	1	40			36	94			45	42								
	2	40		17	82	115		17	85	83								
	3	40		10	47	88		10	56	55								
	1	42			22	88			26	13								
	2	42		10	77	112		10	80	76								
	3	42		8	46	87		8	50	49								
	1	44			11	76			11	1								
	2	44		5	65	104		5	68	64								
	3	44		5	43	82		5	48	46								
1997	1	40			29	84			37	27								
	2	40		6	65	107		6	84	83								
	3	40		3	34	73		3	53	53								
	1	42			11	68			12	7								
	2	42		2	56	103		2	71	69								
	3	42		2	33	66		2	49	49								
	1	44			4	55			3									
	2	44		1	49	93		1	58	54								
	3	44		1	31	63		1	40	40								
1998	1	40		5	47	110		5	60	52								
	2	40		15	87	128		15	102	102								
	3	40		5	55	100		5	72	72								
	1	42			21	96			29	23								
	2	42		11	82	124		11	90	89								
	3	42		4	49	93		4	65	64								
	1	44			11	80			11	3								
	2	44		8	74	119		8	82	80								
	3	44		3	44	90		3	57	56								
1999	1	40		1	34	96		1	56	52								
	2	40		4	78	119		4	90	90								
	3	40			45	95			64	64								
	1	42			7	83			19	18								
	2	42		1	73	115		1	85	85								
	3	42			44	88			58	58								
	1	44			1	71			2	2								
	2	44		1	61	111		1	79	77								
	3	44			41	81			53	53								
2000	1	40			18	54			26	26								
	2	40		5	40	78		5	59	59								
	3	40		1	27	56		1	37	37								
	1	42			6	46			8	6								
	2	42		2	36	74		2	49	48								
	3	42			22	51			34	34								
	1	44			2	35			3	2								
	2	44		1	30	67		1	43	41								
	3	44			19	48			27	27								
2001	1	40		1	19	58		1	34	33								
	2	40		4	40	78		4	64	64								
	3	40		3	27	53		3	38	38								
	1	42			6	46			12	11								
	2	42		4	36	76		4	55	55								
	3	42		1	26	50		1	36	36								
	1	44			4	36			4	1								
	2	44		2	33	69		2	47	47								
	3	44		1	22	48		1	35	35								

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			1	4			2	4								
	2	40			3	7			6	7								
	3	40																
	1	42				2				2								
	2	42			2	7			5	7								
	3	42																
	1	44				2				2								
	2	44			2	6			4	6								
	3	44																
1991	1	40				3			3	5								
	2	40			2	10			10	10								
	3	40																
	1	42				2				2								
	2	42			2	9			8	9								
	3	42																
	1	44																
	2	44			1	6			6	7								
	3	44																
1992	1	40																
	2	40				1			4	4								
	3	40																
	1	42																
	2	42							4	4								
	3	42																
	1	44																
	2	44							3	3								
	3	44																
1993	1	40				3			3	5								
	2	40			1	8			8	8								
	3	40																
	1	42				1			1	1								
	2	42			1	7			7	8								
	3	42																
	1	44																
	2	44				5			6	6								
	3	44																
1994	1	40			1	5			1	5								
	2	40			2	6			4	6								
	3	40																
	1	42				2				2								
	2	42			2	5			2	5								
	3	42																
	1	44				1				1								
	2	44			1	5			1	5								
	3	44																
1995	1	40																
	2	40				2				2								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1				1								
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40				3			2	4								
	2	40			2	9			7	10								
	3	40																
	1	42				2				2								
	2	42			2	8			5	8								
	3	42																
	1	44																
	2	44				8			5	8								
	3	44																
1998	1	40				5			1	5								
	2	40			2	10			10	13								
	3	40																
	1	42																
	2	42				10			6	11								
	3	42																
	1	44																
	2	44				7			5	7								
	3	44																
1999	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
2000	1	40				6			1	6								
	2	40			5	10			8	10								
	3	40																
	1	42				4				4								
	2	42			3	8			7	8								
	3	42																
	1	44																
	2	44				8			4	8								
	3	44																
2001	1	40			2	3			2	2								
	2	40			3	7			6	7								
	3	40																
	1	42			2	2			1	1								
	2	42			3	6			6	7								
	3	42																
	1	44				1				1								
	2	44			3	6			5	6								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			2	7			3	2								
	2	40			4	9			6	6								
	3	40																
	1	42				5												
	2	42			3	8			5	5								
	3	42																
	1	44				3												
	2	44			2	8			4	4								
	3	44																
1991	1	40				9			3	3								
	2	40			3	12			10	10								
	3	40																
	1	42				3												
	2	42			2	11			8	8								
	3	42																
	1	44				2												
	2	44			2	10			6	6								
	3	44																
1992	1	40																
	2	40				3			4	4								
	3	40																
	1	42																
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				2			3	3								
	3	44																
1993	1	40				7			3	3								
	2	40			2	9			8	8								
	3	40																
	1	42				4			1	1								
	2	42			1	8			7	7								
	3	42																
	1	44				1												
	2	44			1	8			6	6								
	3	44																
1994	1	40			1	5			1	1								
	2	40			5	10			5	4								
	3	40																
	1	42				5												
	2	42			2	6			2	2								
	3	42																
	1	44				2												
	2	44			2	6			2	1								
	3	44																
1995	1	40																
	2	40				3												
	3	40																
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44				2												
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1												
	2	40				2			1	1								
	3	40																
	1	42				1												
	2	42				2			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40				8			2	2								
	2	40			3	10			7	7								
	3	40																
	1	42				4												
	2	42			2	10			5	5								
	3	42																
	1	44				2												
	2	44			2	9			5	5								
	3	44																
1998	1	40				10			1	1								
	2	40			4	18			10	10								
	3	40																
	1	42				6												
	2	42			2	16			6	6								
	3	42																
	1	44				2												
	2	44				12			5	5								
	3	44																
1999	1	40				1												
	2	40				1			1	1								
	3	40																
	1	42				1												
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1												
	3	44																
2000	1	40				8			1	1								
	2	40			6	15			8	8								
	3	40																
	1	42				8												
	2	42			5	13			7	7								
	3	42																
	1	44				5												
	2	44			3	10			5	4								
	3	44																
2001	1	40			2	5			2	2								
	2	40			4	8			6	6								
	3	40																
	1	42			2	4			1	1								
	2	42			3	7			6	6								
	3	42																
	1	44				1												
	2	44			3	7			5	5								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			2	7			5	7								
	2	40			6	9			10	11								
	3	40																
	1	42			1	5			2	5								
	2	42			4	8			10	10								
	3	42																
	1	44				3				3								
	2	44			4	8			7	8								
	3	44																
1991	1	40			2	9			8	9								
	2	40			6	12			13	14								
	3	40																
	1	42				3			4	5								
	2	42			3	11			13	13								
	3	42																
	1	44				2				2								
	2	44			3	10			10	10								
	3	44																
1992	1	40				1			4	4								
	2	40				3			4	4								
	3	40																
	1	42							3	3								
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				2			4	4								
	3	44																
1993	1	40			1	8			7	8								
	2	40			4	9			10	11								
	3	40																
	1	42				4			5	6								
	2	42			4	8			8	8								
	3	42																
	1	44				1			1	1								
	2	44			1	8			8	8								
	3	44																
1994	1	40			2	6			2	6								
	2	40			5	10			11	13								
	3	40																
	1	42			1	5			1	5								
	2	42			5	6			9	10								
	3	42																
	1	44				2			1	2								
	2	44			4	6			5	6								
	3	44																
1995	1	40																
	2	40				3			3	3								
	3	40																
	1	42																
	2	42				2			2	3								
	3	42																
	1	44																
	2	44				2				2								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1			1	1								
	2	40			1	2			3	4								
	3	40																
	1	42				1				1								
	2	42			1	2			3	4								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40			2	8			5	8								
	2	40			6	11			11	12								
	3	40																
	1	42				4			2	5								
	2	42			4	10			10	11								
	3	42																
	1	44				2				2								
	2	44			3	9			7	10								
	3	44																
1998	1	40				10			6	11								
	2	40			8	19			16	19								
	3	40																
	1	42				6			3	6								
	2	42			6	17			14	18								
	3	42																
	1	44				2				2								
	2	44			4	12			13	13								
	3	44																
1999	1	40				1			1	1								
	2	40			1	1			3	3								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
2000	1	40			3	8			7	8								
	2	40			8	15			12	15								
	3	40																
	1	42				8			2	8								
	2	42			6	13			10	13								
	3	42																
	1	44				5			1	5								
	2	44			5	10			10	12								
	3	44																
2001	1	40			3	7			6	7								
	2	40			7	9			10	10								
	3	40																
	1	42			2	4			2	3								
	2	42			5	8			8	9								
	3	42																
	1	44			2	2			1	1								
	2	44			3	7			7	8								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			3	8			5	5								
	2	40			7	13			10	10								
	3	40																
	1	42			2	7			3	2								
	2	42			6	11			10	10								
	3	42																
	1	44				6												
	2	44			4	11			7	7								
	3	44																
1991	1	40			2	11			8	8								
	2	40			9	15			13	13								
	3	40																
	1	42			1	10			4	4								
	2	42			6	13			13	13								
	3	42																
	1	44				6												
	2	44			3	13			10	10								
	3	44																
1992	1	40				3			4	4								
	2	40				4			4	4								
	3	40																
	1	42				1			3	3								
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				3			4	4								
	3	44																
1993	1	40			1	8			7	7								
	2	40			7	15			10	10								
	3	40																
	1	42				8			5	5								
	2	42			5	13			8	8								
	3	42																
	1	44				4			1	1								
	2	44			3	9			8	8								
	3	44																
1994	1	40			2	6			2	2								
	2	40		1	5	13		1	11	11								
	3	40																
	1	42			1	6			1	1								
	2	42			5	12			9	9								
	3	42																
	1	44			1	5			1	1								
	2	44			5	12			5	5								
	3	44																
1995	1	40				2												
	2	40				3			3	3								
	3	40																
	1	42				2												
	2	42				3			2	2								
	3	42																
	1	44																
	2	44				3												
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				2			1	1								
	2	40			1	4			3	3								
	3	40																
	1	42				1												
	2	42			1	3			3	3								
	3	42																
	1	44				1												
	2	44			1	2			1	1								
	3	44																
1997	1	40			2	10			5	5								
	2	40			8	14			11	11								
	3	40																
	1	42				8			2	2								
	2	42			6	13			10	10								
	3	42																
	1	44				6												
	2	44			4	13			8	7								
	3	44																
1998	1	40			2	16			6	6								
	2	40			9	22			16	16								
	3	40																
	1	42				10			3	3								
	2	42			8	21			14	14								
	3	42																
	1	44				7												
	2	44			5	19			13	13								
	3	44																
1999	1	40				1			1	1								
	2	40			1	6			3	3								
	3	40																
	1	42				1												
	2	42			1	3			1	1								
	3	42																
	1	44				1												
	2	44			1	2			1	1								
	3	44																
2000	1	40			5	13			7	7								
	2	40			8	19			12	12								
	3	40																
	1	42			1	10			2	2								
	2	42			8	17			10	10								
	3	42																
	1	44				8			1	1								
	2	44			6	16			10	10								
	3	44																
2001	1	40			3	7			6	6								
	2	40		1	7	11		1	10	10								
	3	40																
	1	42			2	6			2	2								
	2	42		1	7	10		1	8	8								
	3	42																
	1	44			2	5			1	1								
	2	44		1	4	9		1	7	7								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(3)

City	Liverpool	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	7			5	7								
	2	40			6	9			11	12								
	3	40																
	1	42			2	6			4	6								
	2	42			5	8			10	10								
	3	42																
	1	44				4				4								
	2	44			4	8			7	8								
	3	44																
1991	1	40			2	10			9	10								
	2	40			6	13			13	14								
	3	40																
	1	42				5			4	6								
	2	42			3	11			13	13								
	3	42																
	1	44				2				2								
	2	44			3	10			10	10								
	3	44																
1992	1	40				1			4	4								
	2	40				3			4	4								
	3	40																
	1	42							3	3								
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				3			4	4								
	3	44																
1993	1	40			1	8			8	8								
	2	40			5	9			10	11								
	3	40																
	1	42				4			6	6								
	2	42			4	8			8	8								
	3	42																
	1	44				1			2	2								
	2	44			2	8			8	8								
	3	44																
1994	1	40			2	6			4	6								
	2	40			5	11			12	13								
	3	40																
	1	42			1	5			1	5								
	2	42			5	6			10	11								
	3	42																
	1	44				3			1	3								
	2	44			5	6			6	7								
	3	44																
1995	1	40				1				1								
	2	40				3			3	3								
	3	40																
	1	42																
	2	42				2			3	3								
	3	42																
	1	44																
	2	44				2				2								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(3)

City	Liverpool	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				1			1	1								
	2	40			1	2			3	4								
	3	40																
	1	42				1			1	1								
	2	42			1	2			3	4								
	3	42																
	1	44																
	2	44				2			1	2								
	3	44																
1997	1	40			2	8			6	8								
	2	40			8	13			12	13								
	3	40																
	1	42				6			4	6								
	2	42			4	10			11	12								
	3	42																
	1	44				2				2								
	2	44			3	9			8	10								
	3	44																
1998	1	40			2	10			8	12								
	2	40			8	19			17	19								
	3	40																
	1	42				6			4	6								
	2	42			7	17			14	18								
	3	42																
	1	44				3				3								
	2	44			4	13			13	14								
	3	44																
1999	1	40				1			1	1								
	2	40			1	2			3	3								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
2000	1	40			4	9			8	9								
	2	40			8	15			12	15								
	3	40																
	1	42				8			3	8								
	2	42			8	13			11	13								
	3	42																
	1	44				5			1	5								
	2	44			5	11			10	13								
	3	44																
2001	1	40			3	7			6	7								
	2	40			7	9			10	10								
	3	40																
	1	42			3	6			4	6								
	2	42			6	8			9	9								
	3	42																
	1	44			2	2			2	2								
	2	44			4	7			8	9								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(3a)

City	Liverpool	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			4	8			5	5								
	2	40		1	7	13		1	11	11								
	3	40																
	1	42			2	7			4	3								
	2	42			6	12			10	10								
	3	42																
	1	44				6												
	2	44			5	11			7	7								
	3	44																
1991	1	40			2	11			9	9								
	2	40			9	15			13	13								
	3	40																
	1	42			1	10			4	4								
	2	42			6	14			13	13								
	3	42																
	1	44				6												
	2	44			3	13			10	10								
	3	44																
1992	1	40				3			4	4								
	2	40			1	5			4	4								
	3	40																
	1	42				1			3	3								
	2	42				4			4	4								
	3	42																
	1	44																
	2	44				3			4	4								
	3	44																
1993	1	40			1	8			8	8								
	2	40			8	15			10	10								
	3	40																
	1	42				8			6	6								
	2	42			5	15			8	8								
	3	42																
	1	44				5			2	2								
	2	44			4	9			8	8								
	3	44																
1994	1	40			4	6			4	4								
	2	40		1	6	13		1	12	12								
	3	40																
	1	42			1	6			1	1								
	2	42			5	12			10	10								
	3	42																
	1	44			1	5			1	1								
	2	44			5	12			6	6								
	3	44																
1995	1	40				2												
	2	40				3			3	3								
	3	40																
	1	42				2												
	2	42				3			3	3								
	3	42																
	1	44																
	2	44				3												
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(3a)

City	Liverpool	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				2			1	1								
	2	40			1	4			3	3								
	3	40																
	1	42				1			1	1								
	2	42			1	3			3	3								
	3	42																
	1	44				1												
	2	44			1	2			1	1								
	3	44																
1997	1	40			2	10			6	6								
	2	40			8	16			12	12								
	3	40																
	1	42			1	9			4	4								
	2	42			8	14			11	11								
	3	42																
	1	44				8												
	2	44			4	13			8	8								
	3	44																
1998	1	40			3	16			8	8								
	2	40			11	23			17	17								
	3	40																
	1	42				10			4	4								
	2	42			9	21			14	14								
	3	42																
	1	44				7												
	2	44			6	19			13	13								
	3	44																
1999	1	40				1			1	1								
	2	40			1	6			3	3								
	3	40																
	1	42				1												
	2	42			1	3			1	1								
	3	42																
	1	44				1												
	2	44			1	2			1	1								
	3	44																
2000	1	40			5	13			8	8								
	2	40			8	19			12	12								
	3	40																
	1	42			2	10			3	3								
	2	42			8	17			11	11								
	3	42																
	1	44				8			1	1								
	2	44			8	16			10	10								
	3	44																
2001	1	40			3	7			6	6								
	2	40		1	8	11		1	10	10								
	3	40																
	1	42			3	7			4	4								
	2	42		1	7	10		1	9	9								
	3	42																
	1	44			2	5			2	2								
	2	44		1	5	9		1	8	8								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(4)

City	Liverpool	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		2	9	14		2	17	17								
	2	40	3	6	13	18	1	4	22	23					3	4	11	13
	3	40																
	1	42			7	13			13	13								
	2	42		4	13	16		4	21	21							6	6
	3	42																
	1	44			6	10			11	13								
	2	44		3	11	16		3	17	17							2	2
	3	44																
1991	1	40		1	11	19		1	20	22								
	2	40		3	16	31	1	4	38	40	2	2	3	3	6	7	14	15
	3	40																
	1	42			10	15			16	19								
	2	42		3	14	28		3	33	36	1	1	2	2	2	2	9	9
	3	42																
	1	44			7	13			13	14								
	2	44		2	13	21		2	26	27	1	1	1	1	1	1	5	5
	3	44																
1992	1	40			4	5			8	8	1	1	1	1	1	1	1	1
	2	40			5	10	3	3	10	12	4	4	4	4	6	6	10	10
	3	40																
	1	42			3	5			6	6								
	2	42			5	9	1	1	10	11	1	1	2	2	4	4	7	7
	3	42																
	1	44				3			4	4								
	2	44			4	6	1	1	8	9	1	1	1	1	1	1	4	4
	3	44																
1993	1	40			8	16			20	21							1	1
	2	40		3	15	23	3	5	32	32	4	4	5	5	7	7	15	16
	3	40																
	1	42			8	15			14	17								
	2	42		2	15	21	2	3	29	29			2	2	4	4	11	11
	3	42																
	1	44			5	9			10	11								
	2	44		1	12	20		1	25	25					2	2	6	6
	3	44																
1994	1	40		1	7	19		1	21	21							1	1
	2	40	1	5	13	24	1	5	26	27		1	1	1	1	1	12	14
	3	40																
	1	42		1	6	13		1	15	17								
	2	42	1	4	13	22	1	4	24	25					1	1	3	4
	3	42																
	1	44			5	12			12	14								
	2	44		2	12	20		2	24	25							1	1
	3	44																
1995	1	40			5	6			6	6								
	2	40	1	1	5	10			10	13							1	2
	3	40															1	1
	1	42			2	3			3	3								
	2	42	1	1	5	8			9	12								
	3	42																
	1	44				3			3	3								
	2	44			5	7			7	9								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(4)

City	Liverpool	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			2	7			9	9								
	2	40	1	2	5	10		1	13	13							3	3
	3	40																
	1	42			1	4			6	7								
	2	42			3	8			10	10							2	2
	3	42																
	1	44			1	2			4	4								
	2	44			3	7			10	10								
	3	44																
1997	1	40		1	10	19		1	21	21								
	2	40	1	5	17	23		4	30	30					3	4	6	9
	3	40																
	1	42			9	14			17	18								
	2	42		3	14	20		3	27	27							6	6
	3	42																
	1	44			8	13			12	13								
	2	44		2	13	20		2	23	23							3	3
	3	44																
1998	1	40			19	26			28	30			1	1	1	1	1	1
	2	40		6	24	37	1	7	46	48	1	1	1	1	2	2	11	14
	3	40																
	1	42			12	22			24	26								
	2	42		4	21	34	1	5	42	44	1	1	1	1	1	1	7	7
	3	42																
	1	44			9	19			17	19								
	2	44		2	20	31	1	3	37	39	1	1	1	1	1	1	3	3
	3	44																
1999	1	40			2	12			16	18								
	2	40		1	7	22		1	26	27							4	4
	3	40																
	1	42			1	6			13	13								
	2	42			5	20			21	22								
	3	42																
	1	44			1	2			3	3								
	2	44			4	18			18	20								
	3	44																
2000	1	40		1	14	22		1	23	25								
	2	40		8	19	27	1	8	28	28			1	1	1	1	12	13
	3	40																
	1	42			10	19			18	21								
	2	42		5	17	26		5	28	28					1	1	4	5
	3	42																
	1	44			8	15			13	15								
	2	44		5	16	24		5	25	26							2	2
	3	44																
2001	1	40		1	9	12		1	15	15							1	1
	2	40	6	7	12	16	2	2	17	18	2	2	2	2	4	4	13	14
	3	40																
	1	42		1	8	11		1	13	14								
	2	42	4	5	10	15	1	2	16	17			1	1	2	2	7	7
	3	42																
	1	44		1	7	10		1	10	10								
	2	44	2	2	10	14	1	1	16	16					1	1	4	4
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(4a)

City	Liverpool	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		4	11	16		4	17	17								
	2	40	4	12	13	27	2	10	22	22		7		10	3	17	11	11
	3	40																
	1	42		2	8	16		2	13	13								
	2	42	1	8	13	23	1	8	21	21		4		6		8	6	6
	3	42																
	1	44		1	7	13		1	11	11								
	2	44		6	13	20		6	17	17		1		1		4	2	2
	3	44																
1991	1	40		3	13	28		3	20	20								
	2	40	1	12	18	36	2	13	38	38	2	13	3	16	6	28	14	14
	3	40																
	1	42		2	11	19		2	16	16								
	2	42		10	17	34		10	33	33	1	4	2	6	2	13	9	9
	3	42																
	1	44			9	16			13	13								
	2	44		6	14	34		6	26	26	1	1	1	3	1	4	5	5
	3	44																
1992	1	40			4	9			8	8	1	1	1	1	1	1	1	1
	2	40		3	5	13	3	5	10	10	4	5	4	5	6	9	10	10
	3	40																
	1	42			4	5			6	6								
	2	42		2	5	13	1	3	10	10	1	1	2	2	4	5	7	7
	3	42																
	1	44			1	5			4	4								
	2	44			5	11	1	1	8	8	1	1	1	1	1	1	4	4
	3	44																
1993	1	40		2	9	21		2	20	20							1	1
	2	40		9	15	25	3	10	32	32	4	10	5	15	7	25	15	15
	3	40																
	1	42			8	20			14	14								
	2	42		8	15	25	2	9	29	29		3	2	5	4	11	11	11
	3	42																
	1	44			8	15			10	10								
	2	44		4	15	23		4	25	25		1		1	2	4	6	6
	3	44																
1994	1	40		4	12	22		4	21	21						1	1	1
	2	40	1	11	16	25	1	11	26	26		6	1	12	1	21	12	12
	3	40		1				1										
	1	42		2	6	19		2	15	15								
	2	42	1	6	14	24	1	6	24	24		3		5	1	6	3	3
	3	42																
	1	44		1	6	13		1	12	12								
	2	44	1	5	13	24	1	5	24	24		1		1		4	1	1
	3	44																
1995	1	40			5	8			6	6								
	2	40	1	6	6	13		5	10	10		2		3		6	1	1
	3	40															1	1
	1	42			2	6			3	3								
	2	42	1	1	5	12			9	9						2		
	3	42																
	1	44				3			3	3								
	2	44			5	10			7	7								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(4a)

City	Liverpool	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			2	8			9	9								
	2	40	1	3	7	16		2	13	13		2		4		11	3	3
	3	40																
	1	42			2	7			6	6								
	2	42		1	5	13		1	10	10				1		2	2	2
	3	42																
	1	44			1	5			4	4								
	2	44		1	3	10		1	10	10								
	3	44																
1997	1	40		3	13	20		3	21	21								
	2	40	1	13	19	30		12	30	30		9		15	3	23	6	6
	3	40																
	1	42		2	10	19		2	17	17								
	2	42		8	17	27		8	27	27		3		5		11	6	6
	3	42																
	1	44			8	17			12	12								
	2	44		6	14	24		6	23	23		2		2		3	3	3
	3	44																
1998	1	40		4	20	34		4	28	28			1	1	1	1	1	1
	2	40		17	26	45	1	17	46	46	1	15	1	22	2	39	11	11
	3	40																
	1	42			16	28			24	24								
	2	42		10	24	43	1	11	42	42	1	5	1	7	1	18	7	7
	3	42																
	1	44			11	24			17	17								
	2	44		6	21	42	1	7	37	37	1	1	1	1	1	5	3	3
	3	44																
1999	1	40			3	20			16	16								
	2	40		3	9	27		3	26	26		1		2		19	4	4
	3	40																
	1	42			1	15			13	13								
	2	42		1	7	24		1	21	21				1		1		
	3	42																
	1	44			1	6			3	3								
	2	44		1	5	23		1	18	18								
	3	44																
2000	1	40		5	16	26		5	23	23								
	2	40		13	22	30	1	13	28	28		12	1	16	1	26	12	12
	3	40																
	1	42		3	12	22		3	18	18								
	2	42		10	20	29		10	28	28		5		8	1	15	4	4
	3	42																
	1	44			8	19			13	13								
	2	44		8	17	28		8	25	25				2		6	2	2
	3	44																
2001	1	40	1	2	10	15	1	2	15	15						1	1	1
	2	40	6	11	13	19	2	9	17	17	2	6	2	9	4	15	13	13
	3	40																
	1	42		1	8	12		1	13	13								
	2	42	4	7	11	16	1	6	16	16		1	1	4	2	8	7	7
	3	42																
	1	44		1	8	11		1	10	10								
	2	44	2	5	10	16	1	5	16	16		1		1	1	1	4	4
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40				4				4								
	2	40			2	7			5	7								
	3	40																
	1	42				2				2								
	2	42			2	6			4	6								
	3	42																
	1	44				1				1								
	2	44			2	6			4	6								
	3	44																
1991	1	40				3			1	3								
	2	40			2	9			9	9								
	3	40																
	1	42				2				2								
	2	42			1	8			6	8								
	3	42																
	1	44																
	2	44				5			4	6								
	3	44																
1992	1	40																
	2	40				1			4	4								
	3	40																
	1	42																
	2	42							4	4								
	3	42																
	1	44																
	2	44							3	3								
	3	44																
1993	1	40				2			2	3								
	2	40			1	8			8	8								
	3	40																
	1	42																
	2	42				6			7	8								
	3	42																
	1	44																
	2	44				4			6	6								
	3	44																
1994	1	40			1	4			1	4								
	2	40			2	6			4	6								
	3	40																
	1	42				1				1								
	2	42			1	5			2	5								
	3	42																
	1	44				1				1								
	2	44			1	5			1	5								
	3	44																
1995	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40				3				3								
	2	40			2	8			6	8								
	3	40																
	1	42				2				2								
	2	42			1	8			5	8								
	3	42																
	1	44																
	2	44				6			4	6								
	3	44																
1998	1	40				4				4								
	2	40				10			8	12								
	3	40																
	1	42																
	2	42				8			5	8								
	3	42																
	1	44																
	2	44				6			4	6								
	3	44																
1999	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
2000	1	40				5			1	5								
	2	40			4	8			8	8								
	3	40																
	1	42				3				3								
	2	42			2	8			6	8								
	3	42																
	1	44																
	2	44				8			3	8								
	3	44																
2001	1	40			2	3			2	2								
	2	40			3	7			6	7								
	3	40																
	1	42			1	2			1	1								
	2	42			3	6			5	6								
	3	42																
	1	44				1				1								
	2	44			2	5			4	6								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			1	6			1									
	2	40			4	8			5	5								
	3	40																
	1	42				4												
	2	42			2	8			4	4								
	3	42																
	1	44				2												
	2	44			2	7			4	3								
	3	44																
1991	1	40				8			1	1								
	2	40			2	11			9	9								
	3	40																
	1	42				3												
	2	42			2	10			6	6								
	3	42																
	1	44				2												
	2	44			1	10			4	4								
	3	44																
1992	1	40																
	2	40				3			4	4								
	3	40																
	1	42																
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				1			3	3								
	3	44																
1993	1	40				6			2	2								
	2	40			1	8			8	8								
	3	40																
	1	42				3												
	2	42			1	8			7	7								
	3	42																
	1	44				1												
	2	44				8			6	6								
	3	44																
1994	1	40			1	5			1	1								
	2	40			4	6			4	4								
	3	40																
	1	42				5												
	2	42			2	6			2	2								
	3	42																
	1	44				2												
	2	44			1	6			1	1								
	3	44																
1995	1	40																
	2	40				2												
	3	40																
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44				2												
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1												
	2	40				2			1	1								
	3	40																
	1	42				1												
	2	42				2			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40				8												
	2	40			2	10			6	6								
	3	40																
	1	42				3												
	2	42			2	9			5	5								
	3	42																
	1	44				2												
	2	44			1	9			4	4								
	3	44																
1998	1	40				8												
	2	40			4	16			8	8								
	3	40																
	1	42				5												
	2	42			2	13			5	5								
	3	42																
	1	44																
	2	44				10			4	4								
	3	44																
1999	1	40				1												
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1												
	3	42																
	1	44																
	2	44				1												
	3	44																
2000	1	40				8			1	1								
	2	40			5	13			8	8								
	3	40																
	1	42				6												
	2	42			4	11			6	6								
	3	42																
	1	44				4												
	2	44			2	10			3	3								
	3	44																
2001	1	40			2	5			2	2								
	2	40			3	7			6	6								
	3	40																
	1	42			2	3			1	1								
	2	42			3	7			5	5								
	3	42																
	1	44				1												
	2	44			2	6			4	4								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			4	8			7	8								
	2	40			7	12			13	13								
	3	40																
	1	42			2	7			5	7								
	2	42			7	11			11	13								
	3	42																
	1	44			1	5			2	5								
	2	44			6	9			10	11								
	3	44																
1991	1	40			3	10			10	10								
	2	40			10	14			15	17								
	3	40																
	1	42			2	9			8	9								
	2	42			9	13			14	15								
	3	42																
	1	44				3			4	5								
	2	44			6	13			13	14								
	3	44																
1992	1	40				3			4	4								
	2	40			2	4			6	6								
	3	40																
	1	42				1			4	4								
	2	42			1	3			4	4								
	3	42																
	1	44							3	3								
	2	44				3			4	4								
	3	44																
1993	1	40			2	8			8	8								
	2	40			8	15			13	16								
	3	40																
	1	42			1	8			7	8								
	2	42			8	10			11	12								
	3	42																
	1	44				4			5	6								
	2	44			5	9			10	11								
	3	44																
1994	1	40			5	6			7	8								
	2	40		1	6	13		1	15	17								
	3	40																
	1	42			2	6			3	6								
	2	42			5	12			14	16								
	3	42																
	1	44			1	5			1	5								
	2	44			5	10			11	13								
	3	44																
1995	1	40				2				2								
	2	40			2	3			3	3								
	3	40																
	1	42																
	2	42				3			3	3								
	3	42																
	1	44																
	2	44				3			3	3								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				2			1	2								
	2	40			1	3			6	6								
	3	40																
	1	42				1			1	1								
	2	42			1	2			5	5								
	3	42																
	1	44				1				1								
	2	44			1	2			3	4								
	3	44																
1997	1	40			3	9			8	10								
	2	40			8	14			16	17								
	3	40																
	1	42			2	8			5	8								
	2	42			8	13			12	13								
	3	42																
	1	44				4			2	5								
	2	44			6	12			11	12								
	3	44																
1998	1	40			5	14			13	14								
	2	40			11	21			22	23								
	3	40																
	1	42				10			6	11								
	2	42			9	20			18	21								
	3	42																
	1	44				6			3	6								
	2	44			8	19			17	19								
	3	44																
1999	1	40				1			1	1								
	2	40			1	3			11	11								
	3	40																
	1	42				1			1	1								
	2	42			1	2			5	5								
	3	42																
	1	44				1				1								
	2	44			1	2			3	3								
	3	44																
2000	1	40			6	12			10	13								
	2	40			10	17			17	20								
	3	40																
	1	42			3	8			7	8								
	2	42			8	16			15	17								
	3	42																
	1	44				8			2	8								
	2	44			8	15			12	15								
	3	44																
2001	1	40			4	7			8	9								
	2	40		1	8	10		1	13	13								
	3	40																
	1	42			3	7			6	7								
	2	42		1	7	10		1	12	12								
	3	42																
	1	44			2	4			2	3								
	2	44			7	9			10	10								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			6	11			7	7								
	2	40		2	8	14		2	13	13								
	3	40																
	1	42			4	8			5	5								
	2	42		2	7	13		2	11	11								
	3	42																
	1	44			2	7			3	2								
	2	44			7	13			10	10								
	3	44																
1991	1	40			4	13			10	10								
	2	40		1	10	19		1	15	15								
	3	40																
	1	42			2	11			8	8								
	2	42		1	10	18		1	14	14								
	3	42																
	1	44			1	10			4	4								
	2	44			9	15			13	13								
	3	44																
1992	1	40				3			4	4								
	2	40			3	5			6	6								
	3	40																
	1	42				3			4	4								
	2	42			2	5			4	4								
	3	42																
	1	44				1			3	3								
	2	44				4			4	4								
	3	44																
1993	1	40			4	10			8	8								
	2	40			8	16			13	13								
	3	40																
	1	42			1	8			7	7								
	2	42			8	15			11	11								
	3	42																
	1	44				8			5	5								
	2	44			7	15			10	10								
	3	44																
1994	1	40			5	12			7	7								
	2	40		1	6	19		1	15	15								
	3	40																
	1	42			2	6			3	3								
	2	42		1	6	15		1	14	14								
	3	42																
	1	44			1	6			1	1								
	2	44		1	5	13		1	11	11								
	3	44																
1995	1	40				3												
	2	40			2	4			3	3								
	3	40																
	1	42				2												
	2	42			2	4			3	3								
	3	42																
	1	44				2												
	2	44				3			3	3								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40			1	2			1	1								
	2	40			2	7			6	6								
	3	40																
	1	42				2			1	1								
	2	42			1	7			5	5								
	3	42																
	1	44				1												
	2	44			1	4			3	3								
	3	44																
1997	1	40			5	13			9	8								
	2	40		1	9	19		1	16	16								
	3	40																
	1	42			2	10			5	5								
	2	42			9	18			12	12								
	3	42																
	1	44				8			2	2								
	2	44			8	14			11	11								
	3	44																
1998	1	40			7	20			13	13								
	2	40			13	26			22	22								
	3	40																
	1	42			2	16			6	6								
	2	42			11	24			18	18								
	3	42																
	1	44				10			3	3								
	2	44			9	22			17	17								
	3	44																
1999	1	40			1	2			1	1								
	2	40			1	11			11	11								
	3	40																
	1	42				1			1	1								
	2	42			1	7			5	5								
	3	42																
	1	44				1												
	2	44			1	6			3	3								
	3	44																
2000	1	40			8	16			10	10								
	2	40		1	11	22		1	17	17								
	3	40																
	1	42			5	13			7	7								
	2	42			10	22			15	15								
	3	42																
	1	44			1	10			2	2								
	2	44			8	19			12	12								
	3	44																
2001	1	40		1	5	9		1	8	8								
	2	40		1	8	12		1	13	13								
	3	40																
	1	42			3	7			6	6								
	2	42		1	8	11		1	12	12								
	3	42																
	1	44			2	6			2	2								
	2	44		1	7	11		1	10	10								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40				4				4								
	2	40			2	7			5	7								
	3	40																
	1	42				2				2								
	2	42			2	6			4	6								
	3	42																
	1	44																
	2	44			1	5			2	5								
	3	44																
1991	1	40				2				2								
	2	40			2	9			8	9								
	3	40																
	1	42				1				1								
	2	42			1	6			6	7								
	3	42																
	1	44																
	2	44				3			4	5								
	3	44																
1992	1	40																
	2	40							4	4								
	3	40																
	1	42																
	2	42							3	3								
	3	42																
	1	44																
	2	44							3	3								
	3	44																
1993	1	40				1			2	2								
	2	40			1	7			7	8								
	3	40																
	1	42																
	2	42				5			6	6								
	3	42																
	1	44																
	2	44				4			5	6								
	3	44																
1994	1	40				4			1	4								
	2	40			2	5			2	5								
	3	40																
	1	42				1				1								
	2	42			1	5			1	5								
	3	42																
	1	44				1				1								
	2	44			1	5			1	5								
	3	44																
1995	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1997	1	40				2				2								
	2	40			2	8			5	8								
	3	40																
	1	42				1				1								
	2	42				8			5	8								
	3	42																
	1	44																
	2	44				4			2	5								
	3	44																
1998	1	40				4				4								
	2	40				10			6	11								
	3	40																
	1	42																
	2	42				8			5	8								
	3	42																
	1	44																
	2	44				6			3	6								
	3	44																
1999	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
2000	1	40				5			1	5								
	2	40			3	8			7	8								
	3	40																
	1	42				2				2								
	2	42			1	8			4	8								
	3	42																
	1	44																
	2	44				8			2	8								
	3	44																
2001	1	40			2	2			2	2								
	2	40			3	6			6	7								
	3	40																
	1	42				1				1								
	2	42			3	6			5	6								
	3	42																
	1	44				1				1								
	2	44			2	4			2	3								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			1	6			1									
	2	40			4	8			5	5								
	3	40																
	1	42				4												
	2	42			2	8			4	4								
	3	42																
	1	44				2												
	2	44			2	7			3	2								
	3	44																
1991	1	40				6												
	2	40			2	11			8	8								
	3	40																
	1	42				3												
	2	42			2	10			6	6								
	3	42																
	1	44				2												
	2	44			1	10			4	4								
	3	44																
1992	1	40																
	2	40				3			4	4								
	3	40																
	1	42																
	2	42				3			3	3								
	3	42																
	1	44																
	2	44				1			3	3								
	3	44																
1993	1	40				5			2	2								
	2	40			1	8			7	7								
	3	40																
	1	42				2												
	2	42			1	8			6	6								
	3	42																
	1	44				1												
	2	44				8			5	5								
	3	44																
1994	1	40			1	5			1	1								
	2	40			2	6			2	2								
	3	40																
	1	42				5												
	2	42			2	6			2	1								
	3	42																
	1	44				2												
	2	44			1	6			1	1								
	3	44																
1995	1	40																
	2	40				2												
	3	40																
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44				2												
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1												
	2	40				2			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1												
	3	44																
1997	1	40				8												
	2	40			2	10			5	5								
	3	40																
	1	42				3												
	2	42			2	9			5	5								
	3	42																
	1	44				2												
	2	44				8			2	2								
	3	44																
1998	1	40				8												
	2	40			2	16			6	6								
	3	40																
	1	42				4												
	2	42				12			5	5								
	3	42																
	1	44																
	2	44				10			3	3								
	3	44																
1999	1	40				1												
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1												
	3	42																
	1	44																
	2	44				1												
	3	44																
2000	1	40				8			1	1								
	2	40			5	13			7	7								
	3	40																
	1	42				6												
	2	42			3	10			5	4								
	3	42																
	1	44				3												
	2	44			1	10			2	2								
	3	44																
2001	1	40			2	5			2	2								
	2	40			3	7			6	6								
	3	40																
	1	42			1	2			1									
	2	42			3	7			5	5								
	3	42																
	1	44				1												
	2	44			2	6			2	2								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			2	6			4	6								
	2	40			4	8			7	8								
	3	40																
	1	42				4				4								
	2	42			4	7			6	7								
	3	42																
	1	44				2				2								
	2	44			2	7			5	7								
	3	44																
1991	1	40			1	6			5	7								
	2	40			3	10			10	10								
	3	40																
	1	42				2				2								
	2	42			2	10			10	10								
	3	42																
	1	44				1				1								
	2	44			2	9			8	9								
	3	44																
1992	1	40							3	3								
	2	40				3			4	4								
	3	40																
	1	42																
	2	42				1			4	4								
	3	42																
	1	44																
	2	44				1			4	4								
	3	44																
1993	1	40				4			6	6								
	2	40			2	8			8	8								
	3	40																
	1	42				1			2	2								
	2	42			1	8			8	8								
	3	42																
	1	44																
	2	44			1	8			7	8								
	3	44																
1994	1	40			1	5			1	5								
	2	40			5	6			7	8								
	3	40																
	1	42				4			1	4								
	2	42			2	6			5	6								
	3	42																
	1	44				1				1								
	2	44			2	6			3	6								
	3	44																
1995	1	40																
	2	40				2				2								
	3	40																
	1	42																
	2	42				2				2								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1			1	1								
	2	40				2			1	2								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40				6			4	6								
	2	40			3	9			8	10								
	3	40																
	1	42				2				2								
	2	42			2	9			7	10								
	3	42																
	1	44				1				1								
	2	44			2	8			5	8								
	3	44																
1998	1	40				7			4	7								
	2	40			5	14			13	14								
	3	40																
	1	42				4				4								
	2	42			2	10			12	13								
	3	42																
	1	44																
	2	44				10			6	11								
	3	44																
1999	1	40				1				1								
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
2000	1	40				8			3	8								
	2	40			6	12			10	13								
	3	40																
	1	42				5			1	5								
	2	42			5	10			9	11								
	3	42																
	1	44				2				2								
	2	44			3	8			7	8								
	3	44																
2001	1	40			3	6			4	6								
	2	40			4	7			8	9								
	3	40																
	1	42			2	2			2	2								
	2	42			3	7			6	7								
	3	42																
	1	44				1				1								
	2	44			3	7			6	7								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			2	7			4	3								
	2	40			6	11			7	7								
	3	40																
	1	42			1	6			1									
	2	42			4	9			6	6								
	3	42																
	1	44				4												
	2	44			4	8			5	5								
	3	44																
1991	1	40			1	10			5	5								
	2	40			4	13			10	10								
	3	40																
	1	42				7												
	2	42			3	13			10	10								
	3	42																
	1	44				3												
	2	44			2	11			8	8								
	3	44																
1992	1	40				1			3	3								
	2	40				3			4	4								
	3	40																
	1	42																
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				3			4	4								
	3	44																
1993	1	40				8			6	6								
	2	40			4	10			8	8								
	3	40																
	1	42				5			2	2								
	2	42			2	9			8	8								
	3	42																
	1	44				2												
	2	44			1	8			7	7								
	3	44																
1994	1	40			1	6			1	1								
	2	40			5	12			7	7								
	3	40																
	1	42			1	5			1	1								
	2	42			5	11			5	5								
	3	42																
	1	44				5												
	2	44			2	6			3	3								
	3	44																
1995	1	40				2												
	2	40				3												
	3	40																
	1	42																
	2	42				3												
	3	42																
	1	44																
	2	44				2												
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1			1	1								
	2	40			1	2			1	1								
	3	40																
	1	42				1												
	2	42				2			1	1								
	3	42																
	1	44																
	2	44				2			1	1								
	3	44																
1997	1	40			1	9			4	4								
	2	40			5	13			9	8								
	3	40																
	1	42				8												
	2	42			3	12			7	7								
	3	42																
	1	44				3												
	2	44			2	10			5	5								
	3	44																
1998	1	40				10			4	4								
	2	40			7	20			13	13								
	3	40																
	1	42				8												
	2	42			4	18			12	12								
	3	42																
	1	44				4												
	2	44			2	16			6	6								
	3	44																
1999	1	40				1												
	2	40			1	2			1	1								
	3	40																
	1	42				1												
	2	42				2			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
2000	1	40			2	10			3	3								
	2	40			8	16			10	10								
	3	40																
	1	42				8			1	1								
	2	42			6	15			9	9								
	3	42																
	1	44				6												
	2	44			5	13			7	7								
	3	44																
2001	1	40			3	7			4	4								
	2	40		1	6	9		1	8	8								
	3	40																
	1	42			2	5			2	2								
	2	42			4	8			6	6								
	3	42																
	1	44			1	2			1									
	2	44			3	7			6	6								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(9)

City	Liverpool	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	6			4	6								
	2	40			4	8			8	9								
	3	40																
	1	42				4				4								
	2	42			4	7			6	7								
	3	42																
	1	44				2				2								
	2	44			2	7			5	7								
	3	44																
1991	1	40			1	6			5	7								
	2	40			3	11			12	12								
	3	40																
	1	42				3			1	3								
	2	42			2	10			10	10								
	3	42																
	1	44				2				2								
	2	44			2	9			9	9								
	3	44																
1992	1	40							3	3								
	2	40				3			4	4								
	3	40																
	1	42																
	2	42				2			4	4								
	3	42																
	1	44																
	2	44				1			4	4								
	3	44																
1993	1	40				5			6	6								
	2	40			3	8			8	8								
	3	40																
	1	42				2			2	3								
	2	42			1	8			8	8								
	3	42																
	1	44																
	2	44			1	8			8	8								
	3	44																
1994	1	40			1	5			1	5								
	2	40			5	6			7	8								
	3	40																
	1	42			1	4			1	4								
	2	42			4	6			5	6								
	3	42																
	1	44				1				1								
	2	44			2	6			4	6								
	3	44																
1995	1	40																
	2	40				2			1	3								
	3	40																
	1	42																
	2	42				2				2								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(9)

City	Liverpool	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				1			1	1								
	2	40				2			2	3								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40				7			5	7								
	2	40			3	9			10	10								
	3	40																
	1	42				3				3								
	2	42			2	9			7	10								
	3	42																
	1	44				2				2								
	2	44			2	8			6	8								
	3	44																
1998	1	40				7			4	7								
	2	40			5	15			13	15								
	3	40																
	1	42				4				4								
	2	42			3	11			12	13								
	3	42																
	1	44																
	2	44				10			8	12								
	3	44																
1999	1	40				1				1								
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
2000	1	40				8			4	8								
	2	40			6	12			10	13								
	3	40																
	1	42				5			1	5								
	2	42			5	10			9	11								
	3	42																
	1	44				2				2								
	2	44			4	8			8	8								
	3	44																
2001	1	40			3	6			5	6								
	2	40			4	7			8	9								
	3	40																
	1	42			2	2			2	2								
	2	42			3	7			6	7								
	3	42																
	1	44			1	2			1	1								
	2	44			3	7			6	7								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(9a)

City	Liverpool	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	7			4	3								
	2	40			6	11			8	8								
	3	40																
	1	42			1	6			1									
	2	42			4	10			6	6								
	3	42																
	1	44				4												
	2	44			4	8			5	5								
	3	44																
1991	1	40			2	10			5	5								
	2	40			5	13			12	12								
	3	40																
	1	42				8			1	1								
	2	42			3	13			10	10								
	3	42																
	1	44				3												
	2	44			2	11			9	9								
	3	44																
1992	1	40				2			3	3								
	2	40				3			4	4								
	3	40																
	1	42																
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				3			4	4								
	3	44																
1993	1	40				8			6	6								
	2	40			4	12			8	8								
	3	40																
	1	42				6			2	2								
	2	42			3	9			8	8								
	3	42																
	1	44				3												
	2	44			1	8			8	8								
	3	44																
1994	1	40			1	6			1	1								
	2	40			5	12			7	7								
	3	40																
	1	42			1	5			1	1								
	2	42			5	11			5	5								
	3	42																
	1	44				5												
	2	44			4	6			4	4								
	3	44																
1995	1	40				2												
	2	40				3			1	1								
	3	40																
	1	42																
	2	42				3												
	3	42																
	1	44																
	2	44				2												
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(9a)

City	Liverpool	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				1			1	1								
	2	40			1	3			2	2								
	3	40																
	1	42				1												
	2	42			1	2			1	1								
	3	42																
	1	44																
	2	44				2			1	1								
	3	44																
1997	1	40			2	9			5	5								
	2	40			6	13			10	10								
	3	40																
	1	42				8												
	2	42			3	13			7	7								
	3	42																
	1	44				3												
	2	44			2	10			6	6								
	3	44																
1998	1	40				11			4	4								
	2	40			7	21			13	13								
	3	40																
	1	42				8												
	2	42			5	18			12	12								
	3	42																
	1	44				4												
	2	44			3	16			8	8								
	3	44																
1999	1	40				1												
	2	40			1	3			1	1								
	3	40																
	1	42				1												
	2	42				2			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
2000	1	40			3	10			5	4								
	2	40			8	16			10	10								
	3	40																
	1	42				8			1	1								
	2	42			6	15			9	9								
	3	42																
	1	44				6												
	2	44			5	13			8	8								
	3	44																
2001	1	40			3	7			5	5								
	2	40		1	6	9		1	8	8								
	3	40																
	1	42			2	5			2	2								
	2	42			4	8			6	6								
	3	42																
	1	44			2	3			1	1								
	2	44			3	7			6	6								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(10)

City	Liverpool	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			7	11			11	13								
	2	40		2	9	14		2	17	17								
	3	40																
	1	42			5	8			10	10								
	2	42		2	8	13		2	15	15								
	3	42																
	1	44			3	7			6	7								
	2	44			7	13			13	13								
	3	44																
1991	1	40			9	13			14	15								
	2	40		1	12	19		1	20	22								
	3	40																
	1	42			3	11			13	13								
	2	42		1	11	18		1	19	21								
	3	42																
	1	44			2	10			10	10								
	2	44			10	15			17	20								
	3	44																
1992	1	40			1	3			4	4								
	2	40			4	5			8	8	1	1	1	1	1	1	1	1
	3	40																
	1	42				3			4	4								
	2	42			4	5			8	8			1	1	1	1	1	1
	3	42																
	1	44				1			4	4								
	2	44			3	5			6	6								
	3	44																
1993	1	40			8	12			11	14								
	2	40			8	17			20	22							1	1
	3	40																
	1	42			4	8			8	8								
	2	42			8	15			18	19							1	1
	3	42																
	1	44			1	8			8	8								
	2	44			8	15			15	17								
	3	44																
1994	1	40			5	12			14	16								
	2	40		1	9	19		1	21	21							1	1
	3	40																
	1	42			5	6			9	10								
	2	42		1	6	15		1	20	21								
	3	42																
	1	44			2	6			4	6								
	2	44		1	6	13		1	17	18								
	3	44																
1995	1	40				3			3	3								
	2	40			5	6			6	6								
	3	40																
	1	42				2			2	3								
	2	42			4	6			4	5								
	3	42																
	1	44				2				2								
	2	44			2	3			3	3								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(10)

City	Liverpool	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			1	3			5	5								
	2	40			2	7			9	9								
	3	40																
	1	42			1	2			3	4								
	2	42			2	7			9	9								
	3	42																
	1	44				1			1	1								
	2	44			1	4			7	8								
	3	44																
1997	1	40			8	13			12	13								
	2	40		1	10	19		1	21	21								
	3	40																
	1	42			4	10			10	11								
	2	42			10	18			20	21								
	3	42																
	1	44			2	9			7	10								
	2	44			9	14			17	18								
	3	44																
1998	1	40			11	21			20	23								
	2	40			19	26			28	30	1	1	1	1	1	1	1	1
	3	40																
	1	42			7	17			14	18								
	2	42			17	24			27	28							1	1
	3	42																
	1	44			2	10			10	13								
	2	44			13	22			24	26								
	3	44																
1999	1	40			1	3			5	5								
	2	40			2	12			16	18								
	3	40																
	1	42			1	1			1	1								
	2	42			2	8			14	14								
	3	42																
	1	44				1			1	1								
	2	44			2	7			13	13								
	3	44																
2000	1	40			8	16			15	17								
	2	40		1	14	22		1	23	25							1	1
	3	40																
	1	42			8	13			10	13								
	2	42			13	22			20	23								
	3	42																
	1	44			4	10			8	10								
	2	44			10	19			19	21								
	3	44																
2001	1	40		1	7	10		1	12	12								
	2	40		1	9	12		1	15	15							1	1
	3	40																
	1	42			6	8			9	9								
	2	42		1	8	11		1	15	15							1	1
	3	42																
	1	44			3	7			6	7								
	2	44		1	8	11		1	13	14								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(10a)

City	Liverpool	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		2	7	13		2	11	11								
	2	40		4	11	16		4	17	17								
	3	40																
	1	42			6	11			10	10								
	2	42		4	9	16		4	15	15								
	3	42																
	1	44			4	9			6	6								
	2	44		2	8	16		2	13	13								
	3	44																
1991	1	40		1	10	18		1	14	14								
	2	40		3	13	28		3	20	20								
	3	40																
	1	42			6	14			13	13								
	2	42		2	12	22		2	19	19								
	3	42																
	1	44			3	12			10	10								
	2	44		2	11	19		2	17	17								
	3	44																
1992	1	40			2	5			4	4								
	2	40			4	9			8	8	1	1	1	1	1	1	1	1
	3	40																
	1	42				3			4	4								
	2	42			4	9			8	8			1	1	1	1	1	1
	3	42																
	1	44				3			4	4								
	2	44			4	5			6	6								
	3	44																
1993	1	40			8	15			11	11								
	2	40		2	9	21		2	20	20							1	1
	3	40																
	1	42			5	14			8	8								
	2	42		1	9	20		1	18	18							1	1
	3	42																
	1	44			2	8			8	8								
	2	44		1	8	20		1	15	15								
	3	44																
1994	1	40		1	6	15		1	14	14								
	2	40		5	12	22		5	21	21						1	1	1
	3	40																
	1	42			5	12			9	9								
	2	42		2	10	21		2	21	20								
	3	42																
	1	44			4	9			4	4								
	2	44		2	6	19		2	17	17								
	3	44																
1995	1	40			2	4			3	3								
	2	40			5	9			6	6								
	3	40																
	1	42				3			2	2								
	2	42			5	7			4	4								
	3	42																
	1	44				3												
	2	44			2	6			3	3								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(10a)

City	Liverpool	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			1	7			5	5								
	2	40			2	9			9	9								
	3	40																
	1	42			1	3			3	3								
	2	42			2	8			9	9								
	3	42																
	1	44				2			1	1								
	2	44			2	7			7	7								
	3	44																
1997	1	40			9	18			12	12								
	2	40		3	13	22		3	21	21								
	3	40																
	1	42			8	13			10	10								
	2	42		2	10	20		2	20	20								
	3	42																
	1	44			3	10			7	7								
	2	44		2	10	19		2	17	17								
	3	44																
1998	1	40			11	24			20	20								
	2	40		4	20	34		4	28	28	1	1	1	1	1	1	1	1
	3	40																
	1	42			8	21			14	14								
	2	42		2	19	31		2	27	27							1	1
	3	42																
	1	44			4	18			10	10								
	2	44			17	29			24	24								
	3	44																
1999	1	40			1	7			5	5								
	2	40			3	20			16	16								
	3	40																
	1	42			1	3			1	1								
	2	42			2	18			14	14								
	3	42																
	1	44				1			1	1								
	2	44			2	16			13	13								
	3	44																
2000	1	40			10	22			15	15								
	2	40		5	16	27		5	23	23							1	1
	3	40																
	1	42			8	17			10	10								
	2	42		5	15	26		5	20	20								
	3	42																
	1	44			5	14			8	8								
	2	44		3	13	22		3	19	19								
	3	44																
2001	1	40		1	8	11		1	12	12								
	2	40	1	2	10	15	1	2	15	15						1	1	1
	3	40																
	1	42		1	7	10		1	9	9								
	2	42		1	9	14		1	15	15							1	1
	3	42																
	1	44			4	8			6	6								
	2	44		1	8	12		1	13	13								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40				4				4								
	2	40			2	7			4	7								
	3	40																
	1	42				2				2								
	2	42			2	6			4	6								
	3	42																
	1	44																
	2	44			1	4			2	4								
	3	44																
1991	1	40				2				2								
	2	40			2	9			6	9								
	3	40																
	1	42				1				1								
	2	42			1	6			6	7								
	3	42																
	1	44																
	2	44				3			4	5								
	3	44																
1992	1	40																
	2	40							4	4								
	3	40																
	1	42																
	2	42							3	3								
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40				1			2	2								
	2	40				7			7	8								
	3	40																
	1	42																
	2	42				5			6	6								
	3	42																
	1	44																
	2	44				3			4	5								
	3	44																
1994	1	40				3			1	3								
	2	40			1	5			2	5								
	3	40																
	1	42				1				1								
	2	42			1	5			1	5								
	3	42																
	1	44				1				1								
	2	44			1	5			1	5								
	3	44																
1995	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1997	1	40				2				2								
	2	40			2	8			5	8								
	3	40																
	1	42																
	2	42				7			5	7								
	3	42																
	1	44																
	2	44				4			2	5								
	3	44																
1998	1	40				3				3								
	2	40				8			6	9								
	3	40																
	1	42																
	2	42				7			5	7								
	3	42																
	1	44																
	2	44				6			2	6								
	3	44																
1999	1	40																
	2	40				1				1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
2000	1	40				5			1	5								
	2	40			3	8			7	8								
	3	40																
	1	42				1				1								
	2	42				8			4	8								
	3	42																
	1	44																
	2	44				7			2	7								
	3	44																
2001	1	40			2	2			2	2								
	2	40			3	6			6	7								
	3	40																
	1	42				1				1								
	2	42			3	6			5	6								
	3	42																
	1	44				1				1								
	2	44			2	3			2	2								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40				6												
	2	40			3	8			4	4								
	3	40																
	1	42				4												
	2	42			2	7			4	3								
	3	42																
	1	44				2												
	2	44			2	7			3	2								
	3	44																
1991	1	40				6												
	2	40			2	11			6	6								
	3	40																
	1	42				3												
	2	42			2	10			6	6								
	3	42																
	1	44				2												
	2	44			1	9			4	4								
	3	44																
1992	1	40																
	2	40				3			4	4								
	3	40																
	1	42																
	2	42				2			3	3								
	3	42																
	1	44																
	2	44				1												
	3	44																
1993	1	40				5			2	2								
	2	40			1	8			7	7								
	3	40																
	1	42				2												
	2	42				8			6	6								
	3	42																
	1	44																
	2	44				8			4	4								
	3	44																
1994	1	40			1	5			1	1								
	2	40			2	6			2	2								
	3	40																
	1	42				4												
	2	42			2	6			2	1								
	3	42																
	1	44				1												
	2	44			1	6			1	1								
	3	44																
1995	1	40																
	2	40				2												
	3	40																
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44				1												
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1												
	2	40				2			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1												
	3	44																
1997	1	40				7												
	2	40			2	9			5	5								
	3	40																
	1	42				3												
	2	42			2	9			5	5								
	3	42																
	1	44				2												
	2	44				8			2	2								
	3	44																
1998	1	40				7												
	2	40			2	14			6	6								
	3	40																
	1	42				4												
	2	42				12			5	5								
	3	42																
	1	44																
	2	44				10			2	2								
	3	44																
1999	1	40				1												
	2	40				1												
	3	40																
	1	42																
	2	42				1												
	3	42																
	1	44																
	2	44				1												
	3	44																
2000	1	40				8			1	1								
	2	40			5	12			7	7								
	3	40																
	1	42				5												
	2	42			3	10			5	4								
	3	42																
	1	44				3												
	2	44				9			2	2								
	3	44																
2001	1	40			2	5			2	2								
	2	40			3	7			6	6								
	3	40																
	1	42			1	2			1									
	2	42			3	7			5	5								
	3	42																
	1	44				1												
	2	44			2	6			2	2								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			2	6			4	6								
	2	40			4	8			8	9								
	3	40																
	1	42				4				4								
	2	42			4	7			6	7								
	3	42																
	1	44				2				2								
	2	44			2	7			5	7								
	3	44																
1991	1	40			1	6			5	7								
	2	40			3	11			12	12								
	3	40																
	1	42				3				3								
	2	42			2	10			10	10								
	3	42																
	1	44				1				1								
	2	44			2	9			8	9								
	3	44																
1992	1	40							3	3								
	2	40				3			4	4								
	3	40																
	1	42																
	2	42				2			4	4								
	3	42																
	1	44																
	2	44				1			4	4								
	3	44																
1993	1	40				5			6	6								
	2	40			2	8			8	8								
	3	40																
	1	42				1			2	2								
	2	42			1	8			8	8								
	3	42																
	1	44																
	2	44			1	8			7	8								
	3	44																
1994	1	40			1	5			1	5								
	2	40			5	6			8	9								
	3	40																
	1	42			1	4			1	4								
	2	42			3	6			5	6								
	3	42																
	1	44				1				1								
	2	44			2	6			3	6								
	3	44																
1995	1	40																
	2	40				2			1	3								
	3	40																
	1	42																
	2	42				2				2								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1			1	1								
	2	40				2			3	4								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40				6			4	6								
	2	40			3	10			10	11								
	3	40																
	1	42				3				3								
	2	42			2	9			7	10								
	3	42																
	1	44				1				1								
	2	44			2	8			6	8								
	3	44																
1998	1	40				7			4	7								
	2	40			5	16			13	16								
	3	40																
	1	42				4				4								
	2	42			3	12			12	13								
	3	42																
	1	44																
	2	44				10			8	12								
	3	44																
1999	1	40				1				1								
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
2000	1	40				8			3	8								
	2	40			6	12			10	13								
	3	40																
	1	42				5			1	5								
	2	42			5	10			9	11								
	3	42																
	1	44				2				2								
	2	44			4	8			8	8								
	3	44																
2001	1	40			3	6			5	6								
	2	40			5	8			8	9								
	3	40																
	1	42			2	2			2	2								
	2	42			3	7			6	7								
	3	42																
	1	44			1	2			1	1								
	2	44			3	7			6	7								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			2	7			4	3								
	2	40			6	11			8	8								
	3	40																
	1	42			1	6			1									
	2	42			4	11			6	6								
	3	42																
	1	44				4												
	2	44			4	8			5	5								
	3	44																
1991	1	40			2	10			5	5								
	2	40			5	13			12	12								
	3	40																
	1	42				8												
	2	42			3	13			10	10								
	3	42																
	1	44				3												
	2	44			2	11			8	8								
	3	44																
1992	1	40				2			3	3								
	2	40				3			4	4								
	3	40																
	1	42																
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				3			4	4								
	3	44																
1993	1	40				8			6	6								
	2	40			4	12			8	8								
	3	40																
	1	42				6			2	2								
	2	42			3	9			8	8								
	3	42																
	1	44				2												
	2	44			1	8			7	7								
	3	44																
1994	1	40			1	6			1	1								
	2	40		1	5	12		1	8	8								
	3	40																
	1	42			1	5			1	1								
	2	42			5	12			5	5								
	3	42																
	1	44				5												
	2	44			3	6			3	3								
	3	44																
1995	1	40				2												
	2	40				3			1	1								
	3	40																
	1	42																
	2	42				3												
	3	42																
	1	44																
	2	44				3												
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1			1	1								
	2	40			1	3			3	3								
	3	40																
	1	42				1												
	2	42				2			1	1								
	3	42																
	1	44																
	2	44				2			1	1								
	3	44																
1997	1	40			2	9			4	4								
	2	40			6	13			10	10								
	3	40																
	1	42				8												
	2	42			3	13			7	7								
	3	42																
	1	44				3												
	2	44			2	10			6	6								
	3	44																
1998	1	40				12			4	4								
	2	40			7	21			13	13								
	3	40																
	1	42				8												
	2	42			4	18			12	12								
	3	42																
	1	44				4												
	2	44			3	18			8	8								
	3	44																
1999	1	40				1												
	2	40			1	3			1	1								
	3	40																
	1	42				1												
	2	42				2			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
2000	1	40			2	10			3	3								
	2	40			8	17			10	10								
	3	40																
	1	42				8			1	1								
	2	42			6	16			9	9								
	3	42																
	1	44				6												
	2	44			5	13			8	8								
	3	44																
2001	1	40			3	7			5	5								
	2	40		1	7	10		1	8	8								
	3	40																
	1	42			2	5			2	2								
	2	42		1	4	9		1	6	6								
	3	42																
	1	44			2	3			1	1								
	2	44		1	3	7		1	6	6								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40				4				4								
	2	40			2	7			6	7								
	3	40																
	1	42				2				2								
	2	42			2	7			4	7								
	3	42																
	1	44				1				1								
	2	44			2	6			4	6								
	3	44																
1991	1	40				3			1	3								
	2	40			2	10			9	10								
	3	40																
	1	42				2				2								
	2	42			2	9			6	9								
	3	42																
	1	44																
	2	44			1	6			5	7								
	3	44																
1992	1	40																
	2	40				1			4	4								
	3	40																
	1	42																
	2	42							4	4								
	3	42																
	1	44																
	2	44							3	3								
	3	44																
1993	1	40				2			2	3								
	2	40			1	8			8	8								
	3	40																
	1	42				1			1	1								
	2	42				7			7	8								
	3	42																
	1	44																
	2	44				4			6	6								
	3	44																
1994	1	40			1	5			1	5								
	2	40			2	6			4	6								
	3	40																
	1	42				2				2								
	2	42			1	5			2	5								
	3	42																
	1	44				1				1								
	2	44			1	5			1	5								
	3	44																
1995	1	40																
	2	40				1				1								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.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.
1996	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40				3			1	3								
	2	40			2	8			6	8								
	3	40																
	1	42				2				2								
	2	42			2	8			5	8								
	3	42																
	1	44																
	2	44				6			4	6								
	3	44																
1998	1	40				4				4								
	2	40			2	10			10	13								
	3	40																
	1	42																
	2	42				8			6	9								
	3	42																
	1	44																
	2	44				7			4	7								
	3	44																
1999	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
2000	1	40				6			1	6								
	2	40			4	9			8	9								
	3	40																
	1	42				3				3								
	2	42			2	8			7	8								
	3	42																
	1	44																
	2	44				8			3	8								
	3	44																
2001	1	40			2	3			2	2								
	2	40			3	7			6	7								
	3	40																
	1	42			2	2			1	1								
	2	42			3	6			6	7								
	3	42																
	1	44				1				1								
	2	44			3	6			5	6								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			1	7			1									
	2	40			4	8			6	6								
	3	40																
	1	42				4												
	2	42			3	8			4	4								
	3	42																
	1	44				2												
	2	44			2	7			4	3								
	3	44																
1991	1	40				9			1	1								
	2	40			3	11			9	9								
	3	40																
	1	42				3												
	2	42			2	11			6	6								
	3	42																
	1	44				2												
	2	44			2	10			5	5								
	3	44																
1992	1	40																
	2	40				3			4	4								
	3	40																
	1	42																
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				1			3	3								
	3	44																
1993	1	40				7			2	2								
	2	40			2	8			8	8								
	3	40																
	1	42				3			1	1								
	2	42			1	8			7	7								
	3	42																
	1	44				1												
	2	44				8			6	6								
	3	44																
1994	1	40			1	5			1	1								
	2	40			4	6			4	4								
	3	40																
	1	42				5												
	2	42			2	6			2	2								
	3	42																
	1	44				2												
	2	44			1	6			1	1								
	3	44																
1995	1	40																
	2	40				3												
	3	40																
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44				2												
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1												
	2	40				2			1	1								
	3	40																
	1	42				1												
	2	42				2			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40				8			1	1								
	2	40			3	10			6	6								
	3	40																
	1	42				4												
	2	42			2	9			5	5								
	3	42																
	1	44				2												
	2	44			2	9			4	4								
	3	44																
1998	1	40				8												
	2	40			4	18			10	10								
	3	40																
	1	42				5												
	2	42			2	14			6	6								
	3	42																
	1	44				2												
	2	44				11			4	4								
	3	44																
1999	1	40				1												
	2	40				1			1	1								
	3	40																
	1	42				1												
	2	42				1												
	3	42																
	1	44																
	2	44				1												
	3	44																
2000	1	40				8			1	1								
	2	40			5	13			8	8								
	3	40																
	1	42				6												
	2	42			4	12			7	7								
	3	42																
	1	44				4												
	2	44			2	10			3	3								
	3	44																
2001	1	40			2	5			2	2								
	2	40			3	7			6	6								
	3	40																
	1	42			2	3			1	1								
	2	42			3	7			6	6								
	3	42																
	1	44				1												
	2	44			3	7			5	5								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			2	7			4	7								
	2	40			6	8			10	10								
	3	40																
	1	42			1	4			2	4								
	2	42			4	8			8	9								
	3	42																
	1	44				2				2								
	2	44			4	7			6	7								
	3	44																
1991	1	40			2	9			6	9								
	2	40			4	11			13	13								
	3	40																
	1	42				3			4	5								
	2	42			3	10			11	11								
	3	42																
	1	44				2				2								
	2	44			2	10			10	10								
	3	44																
1992	1	40							4	4								
	2	40				3			4	4								
	3	40																
	1	42																
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				1			4	4								
	3	44																
1993	1	40				7			7	8								
	2	40			4	8			8	8								
	3	40																
	1	42				3			4	5								
	2	42			2	8			8	8								
	3	42																
	1	44				1			1	1								
	2	44			1	8			8	8								
	3	44																
1994	1	40			1	5			2	5								
	2	40			5	6			10	11								
	3	40																
	1	42			1	5			1	5								
	2	42			5	6			7	8								
	3	42																
	1	44				2			1	2								
	2	44			2	6			5	6								
	3	44																
1995	1	40																
	2	40				2			3	3								
	3	40																
	1	42																
	2	42				2				2								
	3	42																
	1	44																
	2	44				2				2								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1			1	1								
	2	40			1	2			3	4								
	3	40																
	1	42				1				1								
	2	42				2			1	2								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40			2	8			5	8								
	2	40			5	10			11	12								
	3	40																
	1	42				3			2	4								
	2	42			3	9			9	10								
	3	42																
	1	44				2				2								
	2	44			2	9			7	10								
	3	44																
1998	1	40				8			6	9								
	2	40			7	18			14	18								
	3	40																
	1	42				5			1	5								
	2	42			5	14			13	14								
	3	42																
	1	44				2				2								
	2	44			2	10			12	13								
	3	44																
1999	1	40				1				1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
2000	1	40			2	8			6	8								
	2	40			8	13			11	13								
	3	40																
	1	42				6			1	6								
	2	42			6	12			10	13								
	3	42																
	1	44				4				4								
	2	44			5	10			9	11								
	3	44																
2001	1	40			3	6			6	7								
	2	40			6	8			9	9								
	3	40																
	1	42			2	3			2	2								
	2	42			4	7			8	9								
	3	42																
	1	44			2	2			1	1								
	2	44			3	7			6	7								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			2	8			4	4								
	2	40			6	12			10	10								
	3	40																
	1	42			2	7			3	2								
	2	42			6	11			8	8								
	3	42																
	1	44				6												
	2	44			4	9			6	6								
	3	44																
1991	1	40			2	10			6	6								
	2	40			8	14			13	13								
	3	40																
	1	42			1	9			4	4								
	2	42			4	13			11	11								
	3	42																
	1	44				4												
	2	44			3	13			10	10								
	3	44																
1992	1	40				3			4	4								
	2	40				4			4	4								
	3	40																
	1	42				1												
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				3			4	4								
	3	44																
1993	1	40			1	8			7	7								
	2	40			6	15			8	8								
	3	40																
	1	42				8			4	4								
	2	42			4	12			8	8								
	3	42																
	1	44				4			1	1								
	2	44			2	9			8	8								
	3	44																
1994	1	40			2	6			2	2								
	2	40		1	5	13		1	10	10								
	3	40																
	1	42			1	6			1	1								
	2	42			5	12			7	7								
	3	42																
	1	44				5			1	1								
	2	44			5	11			5	5								
	3	44																
1995	1	40				2												
	2	40				3			3	3								
	3	40																
	1	42																
	2	42				3												
	3	42																
	1	44																
	2	44				3												
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				2			1	1								
	2	40			1	3			3	3								
	3	40																
	1	42				1												
	2	42			1	3			1	1								
	3	42																
	1	44				1												
	2	44				2			1	1								
	3	44																
1997	1	40			2	9			5	5								
	2	40			8	14			11	11								
	3	40																
	1	42				8			2	2								
	2	42			5	13			9	9								
	3	42																
	1	44				5												
	2	44			3	12			7	7								
	3	44																
1998	1	40			2	13			6	6								
	2	40			9	21			14	14								
	3	40																
	1	42				10			1	1								
	2	42			7	20			13	13								
	3	42																
	1	44				6												
	2	44			4	18			12	12								
	3	44																
1999	1	40				1												
	2	40			1	3			1	1								
	3	40																
	1	42				1												
	2	42			1	3			1	1								
	3	42																
	1	44				1												
	2	44				2			1	1								
	3	44																
2000	1	40			4	12			6	6								
	2	40			8	17			11	11								
	3	40																
	1	42				8			1	1								
	2	42			8	16			10	10								
	3	42																
	1	44				8												
	2	44			6	15			9	9								
	3	44																
2001	1	40			3	7			6	6								
	2	40		1	7	10		1	9	9								
	3	40																
	1	42			2	6			2	2								
	2	42		1	6	9		1	8	8								
	3	42																
	1	44			2	4			1	1								
	2	44			4	8			6	6								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(15)

City	Liverpool	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	7			4	7								
	2	40			6	9			10	11								
	3	40																
	1	42			1	4			2	4								
	2	42			4	8			8	9								
	3	42																
	1	44				3				3								
	2	44			4	7			6	7								
	3	44																
1991	1	40			2	9			7	9								
	2	40			5	11			13	13								
	3	40																
	1	42				3			4	5								
	2	42			3	11			12	12								
	3	42																
	1	44				2				2								
	2	44			2	10			10	10								
	3	44																
1992	1	40							4	4								
	2	40				3			4	4								
	3	40																
	1	42							1	1								
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				2			4	4								
	3	44																
1993	1	40				7			7	8								
	2	40			4	8			8	8								
	3	40																
	1	42				3			4	5								
	2	42			3	8			8	8								
	3	42																
	1	44				1			1	1								
	2	44			1	8			8	8								
	3	44																
1994	1	40			2	5			2	5								
	2	40			5	7			11	12								
	3	40																
	1	42			1	5			1	5								
	2	42			5	6			8	9								
	3	42																
	1	44				2			1	2								
	2	44			4	6			5	6								
	3	44																
1995	1	40																
	2	40				3			3	3								
	3	40																
	1	42																
	2	42				2			1	3								
	3	42																
	1	44																
	2	44				2				2								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(15)

City	Liverpool	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				1			1	1								
	2	40			1	2			3	4								
	3	40																
	1	42				1				1								
	2	42			1	2			3	4								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40			2	8			5	8								
	2	40			6	10			11	12								
	3	40																
	1	42				4			2	5								
	2	42			3	10			10	11								
	3	42																
	1	44				2				2								
	2	44			2	9			7	10								
	3	44																
1998	1	40				10			6	11								
	2	40			7	19			16	19								
	3	40																
	1	42				6			2	6								
	2	42			6	17			13	17								
	3	42																
	1	44				2				2								
	2	44			3	12			12	13								
	3	44																
1999	1	40				1				1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
2000	1	40			3	8			7	8								
	2	40			8	14			12	14								
	3	40																
	1	42				7			2	7								
	2	42			6	12			10	13								
	3	42																
	1	44				4				4								
	2	44			5	10			9	11								
	3	44																
2001	1	40			3	6			6	7								
	2	40			7	9			10	10								
	3	40																
	1	42			2	3			2	2								
	2	42			4	7			8	9								
	3	42																
	1	44			2	2			1	1								
	2	44			3	7			6	7								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(15a)

City	Liverpool	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			3	8			4	4								
	2	40			6	13			10	10								
	3	40																
	1	42			2	7			3	2								
	2	42			6	11			8	8								
	3	42																
	1	44				6												
	2	44			4	10			6	6								
	3	44																
1991	1	40			2	11			7	7								
	2	40			8	14			13	13								
	3	40																
	1	42			1	10			4	4								
	2	42			5	13			12	12								
	3	42																
	1	44				5												
	2	44			3	13			10	10								
	3	44																
1992	1	40				3			4	4								
	2	40				4			4	4								
	3	40																
	1	42				1			1	1								
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				3			4	4								
	3	44																
1993	1	40			1	8			7	7								
	2	40			6	15			8	8								
	3	40																
	1	42				8			4	4								
	2	42			4	12			8	8								
	3	42																
	1	44				4			1	1								
	2	44			3	9			8	8								
	3	44																
1994	1	40			2	6			2	2								
	2	40		1	5	13		1	11	11								
	3	40																
	1	42			1	6			1	1								
	2	42			5	12			8	8								
	3	42																
	1	44			1	5			1	1								
	2	44			5	11			5	5								
	3	44																
1995	1	40				2												
	2	40				3			3	3								
	3	40																
	1	42				1												
	2	42				3			1	1								
	3	42																
	1	44																
	2	44				3												
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(15a)

City	Liverpool	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				2			1	1								
	2	40			1	3			3	3								
	3	40																
	1	42				1												
	2	42			1	3			3	3								
	3	42																
	1	44				1												
	2	44			1	2			1	1								
	3	44																
1997	1	40			2	10			5	5								
	2	40			8	14			11	11								
	3	40																
	1	42				8			2	2								
	2	42			6	13			10	10								
	3	42																
	1	44				6												
	2	44			3	13			7	7								
	3	44																
1998	1	40			2	16			6	6								
	2	40			9	21			16	16								
	3	40																
	1	42				10			2	2								
	2	42			7	21			13	13								
	3	42																
	1	44				6												
	2	44			5	18			12	12								
	3	44																
1999	1	40				1												
	2	40			1	4			1	1								
	3	40																
	1	42				1												
	2	42			1	3			1	1								
	3	42																
	1	44				1												
	2	44				2			1	1								
	3	44																
2000	1	40			4	12			7	7								
	2	40			8	17			12	12								
	3	40																
	1	42				9			2	2								
	2	42			8	16			10	10								
	3	42																
	1	44				8												
	2	44			6	15			9	9								
	3	44																
2001	1	40			3	7			6	6								
	2	40		1	7	10		1	10	10								
	3	40																
	1	42			2	6			2	2								
	2	42		1	6	9		1	8	8								
	3	42																
	1	44			2	5			1	1								
	2	44		1	4	8		1	6	6								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(16)

City	Liverpool	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		1	8	13		1	15	15								
	2	40		4	12	16		4	20	20							5	5
	3	40																
	1	42			7	11			12	13								
	2	42		3	11	16		3	17	17							2	2
	3	42																
	1	44			6	8			10	10								
	2	44		2	9	16		2	17	17								
	3	44																
1991	1	40			11	18			19	21								
	2	40		3	14	28		3	31	35	1	1	1	1	2	2	8	8
	3	40																
	1	42			9	13			14	15								
	2	42		2	13	21		2	26	27			1	1	1	1	5	5
	3	42																
	1	44			4	11			13	13								
	2	44		2	13	19		2	20	22							1	1
	3	44																
1992	1	40			4	5			6	6					1	1	1	1
	2	40			5	9	1	1	8	9	1	1	1	1	3	3	6	6
	3	40																
	1	42			2	3			4	4								
	2	42			4	6	1	1	8	9	1	1	1	1	1	1	4	4
	3	42																
	1	44				3			4	4								
	2	44			4	5	1	1	8	8	1	1	1	1	1	1	1	1
	3	44																
1993	1	40			8	15			18	19								
	2	40		1	15	20	2	2	29	29			1	1	4	4	9	9
	3	40																
	1	42			8	12			11	14								
	2	42		1	12	20		1	25	25					1	1	5	5
	3	42																
	1	44			4	8			8	8								
	2	44			9	20			20	22							3	3
	3	44																
1994	1	40		1	6	15		1	19	21								
	2	40	1	4	13	22	1	4	24	25					1	1	2	3
	3	40																
	1	42			6	12			14	16								
	2	42		2	12	20		2	24	25							1	1
	3	42																
	1	44			5	6			10	11								
	2	44		1	11	19		1	22	22							1	1
	3	44																
1995	1	40			4	6			3	4								
	2	40			5	7			9	11								
	3	40																
	1	42				3			3	3								
	2	42			5	7			7	9								
	3	42																
	1	44				2			3	3								
	2	44			5	6			7	8								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(16)

City	Liverpool	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			2	7			8	9								
	2	40			3	8			10	10							2	2
	3	40																
	1	42			1	3			6	6								
	2	42			3	7			10	10								
	3	42																
	1	44			1	2			3	4								
	2	44			2	7			10	10								
	3	44																
1997	1	40			9	18			19	21								
	2	40		3	14	20		3	27	27							5	5
	3	40																
	1	42			8	13			14	14								
	2	42		2	13	20		2	22	22							2	2
	3	42																
	1	44			5	10			11	12								
	2	44		2	12	19		2	21	21								
	3	44																
1998	1	40			15	24			26	28								
	2	40		4	21	34	1	5	41	43	1	1	1	1	1	1	5	5
	3	40																
	1	42			11	21			22	23								
	2	42		2	20	29	1	3	37	38	1	1	1	1	1	1	2	2
	3	42																
	1	44			7	18			14	18								
	2	44			19	28			29	32	1	1	1	1	1	1	1	1
	3	44																
1999	1	40			2	7			14	14								
	2	40			4	19			19	21								
	3	40																
	1	42			1	3			9	9								
	2	42			4	18			17	19								
	3	42																
	1	44			1	1			1	1								
	2	44			3	15			16	18								
	3	44																
2000	1	40			12	21			20	23								
	2	40		5	17	26		5	28	28							4	5
	3	40																
	1	42			8	17			16	19								
	2	42		4	16	24		4	25	26							1	1
	3	42																
	1	44			8	13			11	13								
	2	44		2	15	22		2	25	26							1	1
	3	44																
2001	1	40		1	8	11		1	15	15							1	1
	2	40	4	4	10	15	1	1	16	17					2	2	7	7
	3	40																
	1	42		1	8	10		1	12	12								
	2	42	2	2	10	14	1	1	16	16					1	1	3	3
	3	42																
	1	44			6	8			9	9								
	2	44		1	9	12		1	16	16							2	2
	3	44																

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(Predicted dangerous days - 1990 - 2001)

Table - 12(16a)

City	Liverpool	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		3	8	16		3	15	15								
	2	40	1	7	13	23	1	7	20	20		4		4		7	5	5
	3	40																
	1	42		2	7	13		2	12	12								
	2	42		6	12	20		6	17	17				1		4	2	2
	3	42																
	1	44			6	12			10	10								
	2	44		4	11	16		4	17	17								
	3	44																
1991	1	40		2	11	21		2	19	19								
	2	40		9	17	34		9	31	31	1	4	1	4	2	12	8	8
	3	40																
	1	42		1	10	18		1	14	14								
	2	42		5	14	33		5	26	26			1	3	1	4	5	5
	3	42																
	1	44			7	14			13	13								
	2	44		3	13	29		3	20	20							1	1
	3	44																
1992	1	40			4	6			6	6					1	1	1	1
	2	40		1	5	13	1	2	8	8	1	1	1	1	3	5	6	6
	3	40																
	1	42			2	5			4	4								
	2	42			5	10	1	1	8	8	1	1	1	1	1	1	4	4
	3	42																
	1	44				4			4	4								
	2	44			4	9	1	1	8	8	1	1	1	1	1	1	1	1
	3	44																
1993	1	40		1	8	20		1	18	18								
	2	40		8	15	25	2	9	29	29		2	1	4	4	10	9	9
	3	40																
	1	42			8	15			11	11								
	2	42		4	15	23		4	25	25		1		1	1	3	5	5
	3	42																
	1	44			5	15			8	8								
	2	44		3	12	23		3	20	20						1	3	3
	3	44																
1994	1	40		2	6	20		2	19	19								
	2	40	1	5	14	24	1	5	24	24		2		5	1	6	2	2
	3	40																
	1	42		1	6	16		1	14	14								
	2	42	1	5	13	24	1	5	24	24		1		1		3	1	1
	3	42																
	1	44		1	5	13		1	10	10								
	2	44		5	12	23		5	22	22				1		1	1	1
	3	44																
1995	1	40			5	7			3	3								
	2	40			5	12			9	9						2		
	3	40																
	1	42			2	4			3	3								
	2	42			5	10			7	7								
	3	42																
	1	44				3			3	3								
	2	44			5	10			7	7								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(16a)

City	Liverpool	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			2	7			8	8								
	2	40		1	5	13		1	10	10						1	2	2
	3	40																
	1	42			1	7			6	6								
	2	42		1	3	10		1	10	10								
	3	42																
	1	44			1	3			3	3								
	2	44			3	9			10	10								
	3	44																
1997	1	40		2	10	20		2	19	19								
	2	40		8	17	27		8	27	27		2		4		9	5	5
	3	40																
	1	42			9	19			14	14								
	2	42		6	14	24		6	22	22		1		2		2	2	2
	3	42																
	1	44			8	14			11	11								
	2	44		3	13	22		3	21	21						1		
	3	44																
1998	1	40		2	19	29		2	26	26								
	2	40		10	24	43	1	11	41	41	1	5	1	6	1	14	5	5
	3	40																
	1	42			12	25			22	22								
	2	42		6	21	40	1	7	37	37	1	1	1	1	1	5	2	2
	3	42																
	1	44			9	21			14	14								
	2	44		5	20	36		5	29	29	1	1	1	1	1	1	1	1
	3	44																
1999	1	40			2	18			14	14								
	2	40		1	7	24		1	19	19				1		1		
	3	40																
	1	42			1	7			9	9								
	2	42		1	4	23		1	17	17								
	3	42																
	1	44			1	3			1	1								
	2	44			4	22			16	16								
	3	44																
2000	1	40		4	13	24		4	20	20								
	2	40		9	20	29		9	28	28		5		6		10	4	4
	3	40																
	1	42			10	22			16	16								
	2	42		8	17	28		8	25	25				1		5	1	1
	3	42																
	1	44			8	17			11	11								
	2	44		6	16	27		6	25	25							1	1
	3	44																
2001	1	40		1	8	14		1	15	15							1	1
	2	40	4	7	11	16	1	6	16	16		1		2	2	6	7	7
	3	40																
	1	42		1	8	11		1	12	12								
	2	42	2	5	10	16	1	4	16	16		1		1	1	1	3	3
	3	42																
	1	44		1	7	10		1	9	9								
	2	44	1	2	10	16	1	2	16	16				1		1	2	2
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40				4				4								
	2	40			2	7			5	7								
	3	40																
	1	42				2				2								
	2	42			2	6			4	6								
	3	42																
	1	44				1				1								
	2	44			1	6			3	6								
	3	44																
1991	1	40				3				3								
	2	40			2	9			8	9								
	3	40																
	1	42				1				1								
	2	42			1	6			6	7								
	3	42																
	1	44																
	2	44				4			4	5								
	3	44																
1992	1	40																
	2	40							4	4								
	3	40																
	1	42																
	2	42							4	4								
	3	42																
	1	44																
	2	44							3	3								
	3	44																
1993	1	40				1			2	2								
	2	40			1	8			7	8								
	3	40																
	1	42																
	2	42				5			6	6								
	3	42																
	1	44																
	2	44				4			5	6								
	3	44																
1994	1	40			1	4			1	4								
	2	40			2	5			3	5								
	3	40																
	1	42				1				1								
	2	42			1	5			1	5								
	3	42																
	1	44				1				1								
	2	44			1	5			1	5								
	3	44																
1995	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40				3				3								
	2	40			2	8			5	8								
	3	40																
	1	42				1				1								
	2	42				8			5	8								
	3	42																
	1	44																
	2	44				5			3	6								
	3	44																
1998	1	40				4				4								
	2	40				10			6	11								
	3	40																
	1	42																
	2	42				8			5	8								
	3	42																
	1	44																
	2	44				6			3	6								
	3	44																
1999	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
2000	1	40				5			1	5								
	2	40			3	8			7	8								
	3	40																
	1	42				2				2								
	2	42			1	8			5	8								
	3	42																
	1	44																
	2	44				8			2	8								
	3	44																
2001	1	40			2	2			2	2								
	2	40			3	7			6	7								
	3	40																
	1	42				1			1	1								
	2	42			3	6			5	6								
	3	42																
	1	44				1				1								
	2	44			2	4			3	4								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			1	6			1									
	2	40			4	8			5	5								
	3	40																
	1	42				4												
	2	42			2	8			4	4								
	3	42																
	1	44				2												
	2	44			2	7			4	3								
	3	44																
1991	1	40				6												
	2	40			2	11			8	8								
	3	40																
	1	42				3												
	2	42			2	10			6	6								
	3	42																
	1	44				2												
	2	44			1	10			4	4								
	3	44																
1992	1	40																
	2	40				3			4	4								
	3	40																
	1	42																
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				1			3	3								
	3	44																
1993	1	40				5			2	2								
	2	40			1	8			7	7								
	3	40																
	1	42				2												
	2	42			1	8			6	6								
	3	42																
	1	44				1												
	2	44				8			5	5								
	3	44																
1994	1	40			1	5			1	1								
	2	40			3	6			3	3								
	3	40																
	1	42				5												
	2	42			2	6			2	1								
	3	42																
	1	44				2												
	2	44			1	6			1	1								
	3	44																
1995	1	40																
	2	40				2												
	3	40																
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44				2												
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1												
	2	40				2			1	1								
	3	40																
	1	42																
	2	42				2			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40				8												
	2	40			2	10			5	5								
	3	40																
	1	42				3												
	2	42			2	9			5	5								
	3	42																
	1	44				2												
	2	44				9			3	3								
	3	44																
1998	1	40				8												
	2	40			3	16			6	6								
	3	40																
	1	42				4												
	2	42				12			5	5								
	3	42																
	1	44																
	2	44				10			3	3								
	3	44																
1999	1	40				1												
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1												
	3	42																
	1	44																
	2	44				1												
	3	44																
2000	1	40				8			1	1								
	2	40			5	13			7	7								
	3	40																
	1	42				6												
	2	42			4	10			5	5								
	3	42																
	1	44				3												
	2	44			1	10			2	2								
	3	44																
2001	1	40			2	5			2	2								
	2	40			3	7			6	6								
	3	40																
	1	42			1	2			1	1								
	2	42			3	7			5	5								
	3	42																
	1	44				1												
	2	44			2	6			3	3								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			4	8			6	8								
	2	40			7	11			11	13								
	3	40																
	1	42			2	6			4	6								
	2	42			6	10			11	13								
	3	42																
	1	44			1	4			2	4								
	2	44			6	8			10	10								
	3	44																
1991	1	40			3	10			10	10								
	2	40			9	13			14	15								
	3	40																
	1	42			1	8			6	8								
	2	42			7	13			13	14								
	3	42																
	1	44				3			4	5								
	2	44			4	11			13	13								
	3	44																
1992	1	40				2			4	4								
	2	40			2	3			4	4								
	3	40																
	1	42							4	4								
	2	42				3			4	4								
	3	42																
	1	44																
	2	44				3			4	4								
	3	44																
1993	1	40			1	8			8	8								
	2	40			8	12			11	14								
	3	40																
	1	42				6			7	8								
	2	42			5	9			10	11								
	3	42																
	1	44				3			3	5								
	2	44			4	8			8	8								
	3	44																
1994	1	40			4	6			5	6								
	2	40			6	12			14	16								
	3	40																
	1	42			1	5			2	5								
	2	42			5	12			12	14								
	3	42																
	1	44			1	5			1	5								
	2	44			5	6			10	11								
	3	44																
1995	1	40				2				2								
	2	40				3			3	3								
	3	40																
	1	42																
	2	42				3			3	3								
	3	42																
	1	44																
	2	44				2			3	3								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40				1			1	1								
	2	40			1	3			5	5								
	3	40																
	1	42				1			1	1								
	2	42			1	2			4	4								
	3	42																
	1	44				1				1								
	2	44			1	2			3	4								
	3	44																
1997	1	40			3	9			7	10								
	2	40			8	13			12	13								
	3	40																
	1	42			1	8			5	8								
	2	42			8	13			12	13								
	3	42																
	1	44				3			2	4								
	2	44			5	10			11	12								
	3	44																
1998	1	40			4	12			13	13								
	2	40			11	21			21	23								
	3	40																
	1	42				8			6	9								
	2	42			9	19			17	19								
	3	42																
	1	44				5			1	5								
	2	44			7	18			14	18								
	3	44																
1999	1	40				1			1	1								
	2	40			1	3			8	8								
	3	40																
	1	42				1				1								
	2	42			1	2			3	3								
	3	42																
	1	44																
	2	44			1	1			1	1								
	3	44																
2000	1	40			5	10			9	11								
	2	40			8	16			16	18								
	3	40																
	1	42			2	8			6	8								
	2	42			8	15			13	15								
	3	42																
	1	44				6			1	6								
	2	44			8	13			11	13								
	3	44																
2001	1	40			3	7			6	7								
	2	40		1	8	10		1	12	12								
	3	40																
	1	42			3	6			6	7								
	2	42		1	7	10		1	10	10								
	3	42																
	1	44			2	3			2	2								
	2	44			6	8			9	9								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1990	1	40			4	10			6	6								
	2	40		2	7	13		2	11	11								
	3	40																
	1	42			2	8			4	4								
	2	42		1	7	13		1	11	11								
	3	42																
	1	44			2	7			3	2								
	2	44			6	12			10	10								
	3	44																
1991	1	40			3	13			10	10								
	2	40		1	10	18		1	14	14								
	3	40																
	1	42			2	10			6	6								
	2	42			9	16			13	13								
	3	42																
	1	44			1	9			4	4								
	2	44			7	14			13	13								
	3	44																
1992	1	40				3			4	4								
	2	40			2	5			4	4								
	3	40																
	1	42				3			4	4								
	2	42			1	5			4	4								
	3	42																
	1	44				1												
	2	44				4			4	4								
	3	44																
1993	1	40			3	9			8	8								
	2	40			8	15			11	11								
	3	40																
	1	42			1	8			7	7								
	2	42			8	15			10	10								
	3	42																
	1	44				8			3	3								
	2	44			5	15			8	8								
	3	44																
1994	1	40			5	12			5	5								
	2	40		1	6	16		1	14	14								
	3	40																
	1	42			2	6			2	2								
	2	42		1	6	13		1	12	12								
	3	42																
	1	44			1	6			1	1								
	2	44		1	5	13		1	10	10								
	3	44																
1995	1	40				3												
	2	40			2	4			3	3								
	3	40																
	1	42				2												
	2	42				3			3	3								
	3	42																
	1	44																
	2	44				3			3	3								
	3	44																

APPENDIX - 12
(Predicted dangerous days - 1990 - 2001)

Table - 12(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.
1996	1	40			1	2			1	1								
	2	40			1	7			5	5								
	3	40																
	1	42				2			1	1								
	2	42			1	5			4	4								
	3	42																
	1	44				1												
	2	44			1	3			3	3								
	3	44																
1997	1	40			3	13			7	7								
	2	40			9	19			12	12								
	3	40																
	1	42			2	9			5	5								
	2	42			8	17			12	12								
	3	42																
	1	44				8			2	2								
	2	44			8	14			11	11								
	3	44																
1998	1	40			5	18			13	13								
	2	40			12	25			21	21								
	3	40																
	1	42			2	13			6	6								
	2	42			11	24			17	17								
	3	42																
	1	44				10			1	1								
	2	44			9	21			14	14								
	3	44																
1999	1	40			1	2			1	1								
	2	40			1	7			8	8								
	3	40																
	1	42				1												
	2	42			1	6			3	3								
	3	42																
	1	44				1												
	2	44			1	3			1	1								
	3	44																
2000	1	40			6	15			9	9								
	2	40			10	22			16	16								
	3	40																
	1	42			4	12			6	6								
	2	42			8	19			13	13								
	3	42																
	1	44				8			1	1								
	2	44			8	17			11	11								
	3	44																
2001	1	40		1	4	9		1	6	6								
	2	40		1	8	11		1	12	12								
	3	40																
	1	42			3	7			6	6								
	2	42		1	8	11		1	10	10								
	3	42																
	1	44			2	6			2	2								
	2	44		1	7	10		1	9	9								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				1				1								
	2	40				2				2								
	3	40				1				1								
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1991	1	40			2	5			2	5								
	2	40			5	7			5	7								
	3	40			2	3			3	3								
	1	42				5				5								
	2	42			5	7			5	7								
	3	42			2	3			3	3								
	1	44				3				3								
	2	44			5	6			5	6								
	3	44			1	3			3	3								
1992	1	40				1				1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1993	1	40			1	4			2	4								
	2	40			2	6			7	7								
	3	40				2			1	2								
	1	42				2				2								
	2	42			1	5			5	5								
	3	42				2			1	2								
	1	44				1				1								
	2	44			1	5			2	5								
	3	44				2			1	2								
1994	1	40				3				3								
	2	40				4			2	4								
	3	40				3				3								
	1	42																
	2	42				4			2	4								
	3	42				3				3								
	1	44																
	2	44				4				4								
	3	44				1				1								
1995	1	40				1				1								
	2	40			1	3			3	3								
	3	40																
	1	42				1				1								
	2	42			1	3			2	3								
	3	42																
	1	44																
	2	44			1	1			1	1								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1				1								
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1997	1	40				9			1	9								
	2	40			6	11			10	11								
	3	40			1	6			4	6								
	1	42				6				6								
	2	42			5	11			7	11								
	3	42				5			3	5								
	1	44				1				1								
	2	44			2	10			4	10								
	3	44				4			2	4								
1998	1	40				6				6								
	2	40			6	12			6	12								
	3	40			1	2			1	2								
	1	42				4				4								
	2	42			5	11			5	10								
	3	42				2			1	2								
	1	44				2				2								
	2	44			4	9			3	8								
	3	44				2			1	2								
1999	1	40																
	2	40				4			2	4								
	3	40																
	1	42																
	2	42				3			1	3								
	3	42																
	1	44																
	2	44				2				2								
	3	44																
2000	1	40				4				4								
	2	40			1	8			4	8								
	3	40				3			1	3								
	1	42				1				1								
	2	42			1	7			2	7								
	3	42				3			1	3								
	1	44																
	2	44				6			1	6								
	3	44				1			1	1								
2001	1	40				1				1								
	2	40				5			3	5								
	3	40							1	1								
	1	42																
	2	42				4			1	4								
	3	42																
	1	44																
	2	44				4				4								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				1												
	2	40			1	7			1									
	3	40				1												
	1	42				1												
	2	42				6												
	3	42				1												
	1	44																
	2	44				4												
	3	44				1												
1991	1	40			3	7			3	1								
	2	40			5	9			5	5								
	3	40			2	4			3	3								
	1	42				5												
	2	42			5	8			5	5								
	3	42			2	3			3	3								
	1	44				5												
	2	44			5	8			5	4								
	3	44			2	3			3	3								
1992	1	40				1												
	2	40			1	2			1	1								
	3	40																
	1	42				1												
	2	42			1	1			1									
	3	42																
	1	44				1												
	2	44			1	1			1									
	3	44																
1993	1	40			1	5			2	2								
	2	40			2	7			7	7								
	3	40				3			1	1								
	1	42				5												
	2	42			2	6			5	5								
	3	42				2			1	1								
	1	44				2												
	2	44			1	6			2	2								
	3	44				2			1	1								
1994	1	40				4												
	2	40			3	7			3	2								
	3	40				4												
	1	42				4												
	2	42				7			2	2								
	3	42				3												
	1	44																
	2	44				5												
	3	44				3												
1995	1	40				3												
	2	40			1	4			3	3								
	3	40				1												
	1	42				1												
	2	42			1	4			2	2								
	3	42																
	1	44				1												
	2	44			1	4			1	1								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1												
	2	40			1	1			1	1								
	3	40																
	1	42				1												
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1												
	3	44																
1997	1	40			1	11			1	1								
	2	40			8	13			10	10								
	3	40			3	7			4	4								
	1	42				9												
	2	42			7	13			7	7								
	3	42			2	7			3	3								
	1	44				6												
	2	44			5	11			5	3								
	3	44			1	6			2	2								
1998	1	40			2	10			2									
	2	40			7	13			7	6								
	3	40			1	5			1	1								
	1	42				7												
	2	42			6	12			6	5								
	3	42			1	4			1	1								
	1	44				5												
	2	44			5	12			4	2								
	3	44			1	3			1	1								
1999	1	40				3												
	2	40				5			2	2								
	3	40																
	1	42				1												
	2	42				5			1	1								
	3	42																
	1	44																
	2	44				5												
	3	44																
2000	1	40				7												
	2	40			3	10			5	4								
	3	40				5			1	1								
	1	42				5												
	2	42			1	9			2	2								
	3	42				5			1	1								
	1	44				1												
	2	44			1	9			1	1								
	3	44				4			1	1								
2001	1	40				4												
	2	40			1	11			3	3								
	3	40				1			1	1								
	1	42				2												
	2	42				8			1	1								
	3	42				1												
	1	44																
	2	44				5												
	3	44				1												

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				1				1								
	2	40			1	7			3	7								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	6			3	7								
	3	42				1			1	1								
	1	44																
	2	44				4			2	4								
	3	44				1			1	1								
1991	1	40			5	7			5	7								
	2	40			5	9			8	9								
	3	40			3	4			4	4								
	1	42			3	5			4	5								
	2	42			5	8			7	8								
	3	42			2	3			4	4								
	1	44				5				5								
	2	44			5	8			6	8								
	3	44			2	3			4	4								
1992	1	40			1	1			1	1								
	2	40			1	2			1	2								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44				1				1								
	2	44			1	1			1	1								
	3	44																
1993	1	40			1	5			6	6								
	2	40			5	7			9	9								
	3	40			1	3			3	3								
	1	42			1	5			2	5								
	2	42			5	6			9	9								
	3	42				2			3	3								
	1	44				2			1	2								
	2	44			2	6			8	8								
	3	44				2			3	3								
1994	1	40				4			2	4								
	2	40			4	7			5	7								
	3	40			1	4			3	4								
	1	42				4				4								
	2	42			4	7			4	7								
	3	42			1	3			3	3								
	1	44																
	2	44			1	5			4	5								
	3	44				3			2	3								
1995	1	40			1	3			2	3								
	2	40			1	4			4	4								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	4			4	4								
	3	42																
	1	44				1				1								
	2	44			1	4			4	4								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1			1	1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44																
	2	44			1	1			1	1								
	3	44																
1997	1	40			5	11			7	11								
	2	40			10	13			14	14								
	3	40			3	7			7	7								
	1	42			1	9			3	9								
	2	42			9	13			13	13								
	3	42			3	7			6	7								
	1	44				7				7								
	2	44			8	11			10	11								
	3	44			3	7			6	7								
1998	1	40			5	11			6	10								
	2	40			9	13			11	13								
	3	40			2	5			2	5								
	1	42			2	7			3	7								
	2	42			8	12			9	12								
	3	42			2	4			2	4								
	1	44				5				5								
	2	44			7	12			7	12								
	3	44			2	3			2	3								
1999	1	40				3			2	3								
	2	40			2	5			4	5								
	3	40																
	1	42				2				2								
	2	42				5			3	5								
	3	42																
	1	44																
	2	44				5			3	5								
	3	44																
2000	1	40			1	7			2	7								
	2	40			6	10			7	10								
	3	40			1	5			3	5								
	1	42				5				5								
	2	42			5	9			7	9								
	3	42			1	5			3	5								
	1	44				1				1								
	2	44			3	9			6	9								
	3	44			1	4			3	4								
2001	1	40				4			1	4								
	2	40			3	11			6	11								
	3	40				1			1	1								
	1	42				2				2								
	2	42			1	8			6	8								
	3	42				1			1	1								
	1	44																
	2	44			1	5			5	6								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				6												
	2	40			1	7			3	3								
	3	40				1			1	1								
	1	42				2												
	2	42			1	7			3	3								
	3	42				1			1	1								
	1	44				1												
	2	44			1	7			2	2								
	3	44				1			1	1								
1991	1	40			5	8			5	5								
	2	40			7	12			8	8								
	3	40			3	5			4	4								
	1	42			5	7			5	2								
	2	42			5	11			7	7								
	3	42			3	4			4	4								
	1	44			1	5			1									
	2	44			5	10			6	6								
	3	44			2	4			4	4								
1992	1	40			1	1			1									
	2	40			1	3			1	1								
	3	40																
	1	42				1												
	2	42			1	3			1	1								
	3	42																
	1	44				1												
	2	44			1	2			1	1								
	3	44																
1993	1	40			2	6			6	6								
	2	40			5	10			9	9								
	3	40			2	3			3	3								
	1	42			1	6			2	2								
	2	42			5	10			9	9								
	3	42			2	3			3	3								
	1	44				5			1	1								
	2	44			5	9			8	8								
	3	44			1	3			3	3								
1994	1	40				7			2	2								
	2	40			4	9			5	5								
	3	40			1	4			3	3								
	1	42				4												
	2	42			4	9			4	4								
	3	42			1	4			3	3								
	1	44				4												
	2	44			4	8			4	4								
	3	44			1	4			2	2								
1995	1	40			1	4			2	2								
	2	40			3	8			4	4								
	3	40				1			1	1								
	1	42			1	3			1									
	2	42			1	5			4	4								
	3	42				1												
	1	44				1												
	2	44			1	4			4	4								
	3	44				1												

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1			1	1								
	2	40			1	1			1	1								
	3	40																
	1	42				1												
	2	42			1	1			1	1								
	3	42																
	1	44				1												
	2	44			1	1			1	1								
	3	44																
1997	1	40			7	13			7	7								
	2	40			10	16			14	14								
	3	40			5	10			7	7								
	1	42			3	11			5	3								
	2	42			10	16			13	13								
	3	42			3	8			6	6								
	1	44				10												
	2	44			9	16			10	10								
	3	44			3	7			6	6								
1998	1	40			6	12			6	6								
	2	40			11	14			11	11								
	3	40			2	5			2	2								
	1	42			4	12			4	1								
	2	42			9	14			10	9								
	3	42			2	5			2	2								
	1	44				8												
	2	44			8	13			8	6								
	3	44			2	5			2	2								
1999	1	40				5			2	2								
	2	40			3	9			4	4								
	3	40				1												
	1	42				3												
	2	42			2	9			3	3								
	3	42																
	1	44				2												
	2	44				6			3	3								
	3	44																
2000	1	40			1	9			2	2								
	2	40			7	13			7	7								
	3	40			3	7			3	3								
	1	42				8												
	2	42			6	12			7	7								
	3	42			1	6			3	3								
	1	44				6												
	2	44			5	12			6	6								
	3	44			1	5			3	3								
2001	1	40				8			1	1								
	2	40			4	13			6	6								
	3	40				4			1	1								
	1	42				5												
	2	42			3	13			6	6								
	3	42				4			1	1								
	1	44				3												
	2	44			1	12			5	5								
	3	44				2			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(3)

City	Melbourne	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40				2				2								
	2	40			1	7			4	7								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	7			3	7								
	3	42				1			1	1								
	1	44																
	2	44			1	4			2	4								
	3	44				1			1	1								
1991	1	40			5	7			5	7								
	2	40			6	9			8	9								
	3	40			3	4			4	4								
	1	42			3	5			4	5								
	2	42			5	8			8	8								
	3	42			2	4			4	4								
	1	44				5				5								
	2	44			5	8			6	8								
	3	44			2	3			4	4								
1992	1	40			1	1			1	1								
	2	40			1	2			1	2								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44				1				1								
	2	44			1	1			1	1								
	3	44																
1993	1	40			2	5			6	6								
	2	40			5	7			9	9								
	3	40			1	3			3	3								
	1	42			1	5			2	5								
	2	42			5	7			9	9								
	3	42			1	3			3	3								
	1	44				2			1	2								
	2	44			2	6			8	8								
	3	44				2			3	3								
1994	1	40				4			2	4								
	2	40			4	8			5	8								
	3	40			1	4			3	4								
	1	42				4				4								
	2	42			4	7			4	7								
	3	42			1	3			3	3								
	1	44																
	2	44			3	5			4	5								
	3	44			1	3			2	3								
1995	1	40			1	3			2	3								
	2	40			1	4			4	4								
	3	40				1			1	1								
	1	42				1			1	1								
	2	42			1	4			4	4								
	3	42																
	1	44				1				1								
	2	44			1	4			4	4								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(3)

City	Melbourne	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				1			1	1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44				1				1								
	2	44			1	1			1	1								
	3	44																
1997	1	40			6	11			7	11								
	2	40			10	14			14	15								
	3	40			3	7			7	7								
	1	42			1	9			3	9								
	2	42			9	13			13	13								
	3	42			3	7			6	7								
	1	44				7				7								
	2	44			8	12			10	12								
	3	44			3	7			6	7								
1998	1	40			6	12			6	11								
	2	40			9	13			11	13								
	3	40			2	5			3	5								
	1	42			3	8			3	7								
	2	42			8	12			9	12								
	3	42			2	5			2	5								
	1	44				5				5								
	2	44			7	12			8	12								
	3	44			2	3			2	3								
1999	1	40				3			2	3								
	2	40			2	6			5	6								
	3	40																
	1	42				2				2								
	2	42			1	5			3	5								
	3	42																
	1	44																
	2	44				5			3	5								
	3	44																
2000	1	40			1	8			3	8								
	2	40			6	11			9	12								
	3	40			1	5			3	5								
	1	42				6			1	6								
	2	42			5	9			7	9								
	3	42			1	5			3	5								
	1	44				1				1								
	2	44			3	9			6	9								
	3	44			1	5			3	5								
2001	1	40				4			2	4								
	2	40			4	11			7	11								
	3	40				2			1	2								
	1	42				2				2								
	2	42			2	9			6	9								
	3	42				1			1	1								
	1	44																
	2	44			1	5			5	6								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(3a)

City	Melbourne	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40				7												
	2	40			1	8			4	4								
	3	40				1			1	1								
	1	42				2												
	2	42			1	7			3	3								
	3	42				1			1	1								
	1	44				1												
	2	44			1	7			2	2								
	3	44				1			1	1								
1991	1	40			5	8			5	5								
	2	40		1	7	12		1	8	8								
	3	40			3	5			4	4								
	1	42			5	7			5	4								
	2	42			6	12			8	8								
	3	42			3	4			4	4								
	1	44			2	6			2									
	2	44			5	10			6	6								
	3	44			2	4			4	4								
1992	1	40			1	1			1									
	2	40			1	3			1	1								
	3	40																
	1	42				1												
	2	42			1	3			1	1								
	3	42																
	1	44				1												
	2	44			1	2			1	1								
	3	44																
1993	1	40			2	7			6	6								
	2	40			5	10			9	9								
	3	40			2	3			3	3								
	1	42			1	6			2	2								
	2	42			5	10			9	9								
	3	42			2	3			3	3								
	1	44			1	5			1	1								
	2	44			5	9			8	8								
	3	44			1	3			3	3								
1994	1	40				7			2	2								
	2	40			4	9			5	5								
	3	40			2	4			3	3								
	1	42				4												
	2	42			4	9			4	4								
	3	42			1	4			3	3								
	1	44				4												
	2	44			4	8			4	4								
	3	44			1	4			2	2								
1995	1	40			1	4			2	2								
	2	40			3	8			4	4								
	3	40				1			1	1								
	1	42			1	3			1	1								
	2	42			1	6			4	4								
	3	42				1												
	1	44				1												
	2	44			1	4			4	4								
	3	44				1												

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(3a)

City	Melbourne	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40			1	1			1	1								
	2	40			1	2			1	1								
	3	40																
	1	42				1												
	2	42			1	1			1	1								
	3	42																
	1	44				1												
	2	44			1	1			1	1								
	3	44																
1997	1	40			7	13			7	7								
	2	40			11	16			14	14								
	3	40			5	10			7	7								
	1	42			4	11			5	3								
	2	42			10	16			13	13								
	3	42			4	8			6	6								
	1	44				10												
	2	44			9	16			10	10								
	3	44			3	7			6	6								
1998	1	40			6	12			6	6								
	2	40			11	14			11	11								
	3	40			2	5			3	3								
	1	42			5	12			4	2								
	2	42			9	14			10	9								
	3	42			2	5			2	2								
	1	44				8												
	2	44			8	13			9	7								
	3	44			2	5			2	2								
1999	1	40				5			2	2								
	2	40			3	9			5	5								
	3	40				1												
	1	42				4												
	2	42			2	9			3	3								
	3	42				1												
	1	44				2												
	2	44			1	6			3	3								
	3	44																
2000	1	40			1	9			3	3								
	2	40			7	13			9	9								
	3	40			3	7			3	3								
	1	42				8			1	1								
	2	42			6	12			7	7								
	3	42			1	7			3	3								
	1	44				6												
	2	44			5	12			6	6								
	3	44			1	5			3	3								
2001	1	40				9			2	2								
	2	40			4	14			7	7								
	3	40				4			1	1								
	1	42				5												
	2	42			4	13			6	6								
	3	42				4			1	1								
	1	44				4												
	2	44			2	12			5	5								
	3	44				2			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(4)

City	Melbourne	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			7	12			12	13								
	2	40		1	8	16		1	19	21								1
	3	40			1	2			3	3							1	2
	1	42			3	7			8	8								
	2	42			7	14			16	18								
	3	42			1	2			3	3								1
	1	44			1	7			6	7								
	2	44			7	13			13	14								
	3	44			1	2			2	2								
1991	1	40		4	8	12		4	12	12								
	2	40	2	5	12	14	2	5	14	14						3	5	7
	3	40		2	5	7		2	8	8		1		1		2	4	6
	1	42			7	12			10	12								
	2	42		5	12	13		5	14	14							4	5
	3	42		2	5	7		2	7	7						1	3	4
	1	44			7	10			8	10								
	2	44		5	11	13		5	12	13							2	2
	3	44		2	4	7		2	7	7							2	2
1992	1	40			2	5			6	6								
	2	40		1	4	8		1	10	11								1
	3	40				2			2	2								2
	1	42			1	3			2	3								
	2	42		1	3	7		1	9	9								1
	3	42				2			2	2								
	1	44			1	2			1	2								
	2	44		1	3	6		1	7	7								
	3	44				2			2	2								
1993	1	40		1	7	11		1	11	11								
	2	40	1	4	10	14	1	4	18	19					1	1	8	9
	3	40			3	7			10	10					2	2	4	7
	1	42			6	10			10	10								
	2	42		2	10	12		2	15	15					1	1	4	5
	3	42			3	7			8	9							3	4
	1	44			5	9			9	10								
	2	44		2	9	11		2	12	12							2	2
	3	44			3	6			7	8							2	2
1994	1	40			7	12			10	12								
	2	40		3	9	13		3	14	15							1	4
	3	40		1	4	6		1	6	6						1		6
	1	42			4	9			9	9								
	2	42			9	12			12	12								
	3	42			4	6			6	6								4
	1	44			4	8			6	8								
	2	44			8	12			10	12								
	3	44			4	6			6	6								
1995	1	40		1	4	8		1	9	9								
	2	40		1	8	11		1	13	13							2	3
	3	40			2	5			5	5								2
	1	42			3	8			8	8								
	2	42		1	7	11		1	11	11							1	1
	3	42			2	4			4	4								1
	1	44			2	4			4	4								
	2	44		1	4	10		1	11	11								
	3	44			2	3			4	4								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(4)

City	Melbourne	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			1	3			2	4								
	2	40		1	2	5		1	7	7							1	1
	3	40				1			1	1								
	1	42			1	1			1	1								
	2	42		1	1	5		1	5	5								
	3	42				1				1								
	1	44			1	1			1	1								
	2	44			1	5			5	5								
	3	44																
1997	1	40		2	13	18		2	17	18								
	2	40		9	16	21		9	19	21						2	7	10
	3	40		3	10	12		3	13	13						3	7	11
	1	42			11	16			15	16								
	2	42		7	16	21		7	18	21							3	7
	3	42		3	10	12		3	13	13							2	7
	1	44			10	16			14	16								
	2	44		6	16	18		6	17	18							1	1
	3	44		2	8	12		2	13	13							2	3
1998	1	40		3	13	17		3	15	17								
	2	40	1	7	15	19		6	17	19						2	5	10
	3	40		2	5	11		2	13	13						2	2	10
	1	42			12	14			15	15								
	2	42		5	14	18		5	17	18							2	4
	3	42		1	5	11		1	9	12							1	5
	1	44			11	13			13	14								
	2	44		5	13	18		5	15	18								
	3	44		1	5	11		1	8	11								2
1999	1	40			5	12			10	12								
	2	40			10	17			17	17							1	2
	3	40			1	5			5	6								4
	1	42			4	9			7	9								
	2	42			9	15			15	16								
	3	42			1	5			5	6								
	1	44			2	6			5	6								
	2	44			6	15			13	16								
	3	44				5			5	6								
2000	1	40			10	18			14	18								
	2	40		4	17	27		4	23	28							2	7
	3	40		1	7	10		1	11	11						1	2	9
	1	42			9	13			13	14								
	2	42		1	14	25		1	21	25							1	1
	3	42			7	10			11	11								5
	1	44			6	12			9	12								
	2	44		1	13	20		1	20	22								
	3	44			6	10			11	11								1
2001	1	40			11	17			15	18								
	2	40		1	15	22		1	23	23							3	6
	3	40			4	11			9	13							3	8
	1	42			5	13			10	14								
	2	42		1	13	22		1	20	22								
	3	42			4	9			8	11							2	2
	1	44			4	11			7	11								
	2	44			12	21			19	21								
	3	44			4	8			7	10							1	1

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(4a)

City	Melbourne	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			7	14			12	12								
	2	40		6	9	24		6	19	19		4		7		14		
	3	40		1	1	6		1	3	3		2		3		17	1	1
	1	42			6	13			8	8								
	2	42		1	8	22		1	16	16				1		7		
	3	42		1	1	5		1	3	3		1		2		3		
	1	44			1	8			6	6								
	2	44		1	7	17		1	13	13								
	3	44		1	1	3		1	2	2				1		2		
1991	1	40		5	10	13		5	12	12								
	2	40	3	8	12	15	3	8	14	14		8		11		14	5	5
	3	40	1	4	5	9	1	4	8	8		6		8		10	4	4
	1	42		5	8	12		5	10	10								
	2	42	2	7	12	14	2	7	14	14		5		5		8	4	4
	3	42	1	3	5	9	1	3	7	7		5		6		8	3	3
	1	44		2	7	12		2	8	8								
	2	44		5	12	14		5	12	12				3		5	2	2
	3	44		3	5	8		3	7	7		3		4		6	2	2
1992	1	40		1	2	7		1	6	6								
	2	40		1	5	12		1	10	10		1		3		7		
	3	40			1	2			2	2		2		2		9		
	1	42			1	6			2	2								
	2	42		1	4	9		1	9	9		1		1		1		
	3	42			1	2			2	2				1		2		
	1	44			1	4			1	1								
	2	44		1	3	9		1	7	7						1		
	3	44				2			2	2						1		
1993	1	40		2	9	12		2	11	11								
	2	40	1	6	10	18	1	6	18	18		6		10	1	13	8	8
	3	40		3	4	9		3	10	10		6		8	2	17	4	4
	1	42		1	6	11		1	10	10								
	2	42	1	6	10	17	1	6	15	15		2		5	1	7	4	4
	3	42		3	3	8		3	8	8		3		4		9	3	3
	1	44		1	5	10		1	9	9								
	2	44		5	10	14		5	12	12		1		1		2	2	2
	3	44		2	3	7		2	7	7		2		2		4	2	2
1994	1	40		1	8	12		1	10	10								
	2	40		6	10	16		6	14	14		6		8		13	1	1
	3	40		4	4	8		4	6	6		6		7		11		
	1	42			7	12			9	9								
	2	42		4	9	16		4	12	12				4		7		
	3	42		3	4	7		3	6	6		4		4		8		
	1	44			4	9			6	6								
	2	44		4	9	14		4	10	10						1		
	3	44		3	4	7		3	6	6		3		4		4		
1995	1	40		1	4	11		1	9	9								
	2	40		4	8	13		4	13	13		4		4		11	2	2
	3	40		2	2	5		2	5	5		4		4		13		
	1	42		1	4	8		1	8	8								
	2	42		3	8	13		3	11	11		1		1		4	1	1
	3	42			2	5			4	4		1		1		5		
	1	44			3	8			4	4								
	2	44		1	7	12		1	11	11				1		1		
	3	44			2	5			4	4				1		1		

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(4a)

City	Melbourne	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40		1	1	5		1	2	2								
	2	40		1	3	8		1	7	7		1		1		5	1	1
	3	40				2			1	1				2		6		
	1	42			1	4			1	1								
	2	42		1	2	5		1	5	5		1		1		1		
	3	42				2										2		
	1	44			1	2			1	1								
	2	44		1	1	5		1	5	5						1		
	3	44				2												
1997	1	40		7	16	21		7	17	17								
	2	40	1	15	18	25	1	15	20	19		12		15		22	7	7
	3	40		9	10	14		9	13	13		13		14		19	7	7
	1	42		4	13	18		4	15	15								
	2	42		11	16	23		11	18	18		7		9		13	3	3
	3	42		8	10	13		8	13	13		7		10		14	2	2
	1	44			11	16			14	14								
	2	44		9	16	22		9	17	17				3		8	1	1
	3	44		6	10	13		6	13	13		5		7		10	2	2
1998	1	40		5	13	18		5	15	15								
	2	40	3	12	17	24	2	12	18	17		11		13		18	5	5
	3	40		5	7	12		5	13	13		11		12		19	2	2
	1	42		4	12	18		4	15	15								
	2	42		12	15	23		12	17	17		5		7		13	2	2
	3	42		3	7	11		3	9	9		5		8		12	1	1
	1	44			12	15			14	13								
	2	44		7	14	20		7	15	15		1		2		5		
	3	44		2	5	11		2	8	8		2		5		8		
1999	1	40			6	15			10	10								
	2	40		5	12	18		5	17	17		5		6		15	1	1
	3	40			3	8			5	5		4		7		15		
	1	42			5	12			7	7								
	2	42		3	10	17		3	15	15						5		
	3	42			3	7			5	5				3		7		
	1	44			3	10			5	5								
	2	44		2	9	17		2	13	13								
	3	44			1	7			5	5						3		
2000	1	40		1	12	24		1	14	14								
	2	40		11	19	28		11	23	23		9		11		20	2	2
	3	40		6	8	15		6	11	11		10		11		21	2	2
	1	42			9	18			13	13								
	2	42		9	17	28		9	21	21		3		5		9	1	1
	3	42		5	7	13		5	11	11		5		7		11		
	1	44			8	16			9	9								
	2	44		5	14	28		5	20	20						3		
	3	44		3	7	11		3	11	11		1		4		8		
2001	1	40		1	12	22		1	15	15								
	2	40		12	17	24		12	23	23		5		11		19	3	3
	3	40		4	4	14		4	9	9		7		10		21	3	3
	1	42			6	20			10	10								
	2	42		5	15	24		5	20	20		1		2		8		
	3	42		1	4	13		1	8	8		2		4		11	2	2
	1	44			4	15			7	7								
	2	44		2	13	24		2	19	19						1		
	3	44			4	12			7	7				1		5	1	1

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40																
	2	40				1				1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1991	1	40				5				5								
	2	40			5	7			5	7								
	3	40			2	3			3	3								
	1	42				5				5								
	2	42			5	6			5	6								
	3	42			1	3			3	3								
	1	44				2				2								
	2	44			3	5			4	5								
	3	44			1	3			2	3								
1992	1	40				1				1								
	2	40			1	1			1	1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1993	1	40				2			1	2								
	2	40			1	5			5	5								
	3	40				2			1	2								
	1	42				1				1								
	2	42			1	5			3	5								
	3	42				2			1	2								
	1	44				1				1								
	2	44			1	5			2	5								
	3	44				1			1	1								
1994	1	40																
	2	40				4			2	4								
	3	40				2				2								
	1	42																
	2	42				4				4								
	3	42				1				1								
	1	44																
	2	44				4				4								
	3	44				1				1								
1995	1	40				1				1								
	2	40			1	3			2	3								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1				1								
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1997	1	40				7				7								
	2	40			5	11			7	11								
	3	40				5			3	5								
	1	42				4				4								
	2	42			2	10			5	10								
	3	42				3			2	3								
	1	44																
	2	44			1	9			2	9								
	3	44				3			2	3								
1998	1	40				5				5								
	2	40			5	11			5	10								
	3	40				2			1	2								
	1	42				4				4								
	2	42			5	9			4	8								
	3	42				2			1	2								
	1	44																
	2	44			2	7			3	7								
	3	44				2			1	2								
1999	1	40																
	2	40				3			1	3								
	3	40																
	1	42																
	2	42				2				2								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
2000	1	40				1				1								
	2	40			1	7			2	7								
	3	40				3			1	3								
	1	42																
	2	42				6			2	6								
	3	42				1			1	1								
	1	44																
	2	44				5				5								
	3	44				1				1								
2001	1	40				1				1								
	2	40				4			1	4								
	3	40																
	1	42																
	2	42				4				4								
	3	42																
	1	44																
	2	44				2				2								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				1												
	2	40				6												
	3	40				1												
	1	42				1												
	2	42				4												
	3	42				1												
	1	44																
	2	44				2												
	3	44				1												
1991	1	40			2	6			2									
	2	40			5	8			5	5								
	3	40			2	3			3	3								
	1	42				5												
	2	42			5	8			5	5								
	3	42			2	3			3	3								
	1	44				5												
	2	44			5	7			5	2								
	3	44			1	3			2	2								
1992	1	40				1												
	2	40			1	1			1									
	3	40																
	1	42				1												
	2	42			1	1			1									
	3	42																
	1	44				1												
	2	44				1												
	3	44																
1993	1	40			1	5			1	1								
	2	40			2	6			5	5								
	3	40				2			1	1								
	1	42				2												
	2	42			1	6			3	3								
	3	42				2			1	1								
	1	44				1												
	2	44			1	6			2	2								
	3	44				2			1	1								
1994	1	40				4												
	2	40				7			2	2								
	3	40				3												
	1	42				3												
	2	42				5												
	3	42				3												
	1	44																
	2	44				4												
	3	44				3												
1995	1	40				1												
	2	40			1	4			2	2								
	3	40																
	1	42				1												
	2	42			1	4			1	1								
	3	42																
	1	44				1												
	2	44			1	3			1									
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1												
	2	40				1			1	1								
	3	40																
	1	42				1												
	2	42				1												
	3	42																
	1	44																
	2	44				1												
	3	44																
1997	1	40				10												
	2	40			7	13			7	7								
	3	40			2	7			3	3								
	1	42				8												
	2	42			5	11			6	4								
	3	42				6			2	2								
	1	44				5												
	2	44			2	11			3	2								
	3	44				6			2	2								
1998	1	40				8												
	2	40			6	12			6	5								
	3	40			1	4			1	1								
	1	42				6												
	2	42			5	12			4	2								
	3	42			1	3			1	1								
	1	44				4												
	2	44			4	11			4	1								
	3	44				2			1	1								
1999	1	40				2												
	2	40				5			1	1								
	3	40																
	1	42																
	2	42				5												
	3	42																
	1	44																
	2	44				3												
	3	44																
2000	1	40				6												
	2	40			1	9			2	2								
	3	40				5			1	1								
	1	42				3												
	2	42			1	9			2	2								
	3	42				4			1	1								
	1	44				1												
	2	44				8												
	3	44				3												
2001	1	40				4												
	2	40				6			1	1								
	3	40				1												
	1	42				1												
	2	42				5												
	3	42				1												
	1	44																
	2	44				5												
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40			1	6			2	6								
	2	40			2	7			8	8								
	3	40			1	1			1	1								
	1	42				1				1								
	2	42			1	7			7	7								
	3	42				1			1	1								
	1	44				1				1								
	2	44			1	7			3	7								
	3	44				1			1	1								
1991	1	40			5	8			7	8								
	2	40			7	12			10	12								
	3	40			3	4			4	4								
	1	42			5	7			5	7								
	2	42			7	10			8	10								
	3	42			3	4			4	4								
	1	44			3	5			4	5								
	2	44			5	9			8	9								
	3	44			3	4			4	4								
1992	1	40			1	1			1	1								
	2	40			1	3			2	3								
	3	40																
	1	42			1	1			1	1								
	2	42			1	3			2	3								
	3	42																
	1	44				1				1								
	2	44			1	2			1	2								
	3	44																
1993	1	40			4	6			8	8								
	2	40			6	10			10	10								
	3	40			2	3			4	4								
	1	42			1	5			6	6								
	2	42			5	9			9	10								
	3	42			2	3			3	3								
	1	44			1	5			2	5								
	2	44			5	7			9	9								
	3	44			2	3			3	3								
1994	1	40			3	7			4	7								
	2	40			4	9			9	9								
	3	40			3	4			3	4								
	1	42				4			2	4								
	2	42			4	8			8	8								
	3	42			3	4			3	4								
	1	44				4				4								
	2	44			4	8			5	8								
	3	44			1	4			3	4								
1995	1	40			1	4			4	4								
	2	40			3	6			7	8								
	3	40				1			1	1								
	1	42			1	3			2	3								
	2	42			3	4			5	5								
	3	42				1			1	1								
	1	44				1				1								
	2	44			1	4			4	4								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40			1	1			1	1								
	2	40			1	1			1	1								
	3	40																
	1	42				1			1	1								
	2	42			1	1			1	1								
	3	42																
	1	44				1				1								
	2	44			1	1			1	1								
	3	44																
1997	1	40			9	13			10	13								
	2	40			11	16			15	16								
	3	40			5	8			9	9								
	1	42			5	11			7	11								
	2	42			10	16			14	16								
	3	42			5	7			8	8								
	1	44			1	9			3	9								
	2	44			10	14			14	15								
	3	44			4	7			7	7								
1998	1	40			7	12			8	12								
	2	40			12	14			14	14								
	3	40			2	5			5	5								
	1	42			5	11			6	10								
	2	42			11	13			14	14								
	3	42			2	5			5	5								
	1	44			2	7			3	7								
	2	44			9	13			11	13								
	3	44			2	5			5	5								
1999	1	40				5			3	5								
	2	40			3	9			7	9								
	3	40																
	1	42				3			2	3								
	2	42			3	6			5	6								
	3	42																
	1	44				2				2								
	2	44			2	6			5	6								
	3	44																
2000	1	40			4	9			7	9								
	2	40			8	12			12	13								
	3	40			3	6			5	6								
	1	42			1	7			2	7								
	2	42			7	12			11	12								
	3	42			3	5			4	5								
	1	44				5				5								
	2	44			6	11			8	12								
	3	44			1	5			3	5								
2001	1	40			1	6			5	7								
	2	40			5	13			9	13								
	3	40				4			1	4								
	1	42				4			1	4								
	2	42			4	12			8	12								
	3	42				2			1	2								
	1	44				2				2								
	2	44			3	11			6	11								
	3	44				2			1	2								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40			1	7			2	2								
	2	40			4	12			8	8								
	3	40			1	2			1	1								
	1	42				6												
	2	42			2	9			7	7								
	3	42			1	1			1	1								
	1	44				2												
	2	44			1	7			3	3								
	3	44				1			1	1								
1991	1	40			5	10			7	7								
	2	40		5	8	12		5	10	10								
	3	40		1	3	5		1	4	4								
	1	42			5	8			5	5								
	2	42		3	7	12		3	8	8								
	3	42		1	3	5		1	4	4								
	1	44			5	7			5	2								
	2	44		1	7	12		1	8	8								
	3	44			3	5			4	4								
1992	1	40			1	3			1	1								
	2	40			1	5			2	2								
	3	40				1												
	1	42			1	1			1									
	2	42			1	4			2	2								
	3	42				1												
	1	44				1												
	2	44			1	3			1	1								
	3	44																
1993	1	40			5	9			8	8								
	2	40		1	6	11		1	10	10								
	3	40			2	5			4	4								
	1	42			2	6			6	6								
	2	42		1	6	10		1	9	9								
	3	42			2	4			3	3								
	1	44			1	6			2	2								
	2	44			5	10			9	9								
	3	44			2	3			3	3								
1994	1	40			4	8			4	4								
	2	40			5	12			9	9								
	3	40			3	4			3	3								
	1	42				7			2	2								
	2	42			4	9			8	8								
	3	42			3	4			3	3								
	1	44				4												
	2	44			4	9			5	5								
	3	44			3	4			3	3								
1995	1	40			1	4			4	4								
	2	40		1	4	8		1	7	7								
	3	40				1			1	1								
	1	42			1	4			2	2								
	2	42			3	8			5	5								
	3	42				1			1	1								
	1	44			1	3			1									
	2	44			3	8			4	4								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40			1	1			1	1								
	2	40			1	3			1	1								
	3	40																
	1	42			1	1			1	1								
	2	42			1	2			1	1								
	3	42																
	1	44				1												
	2	44			1	1			1	1								
	3	44																
1997	1	40			9	16			10	10								
	2	40		2	12	18		2	15	15								
	3	40			6	10			9	9								
	1	42			7	13			7	7								
	2	42		1	11	17		1	14	14								
	3	42			6	10			8	8								
	1	44			3	11			5	3								
	2	44			10	16			14	14								
	3	44			5	10			7	7								
1998	1	40			8	13			9	8								
	2	40		3	12	17		3	14	14								
	3	40			3	9			5	5								
	1	42			6	12			6	6								
	2	42		2	12	16		2	14	14								
	3	42			2	7			5	5								
	1	44			4	12			4	1								
	2	44			11	14			11	11								
	3	44			2	5			5	5								
1999	1	40			2	6			3	3								
	2	40			5	12			7	7								
	3	40				3												
	1	42				5			2	2								
	2	42			4	10			5	5								
	3	42				3												
	1	44				3												
	2	44			3	9			5	5								
	3	44				3												
2000	1	40			6	12			7	7								
	2	40			9	18			12	12								
	3	40			4	8			5	5								
	1	42			1	9			2	2								
	2	42			8	17			11	11								
	3	42			3	8			4	4								
	1	44				8												
	2	44			7	13			8	8								
	3	44			3	7			3	3								
2001	1	40			2	12			5	5								
	2	40			5	17			9	9								
	3	40			1	4			1	1								
	1	42				9			1	1								
	2	42			5	16			8	8								
	3	42				4			1	1								
	1	44				5												
	2	44			4	14			6	6								
	3	44				4			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40																
	2	40				1				1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1991	1	40				5				5								
	2	40			5	7			5	7								
	3	40			2	3			3	3								
	1	42				5				5								
	2	42			5	6			5	6								
	3	42			1	3			3	3								
	1	44				2				2								
	2	44			3	5			4	5								
	3	44			1	3			2	3								
1992	1	40				1				1								
	2	40			1	1			1	1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1993	1	40				2			1	2								
	2	40			1	5			5	5								
	3	40				2			1	2								
	1	42				1				1								
	2	42			1	5			3	5								
	3	42				2			1	2								
	1	44				1				1								
	2	44			1	5			2	5								
	3	44				1			1	1								
1994	1	40																
	2	40				4			2	4								
	3	40				2				2								
	1	42																
	2	42				4				4								
	3	42				1				1								
	1	44																
	2	44				4				4								
	3	44				1				1								
1995	1	40				1				1								
	2	40			1	3			2	3								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1				1								
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1997	1	40				7				7								
	2	40			5	11			7	11								
	3	40				5			3	5								
	1	42				4				4								
	2	42			2	10			5	10								
	3	42				3			2	3								
	1	44																
	2	44			1	9			2	9								
	3	44				3			2	3								
1998	1	40				5				5								
	2	40			5	11			5	10								
	3	40				2			1	2								
	1	42				4				4								
	2	42			5	9			4	8								
	3	42				2			1	2								
	1	44																
	2	44			2	7			3	7								
	3	44				2			1	2								
1999	1	40																
	2	40				3			1	3								
	3	40																
	1	42																
	2	42				2				2								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
2000	1	40				1				1								
	2	40			1	7			2	7								
	3	40				3			1	3								
	1	42																
	2	42				6			2	6								
	3	42				1			1	1								
	1	44																
	2	44				5				5								
	3	44				1				1								
2001	1	40				1				1								
	2	40				4			1	4								
	3	40																
	1	42																
	2	42				4				4								
	3	42																
	1	44																
	2	44				2				2								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1990	1	40				1												
	2	40				6												
	3	40				1												
	1	42				1												
	2	42				4												
	3	42				1												
	1	44																
	2	44				2												
	3	44				1												
1991	1	40			2	6			2									
	2	40			5	8			5	5								
	3	40			2	3			3	3								
	1	42				5												
	2	42			5	8			5	5								
	3	42			2	3			3	3								
	1	44				5												
	2	44			5	7			5	2								
	3	44			1	3			2	2								
1992	1	40				1												
	2	40			1	1			1									
	3	40																
	1	42				1												
	2	42			1	1			1									
	3	42																
	1	44				1												
	2	44				1												
	3	44																
1993	1	40			1	5			1	1								
	2	40			2	6			5	5								
	3	40				2			1	1								
	1	42				2												
	2	42			1	6			3	3								
	3	42				2			1	1								
	1	44				1												
	2	44			1	6			2	2								
	3	44				2			1	1								
1994	1	40				4												
	2	40				7			2	2								
	3	40				3												
	1	42				3												
	2	42				5												
	3	42				3												
	1	44																
	2	44				4												
	3	44				3												
1995	1	40				1												
	2	40			1	4			2	2								
	3	40																
	1	42				1												
	2	42			1	4			1	1								
	3	42																
	1	44				1												
	2	44			1	3			1									
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1996	1	40				1												
	2	40				1			1	1								
	3	40																
	1	42				1												
	2	42				1												
	3	42																
	1	44																
	2	44				1												
	3	44																
1997	1	40				10												
	2	40			7	13			7	7								
	3	40			2	7			3	3								
	1	42				8												
	2	42			5	11			6	4								
	3	42				6			2	2								
	1	44				5												
	2	44			2	11			3	2								
	3	44				6			2	2								
1998	1	40				8												
	2	40			6	12			6	5								
	3	40			1	4			1	1								
	1	42				6												
	2	42			5	12			4	2								
	3	42			1	3			1	1								
	1	44				4												
	2	44			4	11			4	1								
	3	44				2			1	1								
1999	1	40				2												
	2	40				5			1	1								
	3	40																
	1	42																
	2	42				5												
	3	42																
	1	44																
	2	44				3												
	3	44																
2000	1	40				6												
	2	40			1	9			2	2								
	3	40				5			1	1								
	1	42				3												
	2	42			1	9			2	2								
	3	42				4			1	1								
	1	44				1												
	2	44				8												
	3	44				3												
2001	1	40				4												
	2	40				8			1	1								
	3	40				1												
	1	42				1												
	2	42				5												
	3	42				1												
	1	44																
	2	44				5												
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				1				1								
	2	40			1	5			2	5								
	3	40				1			1	1								
	1	42																
	2	42				2			2	2								
	3	42				1				1								
	1	44																
	2	44				1				1								
	3	44				1				1								
1991	1	40			3	5			4	5								
	2	40			5	8			6	8								
	3	40			2	3			3	3								
	1	42				5				5								
	2	42			5	7			5	7								
	3	42			2	3			3	3								
	1	44				5				5								
	2	44			5	7			5	7								
	3	44			2	3			3	3								
1992	1	40				1				1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44																
	2	44			1	1			1	1								
	3	44																
1993	1	40			1	5			2	5								
	2	40			2	6			8	8								
	3	40				2			3	3								
	1	42				2			1	2								
	2	42			2	6			7	7								
	3	42				2			2	3								
	1	44				1				1								
	2	44			1	5			6	6								
	3	44				2			1	2								
1994	1	40				4				4								
	2	40			3	5			4	5								
	3	40				3			2	3								
	1	42																
	2	42				4			3	4								
	3	42				3			1	3								
	1	44																
	2	44				4			2	4								
	3	44				3				3								
1995	1	40				1			1	1								
	2	40			1	4			4	4								
	3	40																
	1	42				1				1								
	2	42			1	3			3	3								
	3	42																
	1	44				1				1								
	2	44			1	3			2	3								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1				1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40			1	10			3	10								
	2	40			8	13			10	13								
	3	40			3	6			5	7								
	1	42				7				7								
	2	42			7	11			10	11								
	3	42			2	6			4	6								
	1	44				4				4								
	2	44			5	11			7	11								
	3	44			1	5			4	5								
1998	1	40			3	8			3	7								
	2	40			7	12			8	12								
	3	40			1	3			2	3								
	1	42				5				5								
	2	42			6	12			6	12								
	3	42			1	2			2	2								
	1	44				4				4								
	2	44			5	11			6	10								
	3	44			1	2			1	2								
1999	1	40				2				2								
	2	40				5			3	5								
	3	40																
	1	42																
	2	42				4			2	4								
	3	42																
	1	44																
	2	44				3			2	3								
	3	44																
2000	1	40				6			1	6								
	2	40			3	9			6	9								
	3	40				4			2	4								
	1	42				1				1								
	2	42			1	9			6	9								
	3	42				3			2	3								
	1	44																
	2	44			1	7			2	7								
	3	44				3			1	3								
2001	1	40				2				2								
	2	40			1	5			5	6								
	3	40				1			1	1								
	1	42				1				1								
	2	42				5			3	5								
	3	42							1	1								
	1	44																
	2	44				4			1	4								
	3	44							1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				2												
	2	40			1	7			2	2								
	3	40				1			1	1								
	1	42				1												
	2	42			1	7			2	2								
	3	42				1												
	1	44				1												
	2	44				6												
	3	44				1												
1991	1	40			5	7			5	4								
	2	40			5	10			6	6								
	3	40			2	4			3	3								
	1	42			2	6			2									
	2	42			5	9			5	5								
	3	42			2	4			3	3								
	1	44				5												
	2	44			5	8			5	5								
	3	44			2	4			3	3								
1992	1	40				1												
	2	40			1	3			1	1								
	3	40																
	1	42				1												
	2	42			1	2			1	1								
	3	42																
	1	44				1												
	2	44			1	1			1									
	3	44																
1993	1	40			1	6			2	2								
	2	40			5	9			8	8								
	3	40			1	3			3	3								
	1	42			1	5			1	1								
	2	42			2	7			7	7								
	3	42				3			2	2								
	1	44				2												
	2	44			2	6			6	6								
	3	44				3			1	1								
1994	1	40				4												
	2	40			4	8			4	4								
	3	40			1	4			2	2								
	1	42				4												
	2	42			3	8			3	3								
	3	42			1	4			1	1								
	1	44				3												
	2	44				7			2	2								
	3	44				3												
1995	1	40			1	3			1	1								
	2	40			1	4			4	4								
	3	40				1												
	1	42				2												
	2	42			1	4			3	3								
	3	42				1												
	1	44				1												
	2	44			1	4			2	2								
	3	44				1												

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1												
	2	40			1	1			1	1								
	3	40																
	1	42				1												
	2	42			1	1			1	1								
	3	42																
	1	44				1												
	2	44				1			1	1								
	3	44																
1997	1	40			4	11			5	3								
	2	40			9	16			10	10								
	3	40			3	7			5	5								
	1	42				10												
	2	42			9	14			10	10								
	3	42			3	7			4	4								
	1	44				8												
	2	44			7	13			7	7								
	3	44			3	7			4	4								
1998	1	40			5	12			4	2								
	2	40			8	13			9	8								
	3	40			2	5			2	2								
	1	42				9												
	2	42			7	13			7	6								
	3	42			2	5			2	2								
	1	44				6												
	2	44			6	12			6	6								
	3	44			1	5			1	1								
1999	1	40				4												
	2	40			2	6			3	3								
	3	40																
	1	42				2												
	2	42				6			2	2								
	3	42																
	1	44																
	2	44				5			2	2								
	3	44																
2000	1	40				9			1	1								
	2	40			6	12			7	6								
	3	40			1	5			2	2								
	1	42				6												
	2	42			4	11			6	6								
	3	42			1	5			2	2								
	1	44				3												
	2	44			1	9			2	2								
	3	44				5			1	1								
2001	1	40				5												
	2	40			2	12			5	5								
	3	40				2			1	1								
	1	42				4												
	2	42			1	11			3	3								
	3	42				2			1	1								
	1	44				1												
	2	44				8			1	1								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(9)

City	Melbourne	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40				1				1								
	2	40			1	6			2	6								
	3	40				1			1	1								
	1	42																
	2	42				3			2	3								
	3	42				1			1	1								
	1	44																
	2	44				2				2								
	3	44				1				1								
1991	1	40			5	6			5	6								
	2	40			5	8			7	8								
	3	40			2	3			4	4								
	1	42				5				5								
	2	42			5	8			5	8								
	3	42			2	3			3	3								
	1	44				5				5								
	2	44			5	7			5	7								
	3	44			2	3			3	3								
1992	1	40				1				1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44																
	2	44			1	1			1	1								
	3	44																
1993	1	40			1	5			2	5								
	2	40			4	6			8	8								
	3	40				2			3	3								
	1	42				2			1	2								
	2	42			2	6			8	8								
	3	42				2			2	3								
	1	44				1				1								
	2	44			2	5			7	7								
	3	44				2			1	2								
1994	1	40				4				4								
	2	40			3	7			4	7								
	3	40				3			2	3								
	1	42				3				3								
	2	42				5			4	5								
	3	42				3			2	3								
	1	44																
	2	44				4			2	4								
	3	44				3				3								
1995	1	40			1	1			1	1								
	2	40			1	4			4	4								
	3	40																
	1	42				1				1								
	2	42			1	4			3	4								
	3	42																
	1	44				1				1								
	2	44			1	3			3	3								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(9)

City	Melbourne	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				1				1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40			2	10			4	10								
	2	40			9	13			10	13								
	3	40			3	7			6	7								
	1	42				8				8								
	2	42			7	11			10	11								
	3	42			3	6			4	6								
	1	44				4				4								
	2	44			6	11			7	11								
	3	44			2	6			4	6								
1998	1	40			4	9			3	8								
	2	40			7	12			8	12								
	3	40			2	3			2	3								
	1	42				6				6								
	2	42			6	12			6	12								
	3	42			1	3			2	3								
	1	44				4				4								
	2	44			6	12			6	11								
	3	44			1	2			1	2								
1999	1	40				2				2								
	2	40				5			3	5								
	3	40																
	1	42																
	2	42				4			3	4								
	3	42																
	1	44																
	2	44				3			2	3								
	3	44																
2000	1	40				6			1	6								
	2	40			4	9			7	9								
	3	40			1	4			3	4								
	1	42				3				3								
	2	42			1	9			6	9								
	3	42				4			2	4								
	1	44				1				1								
	2	44			1	8			3	8								
	3	44				3			1	3								
2001	1	40				4				4								
	2	40			1	6			5	7								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	5			4	6								
	3	42				1			1	1								
	1	44																
	2	44				4			2	4								
	3	44							1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(9a)

City	Melbourne	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40				3												
	2	40			1	7			2	2								
	3	40				1			1	1								
	1	42				1												
	2	42			1	7			2	2								
	3	42				1			1	1								
	1	44				1												
	2	44				7												
	3	44				1												
1991	1	40			5	8			5	4								
	2	40			5	11			7	7								
	3	40			2	4			4	4								
	1	42			3	7			3									
	2	42			5	10			5	5								
	3	42			2	4			3	3								
	1	44				5												
	2	44			5	8			5	5								
	3	44			2	4			3	3								
1992	1	40			1	1			1									
	2	40			1	3			1	1								
	3	40																
	1	42				1												
	2	42			1	2			1	1								
	3	42																
	1	44				1												
	2	44			1	1			1									
	3	44																
1993	1	40			1	6			2	2								
	2	40			5	9			8	8								
	3	40			1	3			3	3								
	1	42			1	5			1	1								
	2	42			4	8			8	8								
	3	42				3			2	2								
	1	44				4												
	2	44			2	7			7	7								
	3	44				3			1	1								
1994	1	40				5												
	2	40			4	8			4	4								
	3	40			1	4			2	2								
	1	42				4												
	2	42			4	8			4	4								
	3	42			1	4			2	2								
	1	44				3												
	2	44				7			2	2								
	3	44				4												
1995	1	40			1	4			1	1								
	2	40			1	4			4	4								
	3	40				1												
	1	42				2												
	2	42			1	4			3	3								
	3	42				1												
	1	44				1												
	2	44			1	4			3	3								
	3	44				1												

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(9a)

City	Melbourne	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				1												
	2	40			1	1			1	1								
	3	40																
	1	42				1												
	2	42			1	1			1	1								
	3	42																
	1	44				1												
	2	44			1	1			1	1								
	3	44																
1997	1	40			5	11			5	3								
	2	40			10	16			10	10								
	3	40			3	7			6	6								
	1	42			1	10			1									
	2	42			9	15			10	10								
	3	42			3	7			4	4								
	1	44				9												
	2	44			7	13			7	7								
	3	44			3	7			4	4								
1998	1	40			5	12			4	2								
	2	40			8	13			9	8								
	3	40			2	5			2	2								
	1	42			1	10			1									
	2	42			7	13			7	6								
	3	42			2	5			2	2								
	1	44				6												
	2	44			6	12			6	6								
	3	44			1	5			1	1								
1999	1	40				4												
	2	40			2	7			3	3								
	3	40																
	1	42				2												
	2	42				6			3	3								
	3	42																
	1	44																
	2	44				5			2	2								
	3	44																
2000	1	40			1	9			1	1								
	2	40			6	12			7	7								
	3	40			1	5			3	3								
	1	42				7												
	2	42			4	12			6	6								
	3	42			1	5			2	2								
	1	44				4												
	2	44			1	9			3	3								
	3	44				5			1	1								
2001	1	40				5												
	2	40			2	13			5	5								
	3	40				2			1	1								
	1	42				4												
	2	42			1	11			4	4								
	3	42				2			1	1								
	1	44				1												
	2	44			1	9			2	2								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(10)

City	Melbourne	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			1	7			7	7								
	2	40			7	12			12	13								
	3	40			1	2			2	2								
	1	42			1	6			3	7								
	2	42			6	9			12	12								
	3	42			1	1			2	2								
	1	44				2				2								
	2	44			3	7			9	9								
	3	44			1	1			2	2								
1991	1	40			7	11			8	11								
	2	40		5	8	12		5	12	12								
	3	40		1	4	5		1	5	5								
	1	42			5	8			7	8								
	2	42		3	8	12		3	12	12								
	3	42		1	3	5		1	5	5								
	1	44			5	7			5	7								
	2	44		1	8	12		1	11	12								
	3	44			3	5			5	5								
1992	1	40			1	3			2	3								
	2	40			2	5			6	6								
	3	40				1			1	1								
	1	42			1	1			1	1								
	2	42			1	4			4	5								
	3	42				1				1								
	1	44			1	1			1	1								
	2	44			1	3			2	3								
	3	44																
1993	1	40			5	9			9	10								
	2	40		1	7	11		1	11	11							1	1
	3	40			3	5			6	6								
	1	42			5	6			9	9								
	2	42		1	6	10		1	11	11								
	3	42			2	4			6	6								
	1	44			2	6			7	7								
	2	44			6	10			11	11								
	3	44			2	3			4	4								
1994	1	40			4	8			8	8								
	2	40			7	12			10	12								
	3	40			4	4			4	4								
	1	42			4	7			4	7								
	2	42			7	9			9	9								
	3	42			3	4			4	4								
	1	44				4			2	4								
	2	44			5	9			9	9								
	3	44			3	4			4	4								
1995	1	40			3	4			5	5								
	2	40		1	4	8		1	9	9								
	3	40			1	1			2	2								
	1	42			1	4			4	4								
	2	42			4	8			8	8								
	3	42				1			1	1								
	1	44			1	3			3	3								
	2	44			4	8			8	8								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(10)

City	Melbourne	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			1	1			1	1								
	2	40			1	3			2	4								
	3	40																
	1	42			1	1			1	1								
	2	42			1	2			1	2								
	3	42																
	1	44				1			1	1								
	2	44			1	1			1	1								
	3	44																
1997	1	40			11	16			14	16								
	2	40		2	13	18		2	17	18								
	3	40			7	10			11	11								
	1	42			9	13			13	13								
	2	42		1	13	17		1	16	17								
	3	42			7	10			10	10								
	1	44			6	11			9	11								
	2	44			11	16			15	16								
	3	44			6	10			10	10								
1998	1	40			11	13			14	14								
	2	40		3	13	17		3	15	17								
	3	40			5	9			7	9								
	1	42			8	12			9	12								
	2	42		2	12	16		2	15	16								
	3	42			4	7			7	8								
	1	44			6	12			6	12								
	2	44			12	14			15	15								
	3	44			3	6			6	7								
1999	1	40			3	6			5	6								
	2	40			5	12			10	12								
	3	40				3			2	3								
	1	42				5			3	5								
	2	42			5	10			7	10								
	3	42				3			1	3								
	1	44				3			2	3								
	2	44			4	9			7	9								
	3	44				3				3								
2000	1	40			7	12			11	12								
	2	40			10	18			14	18								
	3	40			5	8			7	8								
	1	42			5	9			7	9								
	2	42			9	17			14	17								
	3	42			5	8			7	8								
	1	44			1	8			4	8								
	2	44			9	13			13	14								
	3	44			4	7			6	7								
2001	1	40			4	12			8	12								
	2	40			11	17			15	18								
	3	40			1	4			5	5								
	1	42			2	9			6	9								
	2	42			6	16			15	17								
	3	42			1	4			5	5								
	1	44				5			2	5								
	2	44			5	14			13	15								
	3	44			1	4			4	5								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(10a)

City	Melbourne	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			2	9			7	7								
	2	40			7	14			12	12								
	3	40			1	2			2	2								
	1	42			1	7			3	3								
	2	42			7	13			12	12								
	3	42			1	2			2	2								
	1	44				7												
	2	44			6	13			9	9								
	3	44			1	2			2	2								
1991	1	40		3	7	12		3	8	8								
	2	40		5	10	14		5	12	12								
	3	40		2	4	7		2	5	5						1		
	1	42			6	12			7	7								
	2	42		5	9	13		5	12	12								
	3	42		2	4	6		2	5	5								
	1	44			5	8			5	5								
	2	44		5	8	12		5	11	11								
	3	44		2	4	6		2	5	5								
1992	1	40			1	4			2	2								
	2	40		1	2	7		1	6	6								
	3	40				2			1	1								
	1	42			1	3			1	1								
	2	42		1	2	6		1	4	4								
	3	42				2												
	1	44			1	2			1									
	2	44			1	6			2	2								
	3	44				1												
1993	1	40		1	6	10		1	9	9								
	2	40		2	9	12		2	11	11							1	1
	3	40			3	7			6	6								
	1	42			5	10			9	9								
	2	42		2	7	11		2	11	11								
	3	42			3	6			6	6								
	1	44			2	7			7	7								
	2	44		1	6	11		1	11	11								
	3	44			3	5			4	4								
1994	1	40			4	9			8	8								
	2	40		1	8	13		1	10	10								
	3	40			4	6			4	4								
	1	42			4	9			4	4								
	2	42			7	12			9	9								
	3	42			4	6			4	4								
	1	44			3	7			3	2								
	2	44			7	12			9	9								
	3	44			3	5			4	4								
1995	1	40			3	8			5	5								
	2	40		1	4	11		1	9	9								
	3	40			1	3			2	2								
	1	42			1	6			4	4								
	2	42		1	4	11		1	8	8								
	3	42			1	1			1	1								
	1	44			1	4			3	3								
	2	44		1	4	8		1	8	8								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(10a)

City	Melbourne	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			1	2			1	1								
	2	40		1	1	5		1	2	2								
	3	40				1												
	1	42			1	1			1	1								
	2	42			1	5			1	1								
	3	42																
	1	44			1	1			1	1								
	2	44			1	4			1	1								
	3	44																
1997	1	40		1	11	17		1	14	14								
	2	40		8	16	21		8	17	17								
	3	40		2	7	12		2	11	11								
	1	42			10	16			13	13								
	2	42		6	13	19		6	16	16								
	3	42		1	7	11		1	10	10								
	1	44			8	13			9	9								
	2	44		4	13	18		4	15	15								
	3	44			7	11			10	10								
1998	1	40		2	12	16		2	14	14								
	2	40		6	13	18		6	15	15								
	3	40		1	5	11		1	7	7								
	1	42			9	14			10	9								
	2	42		5	13	18		5	15	15								
	3	42		1	5	10		1	7	7								
	1	44			7	13			7	6								
	2	44		4	12	18		4	15	15								
	3	44			5	10			6	6								
1999	1	40			4	10			5	5								
	2	40			6	15			10	10								
	3	40				5			2	2								
	1	42			2	9			3	3								
	2	42			5	15			7	7								
	3	42				4			1	1								
	1	44				5			2	2								
	2	44			5	12			7	7								
	3	44				3												
2000	1	40			8	17			11	11								
	2	40		2	12	24		2	14	14								
	3	40			5	10			7	7								
	1	42			6	12			7	7								
	2	42		1	10	19		1	14	14								
	3	42			5	10			7	7								
	1	44			3	10			5	4								
	2	44		1	9	18		1	13	13								
	3	44			5	10			6	6								
2001	1	40			5	16			8	8								
	2	40		1	12	22		1	15	15								
	3	40			2	9			5	5								
	1	42			4	13			6	6								
	2	42			11	22			15	15								
	3	42			2	7			5	5								
	1	44			1	11			2	2								
	2	44			6	20			13	13								
	3	44			1	7			4	4								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40																
	2	40				1				1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1991	1	40				5				5								
	2	40			5	7			5	7								
	3	40			1	3			3	3								
	1	42				4				4								
	2	42			3	5			4	5								
	3	42			1	3			2	3								
	1	44																
	2	44			2	5			3	5								
	3	44			1	2			2	2								
1992	1	40				1				1								
	2	40				1				1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1993	1	40				2			1	2								
	2	40			1	5			4	5								
	3	40				2			1	2								
	1	42				1				1								
	2	42			1	5			2	5								
	3	42				1			1	1								
	1	44																
	2	44			1	4			2	4								
	3	44				1			1	1								
1994	1	40																
	2	40				4				4								
	3	40				1				1								
	1	42																
	2	42				4				4								
	3	42				1				1								
	1	44																
	2	44				3				3								
	3	44				1				1								
1995	1	40				1				1								
	2	40			1	2			1	2								
	3	40																
	1	42				1				1								
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1997	1	40				6				6								
	2	40			4	10			7	10								
	3	40				4			2	4								
	1	42				2				2								
	2	42			1	9			3	9								
	3	42				3			2	3								
	1	44																
	2	44				9			1	9								
	3	44				3			1	3								
1998	1	40				5				5								
	2	40			5	11			4	10								
	3	40				2			1	2								
	1	42				3				3								
	2	42			3	8			3	7								
	3	42				2			1	2								
	1	44																
	2	44				6				6								
	3	44				2				2								
1999	1	40																
	2	40				2			1	2								
	3	40																
	1	42																
	2	42				2				2								
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				1				1								
	2	40				7			2	7								
	3	40				1			1	1								
	1	42																
	2	42				6			1	6								
	3	42				1				1								
	1	44																
	2	44				4				4								
	3	44				1				1								
2001	1	40																
	2	40				4			1	4								
	3	40																
	1	42																
	2	42				2				2								
	3	42																
	1	44																
	2	44				1				1								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				1												
	2	40				4												
	3	40				1												
	1	42																
	2	42				2												
	3	42				1												
	1	44																
	2	44				1												
	3	44				1												
1991	1	40				5												
	2	40			5	8			5	5								
	3	40			2	3			3	3								
	1	42				5												
	2	42			5	7			5	4								
	3	42			1	3			2	2								
	1	44				5												
	2	44			3	7			4	2								
	3	44			1	3			2	2								
1992	1	40				1												
	2	40			1	1			1									
	3	40																
	1	42				1												
	2	42				1												
	3	42																
	1	44																
	2	44				1												
	3	44																
1993	1	40				5			1	1								
	2	40			2	6			4	4								
	3	40				2			1	1								
	1	42				2												
	2	42			1	6			2	2								
	3	42				2			1	1								
	1	44				1												
	2	44			1	5			2	2								
	3	44				2			1	1								
1994	1	40				4												
	2	40				5												
	3	40				3												
	1	42																
	2	42				4												
	3	42				3												
	1	44																
	2	44				4												
	3	44				3												
1995	1	40				1												
	2	40			1	4			1	1								
	3	40																
	1	42				1												
	2	42			1	3			1	1								
	3	42																
	1	44				1												
	2	44				3												
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1												
	2	40				1			1	1								
	3	40																
	1	42				1												
	2	42				1												
	3	42																
	1	44																
	2	44				1												
	3	44																
1997	1	40				9												
	2	40			6	12			7	6								
	3	40				6			2	2								
	1	42				7												
	2	42			4	11			5	3								
	3	42				6			2	2								
	1	44				4												
	2	44			1	11			1	1								
	3	44				5			1	1								
1998	1	40				7												
	2	40			6	12			5	3								
	3	40			1	3			1	1								
	1	42				5												
	2	42			5	12			4	2								
	3	42				2			1	1								
	1	44				4												
	2	44			2	10			2									
	3	44				2												
1999	1	40				2												
	2	40				5			1	1								
	3	40																
	1	42																
	2	42				4												
	3	42																
	1	44																
	2	44				3												
	3	44																
2000	1	40				6												
	2	40			1	9			2	2								
	3	40				4			1	1								
	1	42				1												
	2	42				8			1	1								
	3	42				3												
	1	44																
	2	44				7												
	3	44				3												
2001	1	40				2												
	2	40				5			1	1								
	3	40				1												
	1	42				1												
	2	42				5												
	3	42																
	1	44																
	2	44				4												
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				1				1								
	2	40			1	7			3	7								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	6			3	7								
	3	42				1			1	1								
	1	44																
	2	44				4			2	4								
	3	44				1			1	1								
1991	1	40			5	7			5	7								
	2	40			5	9			8	9								
	3	40			3	4			4	4								
	1	42			3	5			4	5								
	2	42			5	8			7	8								
	3	42			2	3			4	4								
	1	44				5				5								
	2	44			5	8			6	8								
	3	44			2	3			4	4								
1992	1	40			1	1			1	1								
	2	40			1	2			1	2								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44				1				1								
	2	44			1	1			1	1								
	3	44																
1993	1	40			1	5			6	6								
	2	40			5	7			9	9								
	3	40			1	3			3	3								
	1	42			1	5			2	5								
	2	42			5	6			9	9								
	3	42				2			3	3								
	1	44				2			1	2								
	2	44			2	6			8	8								
	3	44				2			3	3								
1994	1	40				4			2	4								
	2	40			4	7			5	7								
	3	40			1	4			3	4								
	1	42				4				4								
	2	42			4	7			4	7								
	3	42			1	3			3	3								
	1	44																
	2	44			1	5			4	5								
	3	44				3			2	3								
1995	1	40			1	3			2	3								
	2	40			1	4			4	4								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	4			4	4								
	3	42																
	1	44				1				1								
	2	44			1	4			4	4								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1			1	1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44																
	2	44			1	1			1	1								
	3	44																
1997	1	40			5	11			7	11								
	2	40			10	13			14	14								
	3	40			3	7			7	7								
	1	42			1	9			3	9								
	2	42			9	13			13	13								
	3	42			3	7			6	7								
	1	44				7				7								
	2	44			8	11			10	11								
	3	44			3	7			6	7								
1998	1	40			5	11			6	10								
	2	40			9	13			11	13								
	3	40			2	5			2	5								
	1	42			2	7			3	7								
	2	42			8	12			9	12								
	3	42			2	4			2	4								
	1	44				5				5								
	2	44			7	12			7	12								
	3	44			2	3			2	3								
1999	1	40				3			2	3								
	2	40			2	5			4	5								
	3	40																
	1	42				2				2								
	2	42				5			3	5								
	3	42																
	1	44																
	2	44				5			3	5								
	3	44																
2000	1	40			1	7			2	7								
	2	40			6	10			7	10								
	3	40			1	5			3	5								
	1	42				5				5								
	2	42			5	9			7	9								
	3	42			1	5			3	5								
	1	44				1				1								
	2	44			3	9			6	9								
	3	44			1	4			3	4								
2001	1	40				4			1	4								
	2	40			3	11			6	11								
	3	40				1			1	1								
	1	42				2				2								
	2	42			1	8			6	8								
	3	42				1			1	1								
	1	44																
	2	44			1	5			5	6								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				6												
	2	40			1	7			3	3								
	3	40				1			1	1								
	1	42				2												
	2	42			1	7			3	3								
	3	42				1			1	1								
	1	44				1												
	2	44			1	7			2	2								
	3	44				1			1	1								
1991	1	40			5	8			5	5								
	2	40			7	12			8	8								
	3	40			3	5			4	4								
	1	42			5	7			5	2								
	2	42			5	11			7	7								
	3	42			3	4			4	4								
	1	44			1	5			1									
	2	44			5	10			6	6								
	3	44			2	4			4	4								
1992	1	40			1	1			1									
	2	40			1	3			1	1								
	3	40																
	1	42				1												
	2	42			1	3			1	1								
	3	42																
	1	44				1												
	2	44			1	2			1	1								
	3	44																
1993	1	40			2	6			6	6								
	2	40			5	10			9	9								
	3	40			2	3			3	3								
	1	42			1	6			2	2								
	2	42			5	10			9	9								
	3	42			2	3			3	3								
	1	44				5			1	1								
	2	44			5	9			8	8								
	3	44			1	3			3	3								
1994	1	40				7			2	2								
	2	40			4	9			5	5								
	3	40			1	4			3	3								
	1	42				4												
	2	42			4	9			4	4								
	3	42			1	4			3	3								
	1	44				4												
	2	44			4	8			4	4								
	3	44			1	4			2	2								
1995	1	40			1	4			2	2								
	2	40			3	8			4	4								
	3	40				1			1	1								
	1	42			1	3			1									
	2	42			1	5			4	4								
	3	42				1												
	1	44				1												
	2	44			1	4			4	4								
	3	44				1												

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1			1	1								
	2	40			1	1			1	1								
	3	40																
	1	42				1												
	2	42			1	1			1	1								
	3	42																
	1	44				1												
	2	44			1	1			1	1								
	3	44																
1997	1	40			7	13			7	7								
	2	40			10	16			14	14								
	3	40			5	10			7	7								
	1	42			3	11			5	3								
	2	42			10	16			13	13								
	3	42			3	8			6	6								
	1	44				10												
	2	44			9	16			10	10								
	3	44			3	7			6	6								
1998	1	40			6	12			6	6								
	2	40			11	14			11	11								
	3	40			2	5			2	2								
	1	42			4	12			4	1								
	2	42			9	14			10	9								
	3	42			2	5			2	2								
	1	44				8												
	2	44			8	13			8	6								
	3	44			2	5			2	2								
1999	1	40				5			2	2								
	2	40			3	9			4	4								
	3	40				1												
	1	42				3												
	2	42			2	9			3	3								
	3	42																
	1	44				2												
	2	44				6			3	3								
	3	44																
2000	1	40			1	9			2	2								
	2	40			7	13			7	7								
	3	40			3	7			3	3								
	1	42				8												
	2	42			6	12			7	7								
	3	42			1	6			3	3								
	1	44				6												
	2	44			5	12			6	6								
	3	44			1	5			3	3								
2001	1	40				8			1	1								
	2	40			4	13			6	6								
	3	40				4			1	1								
	1	42				5												
	2	42			3	13			6	6								
	3	42				4			1	1								
	1	44				3												
	2	44			1	12			5	5								
	3	44				2			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				1				1								
	2	40				2				2								
	3	40				1				1								
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1991	1	40			1	5			1	5								
	2	40			5	7			5	7								
	3	40			2	3			3	3								
	1	42				5				5								
	2	42			5	7			5	7								
	3	42			2	3			3	3								
	1	44				3				3								
	2	44			3	5			4	5								
	3	44			1	3			3	3								
1992	1	40				1				1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1993	1	40				2			1	2								
	2	40			2	6			7	7								
	3	40				2			1	2								
	1	42				1				1								
	2	42			1	5			4	5								
	3	42				2			1	2								
	1	44				1				1								
	2	44			1	5			2	5								
	3	44				2			1	2								
1994	1	40				3				3								
	2	40				4			2	4								
	3	40				3				3								
	1	42																
	2	42				4			1	4								
	3	42				2				2								
	1	44																
	2	44				4				4								
	3	44				1				1								
1995	1	40				1				1								
	2	40			1	3			3	3								
	3	40																
	1	42				1				1								
	2	42			1	2			1	2								
	3	42																
	1	44																
	2	44			1	1			1	1								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1				1								
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1997	1	40				9				9								
	2	40			6	11			9	11								
	3	40			1	5			4	5								
	1	42				5				5								
	2	42			4	10			7	10								
	3	42				5			3	5								
	1	44				1				1								
	2	44			2	10			4	10								
	3	44				4			2	4								
1998	1	40				6				6								
	2	40			6	12			6	11								
	3	40			1	2			1	2								
	1	42				4				4								
	2	42			5	11			5	10								
	3	42				2			1	2								
	1	44				2				2								
	2	44			3	9			3	8								
	3	44				2			1	2								
1999	1	40																
	2	40				3			2	3								
	3	40																
	1	42																
	2	42				3			1	3								
	3	42																
	1	44																
	2	44				2				2								
	3	44																
2000	1	40				4				4								
	2	40			1	8			4	8								
	3	40				3			1	3								
	1	42				1				1								
	2	42			1	7			2	7								
	3	42				3			1	3								
	1	44																
	2	44				6			1	6								
	3	44				1			1	1								
2001	1	40				1				1								
	2	40				5			2	5								
	3	40							1	1								
	1	42																
	2	42				4			1	4								
	3	42																
	1	44																
	2	44				3				3								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				1												
	2	40				7												
	3	40				1												
	1	42				1												
	2	42				6												
	3	42				1												
	1	44																
	2	44				3												
	3	44				1												
1991	1	40			3	7			3									
	2	40			5	8			5	5								
	3	40			2	4			3	3								
	1	42				5												
	2	42			5	8			5	5								
	3	42			2	3			3	3								
	1	44				5												
	2	44			5	7			5	4								
	3	44			2	3			3	3								
1992	1	40				1												
	2	40			1	1			1									
	3	40																
	1	42				1												
	2	42			1	1			1									
	3	42																
	1	44				1												
	2	44				1												
	3	44																
1993	1	40			1	5			1	1								
	2	40			2	7			7	7								
	3	40				3			1	1								
	1	42				5												
	2	42			2	6			4	4								
	3	42				2			1	1								
	1	44				2												
	2	44			1	6			2	2								
	3	44				2			1	1								
1994	1	40				4												
	2	40			3	7			3	2								
	3	40				4												
	1	42				4												
	2	42				7			1	1								
	3	42				3												
	1	44																
	2	44				4												
	3	44				3												
1995	1	40				2												
	2	40			1	4			3	3								
	3	40				1												
	1	42				1												
	2	42			1	4			1	1								
	3	42																
	1	44				1												
	2	44			1	3			1	1								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1												
	2	40			1	1			1	1								
	3	40																
	1	42				1												
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1												
	3	44																
1997	1	40			1	10			1									
	2	40			8	13			9	9								
	3	40			3	7			4	4								
	1	42				9												
	2	42			6	13			7	7								
	3	42			2	7			3	3								
	1	44				6												
	2	44			4	11			5	3								
	3	44				6			2	2								
1998	1	40			2	10			2									
	2	40			7	13			7	6								
	3	40			1	5			1	1								
	1	42				7												
	2	42			6	12			6	4								
	3	42			1	3			1	1								
	1	44				5												
	2	44			5	12			4	2								
	3	44				3			1	1								
1999	1	40				3												
	2	40				5			2	2								
	3	40																
	1	42																
	2	42				5			1	1								
	3	42																
	1	44																
	2	44				4												
	3	44																
2000	1	40				7												
	2	40			3	9			5	4								
	3	40				5			1	1								
	1	42				5												
	2	42			1	9			2	2								
	3	42				5			1	1								
	1	44				1												
	2	44			1	9			1	1								
	3	44				4			1	1								
2001	1	40				4												
	2	40			1	11			2	2								
	3	40				1			1	1								
	1	42				1												
	2	42				6			1	1								
	3	42				1												
	1	44																
	2	44				5												
	3	44				1												

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				1				1								
	2	40			1	7			3	7								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	5			2	5								
	3	42				1			1	1								
	1	44																
	2	44				2			2	2								
	3	44				1			1	1								
1991	1	40			5	7			5	7								
	2	40			5	8			8	8								
	3	40			2	4			4	4								
	1	42			2	5			3	5								
	2	42			5	8			7	8								
	3	42			2	3			4	4								
	1	44				5				5								
	2	44			5	7			5	7								
	3	44			2	3			3	3								
1992	1	40				1				1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44				1				1								
	2	44			1	1			1	1								
	3	44																
1993	1	40			1	5			4	5								
	2	40			5	7			9	9								
	3	40			1	3			3	3								
	1	42			1	4			2	4								
	2	42			2	6			8	8								
	3	42				2			3	3								
	1	44				2				2								
	2	44			2	6			7	7								
	3	44				2			2	3								
1994	1	40				4				4								
	2	40			4	7			4	7								
	3	40			1	3			3	3								
	1	42				4				4								
	2	42			3	6			4	6								
	3	42				3			2	3								
	1	44																
	2	44				4			3	4								
	3	44				3			2	3								
1995	1	40			1	2			1	2								
	2	40			1	4			4	4								
	3	40																
	1	42				1				1								
	2	42			1	4			4	4								
	3	42																
	1	44				1				1								
	2	44			1	3			3	3								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1			1	1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																
1997	1	40			4	10			7	10								
	2	40			9	13			13	13								
	3	40			3	7			6	7								
	1	42				9			1	9								
	2	42			9	13			10	13								
	3	42			3	7			6	7								
	1	44				6				6								
	2	44			7	11			10	11								
	3	44			3	6			4	6								
1998	1	40			5	11			5	10								
	2	40			8	12			9	12								
	3	40			2	5			2	5								
	1	42				6				6								
	2	42			7	12			8	12								
	3	42			2	3			2	3								
	1	44				5				5								
	2	44			6	12			6	12								
	3	44			1	3			2	3								
1999	1	40				2			1	2								
	2	40			2	5			4	5								
	3	40																
	1	42																
	2	42				5			3	5								
	3	42																
	1	44																
	2	44				4			2	4								
	3	44																
2000	1	40			1	7			2	7								
	2	40			5	9			7	9								
	3	40			1	5			3	5								
	1	42				4				4								
	2	42			4	9			7	9								
	3	42			1	4			3	4								
	1	44				1				1								
	2	44			1	9			6	9								
	3	44				4			2	4								
2001	1	40				4			1	4								
	2	40			2	9			6	9								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	5			5	6								
	3	42				1			1	1								
	1	44																
	2	44				5			3	5								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				5												
	2	40			1	7			3	3								
	3	40				1			1	1								
	1	42				1												
	2	42			1	7			2	2								
	3	42				1			1	1								
	1	44				1												
	2	44			1	7			2	2								
	3	44				1			1	1								
1991	1	40			5	8			5	5								
	2	40			7	12			8	8								
	3	40			3	4			4	4								
	1	42			3	7			4	2								
	2	42			5	10			7	7								
	3	42			2	4			4	4								
	1	44				5												
	2	44			5	9			5	5								
	3	44			2	4			3	3								
1992	1	40			1	1			1									
	2	40			1	3			1	1								
	3	40																
	1	42				1												
	2	42			1	3			1	1								
	3	42																
	1	44				1												
	2	44			1	2			1	1								
	3	44																
1993	1	40			2	6			4	4								
	2	40			5	10			9	9								
	3	40			2	3			3	3								
	1	42			1	5			2	2								
	2	42			5	9			8	8								
	3	42			1	3			3	3								
	1	44				5												
	2	44			2	7			7	7								
	3	44				3			2	2								
1994	1	40				6												
	2	40			4	9			4	4								
	3	40			1	4			3	3								
	1	42				4												
	2	42			4	8			4	4								
	3	42			1	4			2	2								
	1	44				4												
	2	44			3	8			3	3								
	3	44			1	4			2	2								
1995	1	40			1	4			1	1								
	2	40			2	6			4	4								
	3	40				1												
	1	42				3												
	2	42			1	4			4	4								
	3	42				1												
	1	44				1												
	2	44			1	4			3	3								
	3	44				1												

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1			1	1								
	2	40			1	1			1	1								
	3	40																
	1	42				1												
	2	42			1	1			1	1								
	3	42																
	1	44				1												
	2	44			1	1			1	1								
	3	44																
1997	1	40			6	13			7	6								
	2	40			10	16			13	13								
	3	40			3	8			6	6								
	1	42			1	11			1	1								
	2	42			9	16			10	10								
	3	42			3	7			6	6								
	1	44				9												
	2	44			9	14			10	10								
	3	44			3	7			4	4								
1998	1	40			6	12			6	4								
	2	40			11	14			10	9								
	3	40			2	5			2	2								
	1	42			2	10			2									
	2	42			8	13			9	8								
	3	42			2	5			2	2								
	1	44				7												
	2	44			7	13			7	6								
	3	44			2	5			2	2								
1999	1	40				5			1	1								
	2	40			2	9			4	4								
	3	40				1												
	1	42				3												
	2	42			2	6			3	3								
	3	42																
	1	44				2												
	2	44				6			2	2								
	3	44																
2000	1	40			1	9			2	2								
	2	40			6	12			7	7								
	3	40			1	7			3	3								
	1	42				7												
	2	42			6	12			7	7								
	3	42			1	5			3	3								
	1	44				5												
	2	44			4	11			6	6								
	3	44			1	5			2	2								
2001	1	40				5			1	1								
	2	40			4	13			6	6								
	3	40				4			1	1								
	1	42				4												
	2	42			2	12			5	5								
	3	42				2			1	1								
	1	44				2												
	2	44			1	11			3	3								
	3	44				2			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(15)

City	Melbourne	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40				1				1								
	2	40			1	7			3	7								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	6			2	6								
	3	42				1			1	1								
	1	44																
	2	44				3			2	3								
	3	44				1			1	1								
1991	1	40			5	7			5	7								
	2	40			5	8			8	8								
	3	40			2	4			4	4								
	1	42			3	5			4	5								
	2	42			5	8			7	8								
	3	42			2	3			4	4								
	1	44				5				5								
	2	44			5	8			5	8								
	3	44			2	3			3	3								
1992	1	40			1	1			1	1								
	2	40			1	2			1	2								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44				1				1								
	2	44			1	1			1	1								
	3	44																
1993	1	40			1	5			5	5								
	2	40			5	7			9	9								
	3	40			1	3			3	3								
	1	42			1	5			2	5								
	2	42			4	6			8	8								
	3	42				2			3	3								
	1	44				2			1	2								
	2	44			2	6			8	8								
	3	44				2			3	3								
1994	1	40				4			1	4								
	2	40			4	7			5	7								
	3	40			1	4			3	4								
	1	42				4				4								
	2	42			4	7			4	7								
	3	42			1	3			3	3								
	1	44																
	2	44				5			4	5								
	3	44				3			2	3								
1995	1	40			1	3			1	3								
	2	40			1	4			4	4								
	3	40				1				1								
	1	42				1				1								
	2	42			1	4			4	4								
	3	42																
	1	44				1				1								
	2	44			1	4			3	4								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(15)

City	Melbourne	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				1			1	1								
	2	40			1	1			1	1								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44																
	2	44			1	1			1	1								
	3	44																
1997	1	40			5	11			7	11								
	2	40			9	13			14	14								
	3	40			3	7			6	7								
	1	42			1	9			1	9								
	2	42			9	13			10	13								
	3	42			3	7			6	7								
	1	44				6				6								
	2	44			7	11			10	11								
	3	44			3	6			5	7								
1998	1	40			5	11			5	10								
	2	40			8	13			11	13								
	3	40			2	5			2	5								
	1	42			1	7			2	7								
	2	42			7	12			8	12								
	3	42			2	4			2	4								
	1	44				5				5								
	2	44			6	12			6	12								
	3	44			2	3			2	3								
1999	1	40				3			1	3								
	2	40			2	5			4	5								
	3	40																
	1	42																
	2	42				5			3	5								
	3	42																
	1	44																
	2	44				4			3	4								
	3	44																
2000	1	40			1	7			2	7								
	2	40			6	10			7	10								
	3	40			1	5			3	5								
	1	42				5				5								
	2	42			4	9			7	9								
	3	42			1	5			3	5								
	1	44				1				1								
	2	44			1	9			6	9								
	3	44			1	4			2	4								
2001	1	40				4			1	4								
	2	40			2	11			6	11								
	3	40				1			1	1								
	1	42				2				2								
	2	42			1	6			5	7								
	3	42				1			1	1								
	1	44																
	2	44			1	5			4	6								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(15a)

City	Melbourne	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40				6												
	2	40			1	7			3	3								
	3	40				1			1	1								
	1	42				2												
	2	42			1	7			2	2								
	3	42				1			1	1								
	1	44				1												
	2	44			1	7			2	2								
	3	44				1			1	1								
1991	1	40			5	8			5	5								
	2	40			7	12			8	8								
	3	40			3	5			4	4								
	1	42			5	7			5	2								
	2	42			5	11			7	7								
	3	42			3	4			4	4								
	1	44				5												
	2	44			5	10			5	5								
	3	44			2	4			3	3								
1992	1	40			1	1			1									
	2	40			1	3			1	1								
	3	40																
	1	42				1												
	2	42			1	3			1	1								
	3	42																
	1	44				1												
	2	44			1	2			1	1								
	3	44																
1993	1	40			2	6			5	5								
	2	40			5	10			9	9								
	3	40			2	3			3	3								
	1	42			1	6			2	2								
	2	42			5	10			8	8								
	3	42			1	3			3	3								
	1	44				5			1	1								
	2	44			4	8			8	8								
	3	44			1	3			3	3								
1994	1	40				7			1	1								
	2	40			4	9			5	5								
	3	40			1	4			3	3								
	1	42				4												
	2	42			4	8			4	4								
	3	42			1	4			3	3								
	1	44				4												
	2	44			4	8			4	4								
	3	44			1	4			2	2								
1995	1	40			1	4			1	1								
	2	40			2	8			4	4								
	3	40				1												
	1	42			1	3			1									
	2	42			1	4			4	4								
	3	42				1												
	1	44				1												
	2	44			1	4			3	3								
	3	44				1												

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(15a)

City	Melbourne	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				1			1	1								
	2	40			1	1			1	1								
	3	40																
	1	42				1												
	2	42			1	1			1	1								
	3	42																
	1	44				1												
	2	44			1	1			1	1								
	3	44																
1997	1	40			6	13			7	7								
	2	40			10	16			14	14								
	3	40			4	10			6	6								
	1	42			2	11			2	1								
	2	42			10	16			10	10								
	3	42			3	8			6	6								
	1	44				9												
	2	44			9	15			10	10								
	3	44			3	7			5	5								
1998	1	40			6	12			6	5								
	2	40			11	14			11	11								
	3	40			2	5			2	2								
	1	42			3	11			3	1								
	2	42			8	13			9	8								
	3	42			2	5			2	2								
	1	44				7												
	2	44			7	13			7	6								
	3	44			2	5			2	2								
1999	1	40				5			1	1								
	2	40			2	9			4	4								
	3	40				1												
	1	42				3												
	2	42			2	7			3	3								
	3	42																
	1	44				2												
	2	44				6			3	3								
	3	44																
2000	1	40			1	9			2	2								
	2	40			7	13			7	7								
	3	40			1	7			3	3								
	1	42				8												
	2	42			6	12			7	7								
	3	42			1	6			3	3								
	1	44				6												
	2	44			4	12			6	6								
	3	44			1	5			2	2								
2001	1	40				6			1	1								
	2	40			4	13			6	6								
	3	40				4			1	1								
	1	42				5												
	2	42			2	13			5	5								
	3	42				2			1	1								
	1	44				2												
	2	44			1	11			4	4								
	3	44				2			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(16)

City	Melbourne	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			6	8			10	10								
	2	40			7	14			15	17								
	3	40			1	2			2	2								
	1	42			1	7			7	7								
	2	42			7	13			13	14								
	3	42			1	2			2	2								
	1	44			1	7			3	7								
	2	44			7	13			12	14								
	3	44			1	2			2	2								
1991	1	40		3	8	12		3	11	12								
	2	40		5	12	13		5	12	13							4	5
	3	40		2	4	7		2	7	7							3	3
	1	42			7	11			10	11								
	2	42		5	10	12		5	12	12							1	1
	3	42		2	4	6		2	6	7							1	2
	1	44			5	8			8	8								
	2	44		5	9	12		5	12	12								
	3	44		2	4	6		2	5	6								
1992	1	40			1	4			4	5								
	2	40		1	3	7		1	9	9								
	3	40				2			2	2								
	1	42			1	3			2	3								
	2	42		1	3	6		1	7	7								
	3	42				1			2	2								
	1	44			1	1			1	1								
	2	44			2	5			6	6								
	3	44				1			2	2								
1993	1	40		1	6	10		1	11	11								
	2	40		2	10	12		2	15	15							3	3
	3	40			3	6			7	8							3	4
	1	42			5	10			10	10								
	2	42		2	9	11		2	12	12							1	1
	3	42			3	6			7	7							2	2
	1	44			5	7			9	9								
	2	44		1	7	11		1	12	12							1	1
	3	44			3	5			7	7							1	1
1994	1	40			7	9			9	9								
	2	40			9	12			12	12								
	3	40			4	6			6	6								1
	1	42			4	8			8	8								
	2	42			8	12			10	12								
	3	42			4	6			5	6								
	1	44			4	7			4	7								
	2	44			8	12			10	12								
	3	44			4	5			4	5								
1995	1	40			4	8			8	8								
	2	40		1	6	11		1	11	11							1	1
	3	40			2	3			4	4								
	1	42			3	4			5	5								
	2	42		1	4	9		1	10	10								
	3	42			1	1			4	4								
	1	44			1	4			4	4								
	2	44		1	4	8		1	9	9								
	3	44			1	1			4	4								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(16)

City	Melbourne	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			1	2			1	2								
	2	40		1	1	5		1	5	5								
	3	40																
	1	42			1	1			1	1								
	2	42			1	5			5	5								
	3	42																
	1	44			1	1			1	1								
	2	44			1	3			3	5								
	3	44																
1997	1	40			13	17			16	17								
	2	40		7	16	20		7	18	20							3	5
	3	40		2	8	12		2	13	13							2	5
	1	42			11	16			14	16								
	2	42		6	16	18		6	17	18							1	1
	3	42		1	7	11		1	13	13							1	1
	1	44			9	13			13	13								
	2	44		3	14	18		3	17	18								
	3	44			7	11			12	13								
1998	1	40			12	15			15	15								
	2	40		5	14	18		5	16	18							2	4
	3	40		1	5	11		1	9	12							1	2
	1	42			11	13			14	14								
	2	42		4	13	18		4	15	18								
	3	42		1	5	10		1	8	10								1
	1	44			8	12			9	12								
	2	44		4	13	18		4	15	18								
	3	44			5	10			7	10								
1999	1	40			5	10			7	10								
	2	40			9	15			15	16								
	3	40				5			5	6								
	1	42			3	7			6	7								
	2	42			6	15			13	16								
	3	42				4			5	6								
	1	44			2	5			4	5								
	2	44			6	12			10	12								
	3	44				3			4	4								
2000	1	40			9	16			14	16								
	2	40		1	13	24		1	21	25							1	1
	3	40			6	10			11	11								1
	1	42			7	12			12	13								
	2	42		1	13	19		1	19	20								
	3	42			5	10			10	11								
	1	44			5	9			7	9								
	2	44			11	18			16	19								
	3	44			5	9			8	9								
2001	1	40			6	16			14	17								
	2	40			13	22			19	22								
	3	40			4	8			8	10							1	1
	1	42			4	13			9	13								
	2	42			12	20			19	21								
	3	42			2	7			7	9								
	1	44			2	9			6	9								
	2	44			11	19			16	20								
	3	44			2	6			5	6								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(16a)

City	Melbourne	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			7	13			10	10								
	2	40		1	8	22		1	15	15				1		4		
	3	40		1	1	3		1	2	2		1		1		2		
	1	42			3	9			7	7								
	2	42		1	7	17		1	13	13								
	3	42			1	2			2	2						1		
	1	44			1	7			3	3								
	2	44		1	7	15		1	12	12								
	3	44			1	2			2	2								
1991	1	40		5	8	12		5	11	11								
	2	40	2	7	12	14	2	7	12	12		5		5		7	4	4
	3	40		3	5	8		3	7	7		3		4		6	3	3
	1	42		3	7	12		3	10	10								
	2	42		5	12	14		5	12	12				2		5	1	1
	3	42		3	5	7		3	6	6		2		3		5	1	1
	1	44			6	12			8	8								
	2	44		5	10	14		5	12	12								
	3	44		2	4	7		2	5	5		1		2		3		
1992	1	40		1	1	6		1	4	4								
	2	40		1	4	9		1	9	9		1		1		1		
	3	40				2			2	2						2		
	1	42			1	5			2	2								
	2	42		1	3	8		1	7	7						1		
	3	42				2			2	2								
	1	44			1	3			1	1								
	2	44		1	3	8		1	6	6								
	3	44				2			2	2								
1993	1	40		2	7	11		2	11	11								
	2	40	1	6	10	16	1	6	15	15		2		3		6	3	3
	3	40		2	3	7		2	7	7		2		3		6	3	3
	1	42		1	6	10		1	10	10								
	2	42		5	10	14		5	12	12				1		2	1	1
	3	42		2	3	7		2	7	7				1		3	2	2
	1	44			5	10			9	9								
	2	44		2	9	12		2	12	12							1	1
	3	44			3	7			7	7						2	1	1
1994	1	40			7	12			9	9								
	2	40		4	9	15		4	12	12				3		4		
	3	40		3	4	7		3	6	6		3		4		6		
	1	42			4	9			8	8								
	2	42		4	9	14		4	10	10								
	3	42		1	4	6		1	5	5				1		4		
	1	44			4	9			4	4								
	2	44		3	8	13		3	10	10								
	3	44		1	4	6		1	4	4						1		
1995	1	40		1	4	9		1	8	8								
	2	40		2	8	13		2	11	11		1		1		3	1	1
	3	40			2	5			4	4				1		4		
	1	42			3	8			5	5								
	2	42		1	6	12		1	10	10						1		
	3	42			1	4			4	4						1		
	1	44			2	6			4	4								
	2	44		1	4	11		1	9	9								
	3	44			1	4			4	4								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(16a)

City	Melbourne	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			1	5			1	1								
	2	40		1	2	5		1	5	5				1		1		
	3	40				2												
	1	42			1	3			1	1								
	2	42		1	1	5		1	5	5								
	3	42				2												
	1	44			1	1			1	1								
	2	44		1	1	5		1	3	3								
	3	44				1												
1997	1	40		6	13	18		6	16	16								
	2	40		10	16	23		10	18	18		7		9		11	3	3
	3	40		6	10	13		6	13	13		6		7		13	2	2
	1	42		1	11	17		1	14	14								
	2	42		9	16	22		9	17	17				2		7	1	1
	3	42		4	10	13		4	13	13		2		3		7	1	1
	1	44			10	16			13	13								
	2	44		8	16	21		8	17	17								
	3	44		3	8	12		3	12	12						3		
1998	1	40		4	13	18		4	15	15								
	2	40		11	15	21		11	16	16		5		6		11	2	2
	3	40		2	5	11		2	9	9		3		5		11	1	1
	1	42		2	12	16		2	14	14								
	2	42		7	14	20		7	15	15				2		5		
	3	42		2	5	11		2	8	8		1		2		5		
	1	44			10	14			10	9								
	2	44		6	13	18		6	15	15								
	3	44		2	5	11		2	7	7						2		
1999	1	40			5	15			7	7								
	2	40		3	10	17		3	15	15						4		
	3	40			1	7			5	5						4		
	1	42			4	10			6	6								
	2	42		2	9	17		2	13	13								
	3	42			1	7			5	5								
	1	44			2	9			4	4								
	2	44			6	16			10	10								
	3	44				6			4	4								
2000	1	40		1	9	18		1	14	14								
	2	40		7	17	28		7	21	21		1		4		8	1	1
	3	40		5	7	12		5	11	11		3		5		10		
	1	42			9	17			12	12								
	2	42		5	14	28		5	19	19						1		
	3	42		3	7	11		3	10	10				1		5		
	1	44			6	12			7	7								
	2	44		3	12	27		3	16	16								
	3	44		1	6	10		1	8	8						1		
2001	1	40			10	20			14	14								
	2	40		5	15	24		5	19	19				1		5		
	3	40		1	4	12		1	8	8				2		7	1	1
	1	42			5	17			9	9								
	2	42		2	13	24		2	19	19								
	3	42			4	12			7	7						2		
	1	44			4	13			6	6								
	2	44		1	12	22		1	16	16								
	3	44			2	11			5	5								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40																
	2	40				1				1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1991	1	40				5				5								
	2	40			5	7			5	7								
	3	40			1	3			3	3								
	1	42				5				5								
	2	42			4	5			4	5								
	3	42			1	3			2	3								
	1	44				1				1								
	2	44			3	5			4	5								
	3	44			1	2			2	2								
1992	1	40				1				1								
	2	40				1				1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1993	1	40				2			1	2								
	2	40			1	5			4	5								
	3	40				2			1	2								
	1	42				1				1								
	2	42			1	5			2	5								
	3	42				1			1	1								
	1	44																
	2	44			1	5			2	5								
	3	44				1			1	1								
1994	1	40																
	2	40				4			1	4								
	3	40				1				1								
	1	42																
	2	42				4				4								
	3	42				1				1								
	1	44																
	2	44				4				4								
	3	44				1				1								
1995	1	40				1				1								
	2	40			1	2			1	2								
	3	40																
	1	42				1				1								
	2	42			1	1			1	1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1				1								
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1997	1	40				7				7								
	2	40			4	10			7	10								
	3	40				5			2	5								
	1	42				3				3								
	2	42			2	10			4	10								
	3	42				3			2	3								
	1	44																
	2	44			1	9			1	9								
	3	44				3			2	3								
1998	1	40				5				5								
	2	40			5	11			5	10								
	3	40				2			1	2								
	1	42				4				4								
	2	42			4	9			3	8								
	3	42				2			1	2								
	1	44																
	2	44				7			1	7								
	3	44				2				2								
1999	1	40																
	2	40				3			1	3								
	3	40																
	1	42																
	2	42				2				2								
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				1				1								
	2	40			1	7			2	7								
	3	40				1			1	1								
	1	42																
	2	42				6			1	6								
	3	42				1				1								
	1	44																
	2	44				5				5								
	3	44				1				1								
2001	1	40																
	2	40				4			1	4								
	3	40																
	1	42																
	2	42				3				3								
	3	42																
	1	44																
	2	44				1				1								
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				1												
	2	40				6												
	3	40				1												
	1	42																
	2	42				3												
	3	42				1												
	1	44																
	2	44				2												
	3	44				1												
1991	1	40			1	5			1									
	2	40			5	8			5	5								
	3	40			2	3			3	3								
	1	42				5												
	2	42			5	8			5	4								
	3	42			2	3			2	2								
	1	44				5												
	2	44			4	7			4	2								
	3	44			1	3			2	2								
1992	1	40				1												
	2	40			1	1			1									
	3	40																
	1	42				1												
	2	42			1	1			1									
	3	42																
	1	44																
	2	44				1												
	3	44																
1993	1	40				5			1	1								
	2	40			2	6			4	4								
	3	40				2			1	1								
	1	42				2												
	2	42			1	6			2	2								
	3	42				2			1	1								
	1	44				1												
	2	44			1	5			2	2								
	3	44				2			1	1								
1994	1	40				4												
	2	40				7			1	1								
	3	40				3												
	1	42				3												
	2	42				5												
	3	42				3												
	1	44																
	2	44				4												
	3	44				3												
1995	1	40				1												
	2	40			1	4			1	1								
	3	40																
	1	42				1												
	2	42			1	4			1	1								
	3	42																
	1	44				1												
	2	44			1	3			1									
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40				1												
	2	40				1			1	1								
	3	40																
	1	42				1												
	2	42				1												
	3	42																
	1	44																
	2	44				1												
	3	44																
1997	1	40				10												
	2	40			6	13			7	7								
	3	40			1	7			2	2								
	1	42				8												
	2	42			5	11			5	3								
	3	42				6			2	2								
	1	44				4												
	2	44			2	11			2	1								
	3	44				6			2	2								
1998	1	40				8												
	2	40			6	12			6	4								
	3	40			1	3			1	1								
	1	42				6												
	2	42			5	12			4	2								
	3	42				3			1	1								
	1	44				4												
	2	44			3	11			3	1								
	3	44				2												
1999	1	40				2												
	2	40				5			1	1								
	3	40																
	1	42																
	2	42				4												
	3	42																
	1	44																
	2	44				3												
	3	44																
2000	1	40				6												
	2	40			1	9			2	2								
	3	40				4			1	1								
	1	42				3												
	2	42			1	9			1	1								
	3	42				4												
	1	44				1												
	2	44				8												
	3	44				3												
2001	1	40				3												
	2	40				6			1	1								
	3	40				1												
	1	42				1												
	2	42				5												
	3	42				1												
	1	44																
	2	44				4												
	3	44																

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40				4			2	4								
	2	40			1	7			7	7								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	7			5	7								
	3	42				1			1	1								
	1	44				1				1								
	2	44			1	7			3	7								
	3	44				1			1	1								
1991	1	40			5	8			5	8								
	2	40			7	11			9	11								
	3	40			3	4			4	4								
	1	42			5	7			5	7								
	2	42			6	10			8	10								
	3	42			3	4			4	4								
	1	44			2	5			3	5								
	2	44			5	8			8	8								
	3	44			3	4			4	4								
1992	1	40			1	1			1	1								
	2	40			1	3			2	3								
	3	40																
	1	42				1				1								
	2	42			1	2			1	2								
	3	42																
	1	44				1				1								
	2	44			1	1			1	1								
	3	44																
1993	1	40			2	6			8	8								
	2	40			5	9			9	10								
	3	40			2	3			3	3								
	1	42			1	5			4	5								
	2	42			5	8			9	10								
	3	42			2	3			3	3								
	1	44			1	4			2	4								
	2	44			5	7			9	9								
	3	44			1	3			3	3								
1994	1	40			1	5			4	5								
	2	40			4	8			8	8								
	3	40			3	4			3	4								
	1	42				4				4								
	2	42			4	8			5	8								
	3	42			1	4			3	4								
	1	44				3				3								
	2	44			4	7			4	7								
	3	44			1	4			3	4								
1995	1	40			1	4			3	4								
	2	40			3	4			5	5								
	3	40				1			1	1								
	1	42			1	2			1	2								
	2	42			2	4			4	4								
	3	42				1			1	1								
	1	44				1				1								
	2	44			1	4			4	4								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40			1	1			1	1								
	2	40			1	1			1	1								
	3	40																
	1	42				1			1	1								
	2	42			1	1			1	1								
	3	42																
	1	44				1				1								
	2	44			1	1			1	1								
	3	44																
1997	1	40			8	11			10	11								
	2	40			11	16			14	16								
	3	40			5	7			8	8								
	1	42			4	10			7	10								
	2	42			10	15			14	16								
	3	42			4	7			7	7								
	1	44				9			1	9								
	2	44			9	13			13	13								
	3	44			3	7			7	7								
1998	1	40			6	12			6	12								
	2	40			11	13			14	14								
	3	40			2	5			5	5								
	1	42			5	11			5	10								
	2	42			10	13			13	14								
	3	42			2	5			5	5								
	1	44				6				6								
	2	44			8	12			9	12								
	3	44			2	5			2	5								
1999	1	40				5			3	5								
	2	40			3	7			6	7								
	3	40																
	1	42				2			1	2								
	2	42			2	6			5	6								
	3	42																
	1	44																
	2	44			2	5			4	5								
	3	44																
2000	1	40			1	9			6	9								
	2	40			7	12			12	13								
	3	40			3	5			4	5								
	1	42				7			2	7								
	2	42			6	12			9	12								
	3	42			1	5			3	5								
	1	44				4				4								
	2	44			5	9			7	9								
	3	44			1	5			3	5								
2001	1	40			1	5			4	6								
	2	40			4	13			9	13								
	3	40				2			1	2								
	1	42				4			1	4								
	2	42			4	11			7	11								
	3	42				2			1	2								
	1	44				1				1								
	2	44			2	9			6	9								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1990	1	40			1	7			2	2								
	2	40			3	9			7	7								
	3	40			1	1			1	1								
	1	42				5												
	2	42			1	8			5	5								
	3	42				1			1	1								
	1	44				1												
	2	44			1	7			3	3								
	3	44				1			1	1								
1991	1	40			5	10			5	5								
	2	40		3	7	12		3	9	9								
	3	40		1	3	5		1	4	4								
	1	42			5	8			5	5								
	2	42		2	7	12		2	8	8								
	3	42			3	5			4	4								
	1	44			3	7			4	2								
	2	44			6	12			8	8								
	3	44			3	5			4	4								
1992	1	40			1	2			1	1								
	2	40			1	5			2	2								
	3	40				1												
	1	42			1	1			1									
	2	42			1	3			1	1								
	3	42																
	1	44				1												
	2	44			1	3			1	1								
	3	44																
1993	1	40			4	8			8	8								
	2	40		1	6	10		1	9	9								
	3	40			2	4			3	3								
	1	42			2	6			4	4								
	2	42		1	5	10		1	9	9								
	3	42			2	3			3	3								
	1	44			1	5			2	2								
	2	44			5	10			9	9								
	3	44			2	3			3	3								
1994	1	40			4	8			4	4								
	2	40			4	9			8	8								
	3	40			3	4			3	3								
	1	42				6												
	2	42			4	9			5	5								
	3	42			3	4			3	3								
	1	44				4												
	2	44			4	9			4	4								
	3	44			1	4			3	3								
1995	1	40			1	4			3	3								
	2	40			3	8			5	5								
	3	40				1			1	1								
	1	42			1	4			1	1								
	2	42			3	8			4	4								
	3	42				1			1	1								
	1	44				3												
	2	44			2	6			4	4								
	3	44				1			1	1								

APPENDIX - 13
(Predicted dangerous days - 1990 - 2001)

Table - 13(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.
1996	1	40			1	1			1	1								
	2	40			1	2			1	1								
	3	40																
	1	42				1			1	1								
	2	42			1	2			1	1								
	3	42																
	1	44				1												
	2	44			1	1			1	1								
	3	44																
1997	1	40			9	15			10	10								
	2	40		1	11	17		1	14	14								
	3	40			6	10			8	8								
	1	42			6	13			7	6								
	2	42			11	16			14	14								
	3	42			5	10			7	7								
	1	44			1	11			1	1								
	2	44			10	16			13	13								
	3	44			5	10			7	7								
1998	1	40			7	13			7	6								
	2	40		2	12	16		2	14	14								
	3	40			2	7			5	5								
	1	42			6	12			6	4								
	2	42			11	15			13	13								
	3	42			2	5			5	5								
	1	44			2	10			2									
	2	44			10	14			10	9								
	3	44			2	5			2	2								
1999	1	40				6			3	3								
	2	40			4	10			6	6								
	3	40				3												
	1	42				5			1	1								
	2	42			3	10			5	5								
	3	42				3												
	1	44				3												
	2	44			2	9			4	4								
	3	44				1												
2000	1	40			4	12			6	6								
	2	40			9	17			12	12								
	3	40			3	8			4	4								
	1	42			1	9			2	2								
	2	42			7	14			9	9								
	3	42			3	7			3	3								
	1	44				7												
	2	44			6	12			7	7								
	3	44			3	7			3	3								
2001	1	40			1	11			4	4								
	2	40			5	17			9	9								
	3	40				4			1	1								
	1	42				5			1	1								
	2	42			4	15			7	7								
	3	42				4			1	1								
	1	44				4												
	2	44			4	13			6	6								
	3	44				4			1	1								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40				3			1	3								
	2	40			2	11			7	11								
	3	40			1	5			2	5								
	1	42				1				1								
	2	42			1	9			3	9								
	3	42				3			2	4								
	1	44																
	2	44			1	8			2	8								
	3	44				3			2	4								
1991	1	40			4	12			4	12								
	2	40		2	11	20		2	18	19								
	3	40		1	6	10		1	12	12								
	1	42			3	7			3	7								
	2	42		2	9	19		2	13	19								
	3	42			5	10			11	11								
	1	44			2	4			2	4								
	2	44		1	6	18		1	10	17								
	3	44			3	9			8	9								
1992	1	40				3				3								
	2	40			5	10			5	10								
	3	40				3			2	2								
	1	42				2				2								
	2	42			3	9			3	9								
	3	42				3			1	2								
	1	44																
	2	44			1	5			1	5								
	3	44				3				2								
1993	1	40				5				5								
	2	40			3	12			6	15								
	3	40				4			2	4								
	1	42				2				2								
	2	42			1	12			3	12								
	3	42				3			1	3								
	1	44																
	2	44				8			1	8								
	3	44				3			1	3								
1994	1	40			2	4			1	4								
	2	40			4	24			13	24								
	3	40			2	7			8	8								
	1	42			1	2				1								
	2	42			2	22			5	22								
	3	42			1	7			6	7								
	1	44				1				1								
	2	44			2	15			4	15								
	3	44				6			2	6								
1995	1	40				9			1	9								
	2	40			5	18			12	19								
	3	40				10			9	11								
	1	42				2				2								
	2	42			2	17			10	18								
	3	42				10			8	11								
	1	44				2				2								
	2	44			2	15			6	16								
	3	44				10			5	10								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			1	14			2	14								
	2	40			7	22			14	22								
	3	40			3	10			6	10								
	1	42				5				5								
	2	42			4	19			7	19								
	3	42			2	9			4	9								
	1	44				3				3								
	2	44			4	19			5	19								
	3	44			1	9			2	9								
1997	1	40			5	13			5	13								
	2	40			6	20			12	20								
	3	40			5	13			9	15								
	1	42			1	6			1	6								
	2	42			6	19			10	20								
	3	42			4	12			7	13								
	1	44				5				5								
	2	44			5	18			9	20								
	3	44			4	10			5	10								
1998	1	40			1	12			1	12								
	2	40			9	19			13	19								
	3	40			6	10			8	10								
	1	42			1	7			1	7								
	2	42			7	19			11	19								
	3	42			5	9			7	9								
	1	44				1				1								
	2	44			2	18			7	18								
	3	44			3	8			7	8								
1999	1	40				10				10								
	2	40			3	21			15	21								
	3	40			2	9			7	9								
	1	42				3				3								
	2	42			2	20			9	20								
	3	42				8			5	8								
	1	44																
	2	44				18			2	18								
	3	44				7			4	7								
2000	1	40			1	5			2	6								
	2	40			2	16			11	17								
	3	40			1	9			6	9								
	1	42				2				2								
	2	42			2	12			9	15								
	3	42			1	6			4	7								
	1	44				1				1								
	2	44			1	11			5	11								
	3	44				5			4	6								
2001	1	40				5				5								
	2	40			1	9			5	9								
	3	40			1	5			4	5								
	1	42				1				1								
	2	42				8			3	8								
	3	42			1	5			4	5								
	1	44																
	2	44				7			1	7								
	3	44				5			1	5								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40				9			1	1								
	2	40			3	15			7	7								
	3	40			1	6			2	2								
	1	42				5												
	2	42			2	14			3	3								
	3	42			1	6			2	2								
	1	44				2												
	2	44			1	12			2	2								
	3	44			1	5			2	2								
1991	1	40		2	5	19		2	5	4								
	2	40		2	14	26		2	18	18								
	3	40		2	7	15		2	12	12								
	1	42			3	13			3	1								
	2	42		2	10	23		2	13	13								
	3	42		2	7	13		2	11	11								
	1	44			2	8			2									
	2	44		2	9	22		2	11	10								
	3	44		1	6	12		1	8	8								
1992	1	40				9												
	2	40			5	17			5	5								
	3	40			1	6			2	2								
	1	42				4												
	2	42			4	15			3	3								
	3	42				4			2	1								
	1	44				3												
	2	44			2	11			2									
	3	44				3												
1993	1	40				12												
	2	40			5	17			8	6								
	3	40			1	7			2	2								
	1	42				7												
	2	42			3	15			3	3								
	3	42				6			1	1								
	1	44				3												
	2	44			1	15			2	1								
	3	44				6			1	1								
1994	1	40			2	22			1									
	2	40			5	29			13	13								
	3	40			4	14			8	8								
	1	42			1	9												
	2	42			4	27			5	5								
	3	42			2	12			6	6								
	1	44				2												
	2	44			2	24			4	4								
	3	44			1	11			2	2								
1995	1	40			2	17			2	1								
	2	40			9	21			14	12								
	3	40			2	13			9	9								
	1	42				11												
	2	42			5	19			10	10								
	3	42			1	13			8	8								
	1	44				5												
	2	44			2	18			6	6								
	3	44				13			5	5								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			3	19			3	1								
	2	40			12	27			14	14								
	3	40			5	14			6	6								
	1	42			1	15			1									
	2	42			7	25			8	7								
	3	42			5	13			5	4								
	1	44				7												
	2	44			4	22			5	5								
	3	44			3	13			3	2								
1997	1	40			5	19			5	4								
	2	40			12	23			16	12								
	3	40		1	6	14		1	9	9								
	1	42			2	15			2									
	2	42			6	20			10	10								
	3	42			6	14			7	7								
	1	44				6												
	2	44			6	20			10	9								
	3	44			5	14			5	5								
1998	1	40			1	19			1									
	2	40			12	26			14	13								
	3	40			6	13			8	8								
	1	42			1	16			1									
	2	42			9	21			12	11								
	3	42			6	11			7	7								
	1	44				9												
	2	44			7	20			8	6								
	3	44			5	11			7	6								
1999	1	40				20												
	2	40			8	28			16	15								
	3	40			4	13			7	7								
	1	42				14												
	2	42			4	24			10	9								
	3	42			2	13			6	5								
	1	44				3												
	2	44			2	22			2	2								
	3	44				12			4	4								
2000	1	40			1	12			2	2								
	2	40			5	24			11	11								
	3	40			1	12			6	6								
	1	42				7												
	2	42			3	22			9	9								
	3	42			1	10			4	4								
	1	44				2												
	2	44			2	16			5	5								
	3	44			1	9			4	4								
2001	1	40				8												
	2	40			5	17			6	5								
	3	40			3	7			4	4								
	1	42				5												
	2	42			2	12			3	3								
	3	42			2	7			4	4								
	1	44				1												
	2	44				9			1	1								
	3	44			1	7			2	1								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40			1	9			3	9								
	2	40			6	15			14	16								
	3	40			1	6			5	6								
	1	42				5			1	5								
	2	42			4	14			13	15								
	3	42			1	6			5	6								
	1	44				2				2								
	2	44			2	12			9	12								
	3	44			1	5			3	5								
1991	1	40		2	9	19		2	13	19								
	2	40	1	3	19	26	1	3	21	25								
	3	40		2	9	15		2	15	16								
	1	42			5	13			6	13								
	2	42		2	15	25		2	19	23								
	3	42		2	7	13		2	14	14								
	1	44			4	9			3	8								
	2	44		2	14	24		2	18	22								
	3	44		1	7	12		1	12	13								
1992	1	40			3	9			3	9								
	2	40			7	17			11	17								
	3	40			3	5			3	5								
	1	42				4				4								
	2	42			6	15			8	15								
	3	42			3	4			3	4								
	1	44				3				3								
	2	44			5	11			7	11								
	3	44			2	3			3	4								
1993	1	40			2	12			3	12								
	2	40			8	18			17	19								
	3	40			2	6			6	8								
	1	42				7			1	7								
	2	42			6	16			14	17								
	3	42			2	6			5	7								
	1	44				3				3								
	2	44			5	16			12	16								
	3	44			2	6			4	7								
1994	1	40			2	22			5	22								
	2	40			14	30			24	29								
	3	40			5	14			13	15								
	1	42			2	9			2	9								
	2	42			8	29			21	27								
	3	42			4	13			9	14								
	1	44			1	3				2								
	2	44			5	25			16	26								
	3	44			4	11			8	11								
1995	1	40			2	17			10	18								
	2	40			12	21			19	21								
	3	40			7	13			14	15								
	1	42			2	11			2	11								
	2	42			10	19			19	19								
	3	42			5	13			11	13								
	1	44				5				5								
	2	44			7	18			17	19								
	3	44			3	13			10	13								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			5	19			7	19								
	2	40			17	27			23	27								
	3	40			8	14			11	14								
	1	42			3	15			3	15								
	2	42			14	25			20	25								
	3	42			7	13			9	13								
	1	44			1	7			1	7								
	2	44			9	22			17	22								
	3	44			5	13			9	13								
1997	1	40			6	19			10	20								
	2	40			18	23			20	23								
	3	40		1	9	14		1	15	15								
	1	42			5	15			5	15								
	2	42			14	20			18	20								
	3	42			9	14			14	15								
	1	44			2	6			2	6								
	2	44			8	20			18	20								
	3	44			6	14			11	15								
1998	1	40			7	19			11	19								
	2	40			16	26			22	26								
	3	40			8	13			11	14								
	1	42			1	16			2	16								
	2	42			12	21			20	21								
	3	42			8	11			11	12								
	1	44			1	9			1	9								
	2	44			9	20			15	20								
	3	44			7	11			10	11								
1999	1	40			2	20			9	20								
	2	40			16	28			27	29								
	3	40			7	13			11	13								
	1	42				14				14								
	2	42			12	24			21	24								
	3	42			6	13			11	13								
	1	44				3				3								
	2	44			6	22			18	22								
	3	44			6	12			9	12								
2000	1	40			2	13			9	16								
	2	40			10	24			18	24								
	3	40			3	12			10	13								
	1	42			1	7			2	7								
	2	42			5	22			17	22								
	3	42			3	10			10	11								
	1	44				2				2								
	2	44			3	16			14	18								
	3	44			2	9			6	9								
2001	1	40				8			3	8								
	2	40			7	17			13	17								
	3	40			4	7			6	7								
	1	42				5				5								
	2	42			5	12			11	13								
	3	42			3	7			6	7								
	1	44				1				1								
	2	44			4	9			7	9								
	3	44			3	7			6	7								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40			2	14			3	3								
	2	40			8	19			14	14								
	3	40			3	8			5	5								
	1	42			1	11			1	1								
	2	42			7	18			13	13								
	3	42			1	7			5	5								
	1	44				6												
	2	44			4	15			9	9								
	3	44			1	6			3	3								
1991	1	40		2	10	23		2	13	13								
	2	40	2	3	20	31	2	3	22	21								
	3	40		3	9	20		3	15	15								
	1	42		2	5	19		2	6	5								
	2	42	1	3	20	29	1	3	19	19								
	3	42		3	9	19		3	14	14								
	1	44		1	4	16		1	3	2								
	2	44		3	15	27		3	18	18								
	3	44		3	8	18		3	12	12								
1992	1	40			4	15			3	3								
	2	40			8	23			12	11								
	3	40			3	10			3	3								
	1	42			1	10			1									
	2	42			7	19			8	8								
	3	42			3	10			3	3								
	1	44				5												
	2	44			6	19			7	7								
	3	44			3	9			3	3								
1993	1	40			3	15			3	3								
	2	40			13	22			17	17								
	3	40			3	13			6	6								
	1	42				12			1	1								
	2	42			9	20			14	14								
	3	42			3	11			5	5								
	1	44				7												
	2	44			6	20			12	12								
	3	44			2	11			4	4								
1994	1	40			4	27			5	5								
	2	40			24	37			24	24								
	3	40			6	18			13	13								
	1	42			2	23			2	1								
	2	42			15	36			21	20								
	3	42			6	16			9	9								
	1	44			1	12												
	2	44			7	32			17	16								
	3	44			5	16			8	8								
1995	1	40			5	19			10	10								
	2	40			17	25			19	19								
	3	40			10	19			14	14								
	1	42			2	17			2	2								
	2	42			13	23			19	19								
	3	42			9	18			11	11								
	1	44				12												
	2	44			10	21			17	17								
	3	44			6	16			10	10								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			7	25			8	7								
	2	40		1	19	34		1	23	23								
	3	40		1	9	17		1	11	11								
	1	42			4	20			4	2								
	2	42		1	18	31		1	21	20								
	3	42			9	16			9	9								
	1	44			1	17			1									
	2	44			14	28			18	17								
	3	44			7	14			9	9								
1997	1	40			6	20			10	10								
	2	40		4	19	27		4	20	20								
	3	40		2	10	16		2	15	15								
	1	42			5	20			5	4								
	2	42		2	18	25		2	20	18								
	3	42		2	9	16		2	14	14								
	1	44			4	18			4	1								
	2	44		1	14	23		1	18	18								
	3	44		1	9	15		1	11	11								
1998	1	40			9	21			12	11								
	2	40		1	18	33		1	22	22								
	3	40		1	8	21		1	11	11								
	1	42			2	19			3	1								
	2	42		1	17	29		1	21	20								
	3	42		1	8	20		1	11	11								
	1	44			1	16			1									
	2	44		1	12	27		1	15	15								
	3	44		1	8	18		1	10	10								
1999	1	40			4	24			10	9								
	2	40			18	35			27	27								
	3	40			7	23			11	11								
	1	42			1	21			1									
	2	42			16	32			21	21								
	3	42			7	19			11	11								
	1	44				16												
	2	44			12	30			18	18								
	3	44			7	17			9	9								
2000	1	40			3	22			9	9								
	2	40		1	11	29		1	18	18								
	3	40			5	16			10	10								
	1	42			1	15			2	2								
	2	42			10	26			18	17								
	3	42			4	14			10	10								
	1	44				10												
	2	44			5	25			14	14								
	3	44			3	13			6	6								
2001	1	40			2	12			3	3								
	2	40			8	20			13	13								
	3	40			5	9			6	6								
	1	42				9												
	2	42			7	20			11	11								
	3	42			4	9			6	6								
	1	44				7												
	2	44			5	19			7	7								
	3	44			4	8			6	6								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(3)

City	Perth	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			1	10			3	10								
	2	40			8	15			14	16								
	3	40			1	6			5	6								
	1	42				6			2	6								
	2	42			5	14			14	16								
	3	42			1	6			5	6								
	1	44				2				2								
	2	44			2	13			11	14								
	3	44			1	6			5	6								
1991	1	40		2	9	19		2	14	19								
	2	40	1	3	20	26	1	3	23	25								
	3	40		2	9	16		2	15	16								
	1	42			5	16			9	16								
	2	42		2	16	25		2	19	24								
	3	42		2	8	14		2	14	15								
	1	44			4	11			3	11								
	2	44		2	15	24		2	18	22								
	3	44		2	7	13		2	13	14								
1992	1	40			5	9			4	9								
	2	40			7	18			14	20								
	3	40			3	7			5	7								
	1	42				5				5								
	2	42			6	16			10	16								
	3	42			3	4			3	4								
	1	44				3				3								
	2	44			5	11			7	11								
	3	44			2	3			3	4								
1993	1	40			2	12			3	12								
	2	40			9	19			17	20								
	3	40			3	7			7	8								
	1	42				7			1	7								
	2	42			8	18			16	18								
	3	42			2	6			5	8								
	1	44				3				3								
	2	44			5	16			12	16								
	3	44			2	6			4	7								
1994	1	40			2	22			7	22								
	2	40			17	30			24	29								
	3	40			6	14			13	15								
	1	42			2	11			3	11								
	2	42			11	30			23	29								
	3	42			5	13			12	15								
	1	44			1	4				3								
	2	44			5	27			18	27								
	3	44			4	11			8	11								
1995	1	40			4	17			10	18								
	2	40			15	21			19	21								
	3	40			9	15			14	15								
	1	42			2	12			3	12								
	2	42			11	19			19	19								
	3	42			6	13			13	15								
	1	44				7			1	7								
	2	44			9	18			17	19								
	3	44			4	13			10	13								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(3)

City	Perth	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40			5	19			11	19								
	2	40			19	27			24	28								
	3	40			9	14			12	14								
	1	42			3	16			4	16								
	2	42			15	25			21	25								
	3	42			7	13			9	13								
	1	44			1	8			1	8								
	2	44			10	22			17	22								
	3	44			7	13			9	13								
1997	1	40			6	20			10	20								
	2	40		1	18	23		1	20	23								
	3	40		1	9	14		1	16	16								
	1	42			5	17			7	17								
	2	42			15	22			20	22								
	3	42			9	14			15	15								
	1	44			2	6			3	6								
	2	44			11	20			18	20								
	3	44			8	14			14	15								
1998	1	40			8	19			13	19								
	2	40		1	18	27		1	22	27								
	3	40		1	8	13		1	11	14								
	1	42			1	16			2	16								
	2	42			16	22			20	22								
	3	42			8	12			11	13								
	1	44			1	9			1	9								
	2	44			11	20			16	20								
	3	44			7	11			10	11								
1999	1	40			3	21			14	21								
	2	40			18	28			27	29								
	3	40			7	13			14	16								
	1	42				14			1	14								
	2	42			14	25			23	26								
	3	42			7	13			11	13								
	1	44				4				4								
	2	44			8	23			18	23								
	3	44			6	12			11	12								
2000	1	40			2	15			10	16								
	2	40			11	25			21	25								
	3	40			3	12			10	13								
	1	42			1	8			2	8								
	2	42			7	22			18	22								
	3	42			3	11			10	12								
	1	44				3				3								
	2	44			5	18			16	20								
	3	44			3	9			8	9								
2001	1	40			1	8			4	8								
	2	40			7	17			14	18								
	3	40			4	7			7	8								
	1	42				6			1	7								
	2	42			5	14			12	16								
	3	42			4	7			6	7								
	1	44				3				3								
	2	44			5	9			8	10								
	3	44			3	7			6	7								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(3a)

City	Perth	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	14			3	3								
	2	40			9	19			14	14								
	3	40			3	9			5	5								
	1	42			1	11			2	2								
	2	42			8	18			14	14								
	3	42			3	7			5	5								
	1	44				8												
	2	44			5	15			11	11								
	3	44			1	6			5	5								
1991	1	40		2	12	24		2	15	14								
	2	40	2	4	21	31	2	4	23	23								
	3	40		3	10	21		3	15	15								
	1	42		2	6	19		2	10	8								
	2	42	1	3	20	29	1	3	19	19								
	3	42		3	9	19		3	14	14								
	1	44		1	4	17		1	3	2								
	2	44		3	16	28		3	18	18								
	3	44		3	9	19		3	13	13								
1992	1	40			5	16			4	4								
	2	40			9	23			15	14								
	3	40			3	11			5	5								
	1	42			1	10			1									
	2	42			7	19			10	10								
	3	42			3	10			3	3								
	1	44				5												
	2	44			6	19			7	7								
	3	44			3	9			3	3								
1993	1	40			4	17			4	3								
	2	40			13	23			17	17								
	3	40			3	13			7	7								
	1	42			1	12			2	1								
	2	42			9	21			16	16								
	3	42			3	13			5	5								
	1	44				8												
	2	44			8	20			12	12								
	3	44			2	11			4	4								
1994	1	40			4	29			7	7								
	2	40		1	24	39		1	24	24								
	3	40			7	19			13	13								
	1	42			2	23			3	3								
	2	42			19	37			23	23								
	3	42			6	16			12	12								
	1	44			1	15												
	2	44			10	35			19	18								
	3	44			5	16			8	8								
1995	1	40			7	19			12	10								
	2	40			17	27			19	19								
	3	40			10	19			14	14								
	1	42			2	18			3	3								
	2	42			15	24			19	19								
	3	42			9	19			13	13								
	1	44				15			1	1								
	2	44			11	21			17	17								
	3	44			7	17			10	10								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(3a)

City	Perth	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40			8	25			11	11								
	2	40		2	19	35		2	24	24								
	3	40		1	9	17		1	12	12								
	1	42			4	22			5	3								
	2	42		1	19	31		1	21	21								
	3	42		1	9	16		1	9	9								
	1	44			1	19			1									
	2	44			15	28			18	17								
	3	44			8	14			9	9								
1997	1	40			8	22			12	10								
	2	40		5	19	27		5	20	20								
	3	40		2	12	16		2	16	16								
	1	42			6	20			8	6								
	2	42		3	18	26		3	20	20								
	3	42		2	9	16		2	15	15								
	1	44			4	18			5	2								
	2	44		1	15	24		1	19	18								
	3	44		1	9	15		1	14	14								
1998	1	40			9	22			13	12								
	2	40		1	19	37		1	22	22								
	3	40		1	9	24		1	11	11								
	1	42			5	20			5	2								
	2	42		1	18	31		1	21	20								
	3	42		1	8	21		1	11	11								
	1	44			1	18			1									
	2	44		1	16	27		1	16	16								
	3	44		1	8	18		1	10	10								
1999	1	40			5	25			15	13								
	2	40			20	36			27	27								
	3	40			7	23			14	14								
	1	42			1	21			1	1								
	2	42			18	32			24	23								
	3	42			7	21			11	11								
	1	44				18												
	2	44			14	31			18	18								
	3	44			7	17			11	11								
2000	1	40			3	22			10	10								
	2	40		1	13	31		1	21	21								
	3	40			6	16			10	10								
	1	42			2	16			3	2								
	2	42			11	28			18	18								
	3	42			5	14			10	10								
	1	44			1	11			1									
	2	44			7	25			16	16								
	3	44			3	13			8	8								
2001	1	40			4	14			5	4								
	2	40			8	21			14	14								
	3	40			5	10			7	7								
	1	42				9			1	1								
	2	42			7	20			12	12								
	3	42			4	9			6	6								
	1	44				7												
	2	44			5	19			8	8								
	3	44			4	9			6	6								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(4)

City	Perth	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		1	16	23		1	20	23								
	2	40	1	5	23	29		4	31	34					1	1	6	12
	3	40	1	2	9	17		1	19	20					1	2	8	19
	1	42			12	20			18	20								
	2	42	1	3	21	27		2	28	30							2	2
	3	42	1	2	7	15		1	18	18							5	9
	1	44			8	15			14	16								
	2	44		2	17	26		2	26	28							1	1
	3	44	1	2	7	15		1	17	17							2	2
1991	1	40	2	4	26	36	2	4	32	37							2	2
	2	40	6	14	33	45	4	13	45	47	1	3	1	3	4	7	13	18
	3	40	4	8	21	31	3	7	31	33		3	2	4	4	9	15	27
	1	42	2	3	21	31	2	3	26	31							1	1
	2	42	5	13	32	42	3	12	42	45		1	1	2	2	3	12	12
	3	42	3	7	19	29	3	7	29	33		3		3	3	4	12	19
	1	44	1	3	20	26	1	3	23	25								
	2	44	3	8	28	39	3	8	37	41					1	1	4	4
	3	44	3	7	19	28	3	6	27	32		2		3	2	3	9	10
1992	1	40		1	16	28		1	27	30								
	2	40	2	6	26	40		4	37	41							3	8
	3	40		3	11	18		3	21	22						2	5	15
	1	42			11	23			23	24								
	2	42		3	23	38		3	36	40							1	3
	3	42		1	10	18		1	18	20								6
	1	44			7	18			14	20								
	2	44		3	21	33		3	32	34								
	3	44		1	10	17		1	16	17								2
1993	1	40			18	27			27	31								
	2	40	1	8	23	34		7	40	41						1	7	15
	3	40		2	14	20		2	27	28						2	5	19
	1	42			15	22			22	23								
	2	42		4	21	32		4	36	37							3	4
	3	42		2	13	18		2	25	26							2	9
	1	44			9	19			17	20								
	2	44		3	20	31		3	30	33							1	1
	3	44			11	17			22	23							1	3
1994	1	40		1	30	47		1	40	48								
	2	40	2	8	42	54	1	8	55	57						2	9	23
	3	40		4	19	34		4	35	37				1		5	10	30
	1	42			26	37			29	37								
	2	42	1	4	38	53		4	52	54							4	4
	3	42		4	17	31		4	32	33						1	4	16
	1	44			19	31			24	31								
	2	44	1	3	36	51		2	50	52							1	1
	3	44		2	16	30		2	30	32								5
1995	1	40		2	20	32		2	32	36								
	2	40	2	11	28	42	2	11	44	47					1	2	11	19
	3	40		6	19	28		6	34	35						7	11	27
	1	42			18	25			25	28								
	2	42		9	24	37		9	40	41							8	8
	3	42		3	19	27		3	30	31							9	17
	1	44			16	21			19	21								
	2	44		5	22	35		5	38	39							2	2
	3	44		1	18	27		1	29	30							4	6

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(4)

City	Perth	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40		4	27	40		4	42	44								
	2	40	2	15	37	49	2	15	51	51				1		2	12	21
	3	40	1	8	17	29	1	8	35	35		1		3		7	4	27
	1	42		1	22	34		1	35	39								
	2	42	1	10	34	49	1	10	50	50						1	5	7
	3	42	1	5	17	28	1	5	34	34				1		3	2	15
	1	44			19	27			25	28								
	2	44	1	7	29	47	1	7	46	48							2	3
	3	44		5	16	27		5	34	34						1	1	7
1997	1	40		5	22	31		5	31	34							2	2
	2	40	5	15	27	40	5	15	41	41			1	3	4	6	11	21
	3	40	2	9	16	28	2	9	33	34	1	3	2	5	6	11	15	30
	1	42		4	20	27		4	26	29								
	2	42	4	11	27	38	4	11	39	40					2	3	10	10
	3	42	2	6	16	28	2	6	33	33		1	1	2	4	5	11	19
	1	44		1	18	23		1	20	23								
	2	44	2	6	24	34	2	6	37	37							4	4
	3	44	1	6	16	25	2	6	31	31					1	2	7	11
1998	1	40		5	24	48		5	40	50								
	2	40	1	15	43	57	1	15	60	62				1		3	11	18
	3	40	1	8	24	40	1	8	43	46		2		4		8	12	36
	1	42		1	20	33		1	32	35								
	2	42	1	11	31	57	1	11	58	60							6	9
	3	42	1	7	21	36	1	7	38	41		1		1		4	8	16
	1	44		1	18	27		1	23	27								
	2	44	1	9	27	53	1	9	47	55							1	2
	3	44	1	6	20	35	1	6	34	39						1	4	7
1999	1	40		1	26	44		1	42	44								
	2	40		14	39	52		14	57	61							12	21
	3	40		7	23	31		7	38	38						7	13	30
	1	42			22	35			32	38								
	2	42		8	34	48		8	52	54							2	4
	3	42		5	22	28		5	35	35							4	16
	1	44			18	28			27	29								
	2	44		3	31	45		3	47	48								
	3	44		3	19	28		3	34	34							2	7
2000	1	40		2	24	33		2	34	37								
	2	40	1	5	31	44	1	5	50	51					3	4	10	16
	3	40		3	16	28		3	37	39	1	1	1	2	3	6	11	27
	1	42		1	16	29		1	28	30								
	2	42		5	28	41		5	42	46							7	7
	3	42		2	14	24		2	32	34			1	1	1	2	8	15
	1	44			11	25			23	26								
	2	44		2	25	38		2	38	40							3	3
	3	44		1	14	24		1	28	30					1	1	6	6
2001	1	40			16	25			26	29								
	2	40		5	22	38		5	44	45							6	10
	3	40		3	10	21		3	30	30						4	8	19
	1	42			9	20			21	24								
	2	42		4	21	35		4	36	41							1	3
	3	42		3	9	18		3	29	29							4	9
	1	44			7	19			14	19								
	2	44		1	20	32		1	30	35								
	3	44		2	9	17		2	26	27								3

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(4a)

City	Perth	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		2	17	26		2	20	20								
	2	40	2	16	23	33	1	16	31	31		13		17	1	25	6	6
	3	40	1	8	10	21		7	19	19		16		18	1	34	8	8
	1	42		1	15	23		1	18	18								
	2	42	1	12	23	30		11	28	28		3		6		15	2	2
	3	42	1	7	10	21		6	18	18		6		12		19	5	5
	1	44			9	20			14	14								
	2	44		6	20	30		6	26	26		1		1		3	1	1
	3	44	1	6	8	19		5	17	17		4		6		13	2	2
1991	1	40	3	12	27	42	3	12	32	32		1		2		3	2	2
	2	40	6	27	37	52	4	27	45	45	1	21	1	28	4	44	13	13
	3	40	4	19	21	36	3	18	31	31		29	2	35	4	49	15	15
	1	42	2	7	25	37	2	7	26	26							1	1
	2	42	6	22	34	49	4	22	42	42		11	1	16	2	24	12	12
	3	42	3	12	21	35	3	12	29	29		19		21	3	35	12	12
	1	44	2	4	21	32	2	4	23	23								
	2	44	3	17	31	46	3	17	37	37		3		7	1	12	4	4
	3	44	3	11	20	34	3	11	27	27		10		14	2	23	9	9
1992	1	40		3	19	37		3	27	27								
	2	40	3	18	30	46	1	17	37	37		14		20		38	3	3
	3	40		10	11	22		10	21	21		15		23		37	5	5
	1	42		2	14	29		2	23	23								
	2	42		10	26	44		10	36	36		3		4		16	1	1
	3	42		6	11	20		6	18	18		8		12		25		
	1	44			9	23			15	14								
	2	44		6	22	41		6	32	32				1		3		
	3	44		3	11	19		3	16	16		2		4		12		
1993	1	40		4	20	32		4	27	27								
	2	40	1	17	26	45		17	40	40		15		19		35	7	7
	3	40		10	14	31		10	27	27		18		28		45	5	5
	1	42		1	16	29		1	22	22								
	2	42		13	23	41		13	36	36		5		7		17	3	3
	3	42		8	14	28		8	25	25		11		13		29	2	2
	1	44			13	23			17	17								
	2	44		7	21	38		7	30	30				2		5	1	1
	3	44		4	13	24		4	22	22		3		6		13	1	1
1994	1	40		4	32	52		4	40	40								
	2	40	2	32	46	67	1	32	55	55		28		33		50	9	9
	3	40		18	21	48		17	35	35		32		43		62	10	10
	1	42		1	29	49		1	29	29								
	2	42	2	25	42	64	1	25	52	52		4		10		28	4	4
	3	42		12	20	43		12	32	32		16		24		45	4	4
	1	44		1	24	41		1	24	24								
	2	44	1	12	38	58		12	50	50		1		3		4	1	1
	3	44		9	19	40		9	30	30		7		14		24		
1995	1	40		9	21	37		9	32	32								
	2	40	2	18	30	49	2	18	44	44		19		21	1	42	11	11
	3	40		16	22	36		16	34	34		29		34		49	11	11
	1	42		2	18	33		2	25	25								
	2	42	2	17	28	47	2	17	40	40		8		11		20	8	8
	3	42		14	20	32		14	30	30		18		25		34	9	9
	1	44		2	17	28		2	19	19								
	2	44		12	24	45		12	38	38				2		8	2	2
	3	44		10	19	29		10	29	29		10		13		25	4	4

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(4a)

City	Perth	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40		10	28	49		10	42	42						1		
	2	40	4	24	39	55	4	24	51	51		25		32		49	12	12
	3	40	1	14	20	39	1	14	35	35		29		41		58	4	4
	1	42		4	24	43		4	35	35								
	2	42	2	20	37	55	2	20	50	50		12		15		26	5	5
	3	42	1	13	18	36	1	13	34	34		17		25		41	2	2
	1	44		2	19	37		2	25	25								
	2	44	1	17	34	51	1	17	46	46		2		3		12	2	2
	3	44	1	10	17	35	1	10	34	34		9		13		25	1	1
1997	1	40	1	11	23	38	1	11	31	31						1	2	2
	2	40	5	21	30	50	5	21	41	41		20	1	25	4	41	11	11
	3	40	3	14	21	34	3	14	33	33	1	29	2	35	6	50	15	15
	1	42		6	20	31		6	26	26								
	2	42	5	20	27	48	5	20	39	39		10		15	2	22	10	10
	3	42	2	14	18	31	2	14	33	33		16	1	23	4	35	11	11
	1	44		5	19	27		5	20	20								
	2	44	4	18	27	44	4	18	37	37		4		6		11	4	4
	3	44	2	14	16	29	2	14	31	31		13		14	1	23	7	7
1998	1	40	1	11	27	57	1	11	40	40								
	2	40	2	23	46	66	2	23	60	60		20		31		57	11	11
	3	40	3	16	28	48	3	16	43	43		36		50		72	12	12
	1	42		6	20	50		6	32	32								
	2	42	1	19	43	62	1	19	58	58		11		16		25	6	6
	3	42	1	12	26	48	1	12	38	38		17		29		51	8	8
	1	44		1	19	43		1	23	23								
	2	44	1	16	31	58	1	16	47	47		3		4		11	1	1
	3	44	1	10	22	45	1	10	34	34		9		12		31	4	4
1999	1	40		8	30	48		8	42	42								
	2	40		26	43	60		26	57	57		23		35		51	12	12
	3	40		14	25	40		14	38	38		31		39		70	13	13
	1	42		2	23	44		2	32	32								
	2	42		21	39	55		21	52	52		8		14		27	2	2
	3	42		12	23	37		12	35	35		21		27		41	4	4
	1	44			20	39			27	27								
	2	44		15	34	53		15	47	47						8		
	3	44		9	23	35		9	34	34		7		13		27	2	2
2000	1	40		5	25	41		5	34	34								
	2	40	1	23	33	53	1	23	50	50		20		27	3	43	10	10
	3	40		13	18	37		13	37	37	1	26	1	37	3	57	11	11
	1	42		2	20	35		2	28	28								
	2	42	1	15	31	51	1	15	42	42		5		8		24	7	7
	3	42		9	16	35		9	32	32		16	1	19	1	41	8	8
	1	44		1	14	31		1	23	23								
	2	44		10	28	44		10	38	38		1		2		5	3	3
	3	44		8	16	31		8	28	28		6		11	1	23	6	6
2001	1	40		4	19	34		4	26	26								
	2	40		14	24	46		14	44	44		11		19		35	6	6
	3	40		7	10	27		7	30	30		20		28		50	8	8
	1	42			11	27			22	21								
	2	42		9	22	42		9	36	36		5		6		16	1	1
	3	42		7	10	27		7	29	29		9		14		30	4	4
	1	44			8	21			14	14								
	2	44		6	21	39		6	30	30						5		
	3	44		5	9	23		5	26	26		5		8		16		

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40				2			1	2								
	2	40			1	10			3	10								
	3	40				3			2	4								
	1	42				1				1								
	2	42			1	8			2	8								
	3	42				3			2	4								
	1	44																
	2	44				6			2	6								
	3	44				1			1	1								
1991	1	40			4	11			4	11								
	2	40		2	9	19		2	14	19								
	3	40			5	10			11	11								
	1	42			3	7			3	7								
	2	42		1	7	18		1	13	18								
	3	42			3	9			8	9								
	1	44			2	4			2	4								
	2	44			5	16			9	16								
	3	44			3	9			7	9								
1992	1	40				3				3								
	2	40			3	9			4	9								
	3	40				3			1	2								
	1	42				1				1								
	2	42			2	8			3	7								
	3	42				3				2								
	1	44																
	2	44				5				5								
	3	44				2				2								
1993	1	40				4				4								
	2	40			2	12			3	12								
	3	40				3			2	3								
	1	42				1				1								
	2	42			1	8			2	8								
	3	42				3			1	3								
	1	44																
	2	44				7			1	7								
	3	44				3				3								
1994	1	40			1	4				4								
	2	40			2	22			7	22								
	3	40			1	7			7	7								
	1	42			1	2				1								
	2	42			2	20			4	20								
	3	42				6			3	7								
	1	44				1				1								
	2	44			2	11			3	11								
	3	44				6				6								
1995	1	40				9			1	9								
	2	40			2	17			10	18								
	3	40				10			8	11								
	1	42				2				2								
	2	42			2	17			9	17								
	3	42				10			5	10								
	1	44																
	2	44			2	12			3	12								
	3	44				9			3	9								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			1	10			1	10								
	2	40			5	19			11	19								
	3	40			2	9			4	9								
	1	42				4				4								
	2	42			4	19			6	19								
	3	42			1	9			2	9								
	1	44				2				2								
	2	44			3	16			4	16								
	3	44			1	9			2	9								
1997	1	40			4	11			5	11								
	2	40			6	19			10	20								
	3	40			4	12			8	13								
	1	42			1	6			1	6								
	2	42			6	18			10	20								
	3	42			4	9			5	9								
	1	44				5				5								
	2	44			5	17			7	17								
	3	44			3	9			5	9								
1998	1	40			1	11			1	11								
	2	40			7	19			12	19								
	3	40			5	9			7	9								
	1	42				6				6								
	2	42			5	18			9	18								
	3	42			3	8			7	8								
	1	44				1				1								
	2	44			1	16			2	16								
	3	44			3	8			4	8								
1999	1	40				7				7								
	2	40			3	21			14	21								
	3	40				8			5	8								
	1	42				2				2								
	2	42			1	18			5	18								
	3	42				7			4	7								
	1	44																
	2	44				14			1	14								
	3	44				7			2	7								
2000	1	40				5			1	5								
	2	40			2	14			10	16								
	3	40			1	6			4	7								
	1	42				2				2								
	2	42			2	11			6	12								
	3	42				5			4	6								
	1	44				1				1								
	2	44			1	8			2	8								
	3	44				3			4	4								
2001	1	40				4				4								
	2	40			1	8			4	8								
	3	40			1	5			4	5								
	1	42																
	2	42				7			1	7								
	3	42				5			2	5								
	1	44																
	2	44				6			1	7								
	3	44				4				4								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40				8			1	1								
	2	40			2	14			3	3								
	3	40			1	6			2	2								
	1	42				3												
	2	42			1	14			2	2								
	3	42			1	5			2	2								
	1	44				1												
	2	44			1	11			2	2								
	3	44				5			1	1								
1991	1	40		1	5	17		1	5	3								
	2	40		2	12	24		2	15	14								
	3	40		1	7	14		1	11	11								
	1	42			3	12			3	1								
	2	42		2	9	22		2	13	13								
	3	42		1	6	12		1	8	8								
	1	44			2	7			2									
	2	44		2	6	19		2	10	8								
	3	44		1	4	12		1	7	7								
1992	1	40				7												
	2	40			4	16			4	4								
	3	40				4			2	1								
	1	42				3												
	2	42			4	11			3	2								
	3	42				3												
	1	44				2												
	2	44			1	10			1									
	3	44				2												
1993	1	40				8												
	2	40			4	17			4	3								
	3	40				6			2	2								
	1	42				5												
	2	42			2	15			3	2								
	3	42				6			1	1								
	1	44				2												
	2	44			1	12			2	1								
	3	44				5												
1994	1	40			2	20			1									
	2	40			4	28			7	7								
	3	40			2	13			7	7								
	1	42			1	4												
	2	42			2	26			4	4								
	3	42			2	11			3	3								
	1	44				1												
	2	44			2	23			3	3								
	3	44				9												
1995	1	40				17			1	1								
	2	40			7	19			12	10								
	3	40			1	13			8	8								
	1	42				9												
	2	42			4	18			9	9								
	3	42				13			5	5								
	1	44				2												
	2	44			2	18			3	3								
	3	44				10			3	3								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			2	19			2									
	2	40			9	25			12	11								
	3	40			5	13			5	4								
	1	42				14												
	2	42			5	22			6	6								
	3	42			3	13			3	2								
	1	44				5												
	2	44			4	22			5	3								
	3	44			1	11			2	2								
1997	1	40			5	18			5	3								
	2	40			8	22			12	10								
	3	40			6	14			8	8								
	1	42			2	13			2									
	2	42			6	20			10	10								
	3	42			5	14			5	5								
	1	44				6												
	2	44			6	20			8	6								
	3	44			4	14			5	5								
1998	1	40			1	18			1									
	2	40			9	22			13	12								
	3	40			6	12			7	7								
	1	42			1	12			1									
	2	42			8	20			11	8								
	3	42			6	11			7	7								
	1	44				7												
	2	44			5	20			5	2								
	3	44			4	11			5	4								
1999	1	40				18												
	2	40			5	25			15	13								
	3	40			2	13			6	5								
	1	42				10												
	2	42			3	23			6	5								
	3	42			2	12			5	4								
	1	44				3												
	2	44			1	21			1	1								
	3	44				10			2	2								
2000	1	40			1	11			1	1								
	2	40			3	22			10	10								
	3	40			1	10			4	4								
	1	42				5												
	2	42			2	18			6	6								
	3	42			1	9			4	4								
	1	44				2												
	2	44			2	16			3	2								
	3	44			1	9			4	4								
2001	1	40				7												
	2	40			4	13			5	4								
	3	40			2	7			4	4								
	1	42				5												
	2	42			1	9			2	1								
	3	42			1	7			3	2								
	1	44				1												
	2	44				9			1	1								
	3	44			1	6			1									

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40			3	14			12	15								
	2	40			12	19			16	18								
	3	40			5	7			8	9								
	1	42			1	9			3	9								
	2	42			9	16			16	16								
	3	42			3	6			8	8								
	1	44				5			1	5								
	2	44			7	15			14	16								
	3	44			3	6			5	6								
1991	1	40		2	15	24		2	18	22								
	2	40	2	3	21	29	2	3	25	29								
	3	40	1	3	10	19	1	3	17	19								
	1	42		2	9	19		2	14	19								
	2	42	2	3	20	28	2	3	24	28								
	3	42		3	10	19		3	16	19								
	1	44			5	13			6	13								
	2	44	1	3	20	26	1	3	21	25								
	3	44		3	9	18		3	15	18								
1992	1	40			5	11			8	11								
	2	40			10	19			21	22								
	3	40			3	10			7	10								
	1	42			3	9			3	9								
	2	42			8	19			17	21								
	3	42			3	9			7	9								
	1	44				4				4								
	2	44			7	17			12	18								
	3	44			3	8			6	8								
1993	1	40			6	16			12	16								
	2	40			13	21			21	22								
	3	40			3	12			11	12								
	1	42			2	12			3	12								
	2	42			13	20			18	20								
	3	42			3	11			8	11								
	1	44				7			1	7								
	2	44			9	18			17	19								
	3	44			3	9			7	10								
1994	1	40			5	28			18	27								
	2	40			25	37			27	37								
	3	40			7	16			16	16								
	1	42			2	22			5	22								
	2	42			24	35			25	35								
	3	42			7	16			14	16								
	1	44			2	9			2	9								
	2	44			15	30			24	29								
	3	44			6	15			13	16								
1995	1	40			9	18			17	19								
	2	40			17	24			22	25								
	3	40			10	18			16	19								
	1	42			2	17			10	18								
	2	42			17	22			19	22								
	3	42			10	16			16	17								
	1	44			2	11			2	11								
	2	44			13	21			19	21								
	3	44			9	16			14	16								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			13	23			18	23								
	2	40		1	20	31		1	32	35								
	3	40		1	9	16		1	17	18								
	1	42			5	19			10	19								
	2	42			19	29			27	31								
	3	42			9	14			13	15								
	1	44			3	15			3	15								
	2	44			18	27			23	27								
	3	44			9	14			13	15								
1997	1	40			12	20			18	20								
	2	40		3	20	26		3	24	27								
	3	40		2	13	16		2	18	19								
	1	42			6	19			10	20								
	2	42		1	19	24		1	21	24								
	3	42		1	12	15		1	17	17								
	1	44			5	15			5	15								
	2	44		1	18	23		1	20	23								
	3	44		1	9	15		1	16	16								
1998	1	40			12	20			16	20								
	2	40		1	19	31		1	29	33								
	3	40		1	10	21		1	17	21								
	1	42			7	19			11	19								
	2	42		1	18	27		1	23	27								
	3	42		1	9	18		1	13	18								
	1	44			1	16			2	16								
	2	44			17	27			22	27								
	3	44		1	8	14		1	13	15								
1999	1	40			8	23			18	23								
	2	40			21	32			31	34								
	3	40			9	19			21	22								
	1	42			2	20			10	20								
	2	42			18	31			28	32								
	3	42			7	17			18	20								
	1	44				14				14								
	2	44			16	28			27	29								
	3	44			7	14			16	18								
2000	1	40			5	20			16	21								
	2	40			15	28			25	28								
	3	40			8	14			16	17								
	1	42			2	13			9	16								
	2	42			11	25			25	26								
	3	42			6	13			15	15								
	1	44			1	7			2	7								
	2	44			10	24			19	24								
	3	44			5	13			14	14								
2001	1	40			5	10			8	11								
	2	40			9	20			17	21								
	3	40			5	9			9	10								
	1	42				8			4	8								
	2	42			8	19			15	19								
	3	42			5	8			9	9								
	1	44				5				5								
	2	44			7	17			13	17								
	3	44			4	8			9	9								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40			5	15			12	12								
	2	40		1	14	23		1	16	16								
	3	40			5	10			8	8								
	1	42			2	14			3	3								
	2	42			12	21			16	16								
	3	42			5	10			8	8								
	1	44			1	11			1	1								
	2	44			8	19			14	14								
	3	44			4	9			5	5								
1991	1	40		3	17	28		3	18	18								
	2	40	2	5	24	36	2	5	25	25								
	3	40	1	3	12	22	1	3	17	17								
	1	42		2	12	24		2	15	14								
	2	42	2	4	21	35	2	4	24	24								
	3	42	1	3	10	21	1	3	16	16								
	1	44		2	5	19		2	6	5								
	2	44	2	3	20	31	2	3	22	21								
	3	44		3	10	21		3	15	15								
1992	1	40			6	19			8	8								
	2	40		1	11	28		1	21	21								
	3	40			3	14			7	7								
	1	42			4	15			3	3								
	2	42			10	25			17	17								
	3	42			3	11			7	7								
	1	44			1	10			1									
	2	44			8	23			13	12								
	3	44			3	11			6	6								
1993	1	40			8	20			12	12								
	2	40			16	27			21	21								
	3	40			6	14			11	11								
	1	42			3	16			3	3								
	2	42			13	23			18	18								
	3	42			4	14			8	8								
	1	44				12			1	1								
	2	44			13	22			17	17								
	3	44			3	14			7	7								
1994	1	40			10	35			19	18								
	2	40		1	28	47		1	27	27								
	3	40			9	24			16	16								
	1	42			4	28			5	5								
	2	42		1	25	42		1	25	25								
	3	42			8	21			14	14								
	1	44			2	23			2	1								
	2	44		1	24	37		1	24	24								
	3	44			7	19			13	13								
1995	1	40			11	22			17	17								
	2	40		2	18	32		2	22	22								
	3	40			12	25			16	16								
	1	42			7	19			12	10								
	2	42		2	18	29		2	19	19								
	3	42			10	22			16	16								
	1	44			2	17			2	2								
	2	44			17	25			19	19								
	3	44			10	19			14	14								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			15	29			18	18								
	2	40		4	22	40		4	32	32								
	3	40		1	12	21		1	17	17								
	1	42			7	25			10	10								
	2	42		3	21	38		3	27	27								
	3	42		1	10	18		1	13	13								
	1	44			4	20			4	2								
	2	44		1	19	34		1	23	23								
	3	44		1	9	17		1	13	13								
1997	1	40		1	15	24		1	19	18								
	2	40		6	20	31		6	24	24								
	3	40		3	14	21		3	18	18								
	1	42			6	21			10	10								
	2	42		5	20	30		5	21	21								
	3	42		2	13	20		2	17	17								
	1	44			5	20			5	4								
	2	44		5	19	27		5	20	20								
	3	44		2	13	16		2	16	16								
1998	1	40		1	16	27		1	16	16								
	2	40		5	20	48		5	29	29								
	3	40		3	11	28		3	17	17								
	1	42			9	21			12	11								
	2	42		1	19	44		1	23	23								
	3	42		1	10	27		1	13	13								
	1	44			2	19			3	1								
	2	44		1	18	35		1	22	22								
	3	44		1	9	25		1	13	13								
1999	1	40			14	31			18	18								
	2	40		1	22	44		1	31	31								
	3	40			11	26			21	21								
	1	42			4	24			11	10								
	2	42			21	39			28	28								
	3	42			10	25			18	18								
	1	44			1	21			1									
	2	44			18	36			27	27								
	3	44			8	23			16	16								
2000	1	40			7	25			16	16								
	2	40		2	17	33		2	25	25								
	3	40			9	18			16	16								
	1	42			3	22			9	9								
	2	42		1	15	32		1	25	25								
	3	42			9	17			15	15								
	1	44			1	15			2	2								
	2	44		1	11	29		1	19	19								
	3	44			6	16			14	14								
2001	1	40			5	19			8	8								
	2	40			9	25			17	17								
	3	40			6	11			9	9								
	1	42			2	13			4	4								
	2	42			9	21			15	15								
	3	42			5	10			9	9								
	1	44				9												
	2	44			8	20			13	13								
	3	44			5	10			9	9								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40				2				2								
	2	40			1	9			3	9								
	3	40				3			2	4								
	1	42				1				1								
	2	42			1	8			2	8								
	3	42				2			1	2								
	1	44																
	2	44				5			1	5								
	3	44				1			1	1								
1991	1	40			4	11			3	11								
	2	40		2	9	19		2	13	19								
	3	40			4	10			10	10								
	1	42			2	5			2	5								
	2	42		1	6	18		1	10	17								
	3	42			3	9			8	9								
	1	44			2	3			2	3								
	2	44			5	13			6	13								
	3	44			3	9			6	9								
1992	1	40				3				3								
	2	40			3	9			3	9								
	3	40				3			1	2								
	1	42				1				1								
	2	42			2	7			2	6								
	3	42				3				2								
	1	44																
	2	44				4				4								
	3	44				2				2								
1993	1	40				4				4								
	2	40			1	12			3	12								
	3	40				3			1	3								
	1	42				1				1								
	2	42				8			2	8								
	3	42				3				3								
	1	44																
	2	44				7			1	7								
	3	44				3				3								
1994	1	40			1	4				3								
	2	40			2	22			5	22								
	3	40				7			6	7								
	1	42			1	2				1								
	2	42			2	17			4	17								
	3	42				6			1	6								
	1	44																
	2	44			2	9			2	9								
	3	44				6				6								
1995	1	40				7			1	7								
	2	40			2	17			10	18								
	3	40				10			6	10								
	1	42				2				2								
	2	42			2	15			7	16								
	3	42				9			4	9								
	1	44																
	2	44			2	11			2	11								
	3	44				8			1	8								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			1	9			1	9								
	2	40			4	19			7	19								
	3	40			1	9			4	9								
	1	42				4				4								
	2	42			4	19			5	19								
	3	42			1	9			2	9								
	1	44				1				1								
	2	44			3	15			3	15								
	3	44			1	8			1	8								
1997	1	40			3	8			4	8								
	2	40			6	19			10	20								
	3	40			4	12			6	12								
	1	42				6				6								
	2	42			5	18			10	20								
	3	42			3	9			5	9								
	1	44				4				4								
	2	44			5	15			5	15								
	3	44			2	9			4	9								
1998	1	40			1	9			1	9								
	2	40			7	19			11	19								
	3	40			4	9			7	9								
	1	42				5				5								
	2	42			2	18			7	18								
	3	42			3	8			5	8								
	1	44				1				1								
	2	44			1	16			2	16								
	3	44			1	8			4	8								
1999	1	40				5				5								
	2	40			2	20			9	20								
	3	40				7			4	7								
	1	42				1				1								
	2	42			1	18			2	18								
	3	42				7			4	7								
	1	44																
	2	44				14				14								
	3	44				7			2	7								
2000	1	40				3				3								
	2	40			2	12			9	15								
	3	40			1	6			4	7								
	1	42				2				2								
	2	42			1	11			5	11								
	3	42				5			4	6								
	1	44				1				1								
	2	44			1	7			2	7								
	3	44				3			4	4								
2001	1	40				4				4								
	2	40				8			3	8								
	3	40			1	5			4	5								
	1	42																
	2	42				7			1	7								
	3	42				4				4								
	1	44																
	2	44				5				5								
	3	44				4				4								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40				8												
	2	40			2	14			3	3								
	3	40			1	6			2	2								
	1	42				3												
	2	42			1	12			2	2								
	3	42			1	5			1	1								
	1	44				1												
	2	44			1	11			1	1								
	3	44				5			1	1								
1991	1	40		1	4	17		1	3	2								
	2	40		2	12	23		2	14	13								
	3	40		2	6	13		2	10	10								
	1	42			3	12			3	1								
	2	42		2	9	22		2	11	10								
	3	42		1	6	12		1	8	8								
	1	44			2	7			2									
	2	44		2	5	19		2	6	5								
	3	44		1	3	11		1	6	6								
1992	1	40				6												
	2	40			4	15			3	3								
	3	40				3			1	1								
	1	42				3												
	2	42			3	11			2	1								
	3	42				3												
	1	44				2												
	2	44			1	10			1									
	3	44				2												
1993	1	40				8												
	2	40			3	15			3	3								
	3	40				6			1	1								
	1	42				5												
	2	42			2	15			3	2								
	3	42				6												
	1	44				1												
	2	44				12			1	1								
	3	44				5												
1994	1	40			2	17			1									
	2	40			4	27			5	5								
	3	40			2	11			6	6								
	1	42			1	4												
	2	42			2	25			4	4								
	3	42			1	9			1	1								
	1	44				1												
	2	44			2	23			2	1								
	3	44				8												
1995	1	40				15			1	1								
	2	40			7	19			12	10								
	3	40				13			6	6								
	1	42				9												
	2	42			2	18			7	7								
	3	42				12			4	4								
	1	44				2												
	2	44			2	17			2	2								
	3	44				10			1	1								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			1	19			1									
	2	40			7	25			8	7								
	3	40			4	13			4	4								
	1	42				12												
	2	42			5	22			5	5								
	3	42			3	12			3	2								
	1	44				4												
	2	44			4	20			4	2								
	3	44			1	11			1	1								
1997	1	40			5	18			5	2								
	2	40			6	20			10	10								
	3	40			5	14			6	6								
	1	42			1	12			1									
	2	42			6	20			10	10								
	3	42			5	14			5	5								
	1	44				6												
	2	44			5	20			5	4								
	3	44			4	13			4	4								
1998	1	40			1	18			1									
	2	40			9	21			12	11								
	3	40			6	11			7	7								
	1	42			1	12			1									
	2	42			7	20			8	6								
	3	42			5	11			6	5								
	1	44				7												
	2	44			2	19			3	1								
	3	44			3	10			4	4								
1999	1	40				18												
	2	40			4	24			10	9								
	3	40			2	13			5	4								
	1	42				8												
	2	42			2	22			2	2								
	3	42				11			4	4								
	1	44				2												
	2	44			1	21			1									
	3	44				10			2	2								
2000	1	40			1	11			1									
	2	40			3	22			9	9								
	3	40			1	10			4	4								
	1	42				5												
	2	42			2	16			5	5								
	3	42			1	9			4	4								
	1	44				2												
	2	44			1	15			2	2								
	3	44				9			4	4								
2001	1	40				7												
	2	40			2	12			3	3								
	3	40			2	7			4	4								
	1	42				5												
	2	42				9			1	1								
	3	42			1	7			1									
	1	44																
	2	44				9												
	3	44				5												

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40			1	6			2	6								
	2	40			3	14			11	14								
	3	40			1	5			3	5								
	1	42				2				2								
	2	42			2	11			7	11								
	3	42			1	5			2	5								
	1	44				1				1								
	2	44			1	9			3	9								
	3	44			1	5			2	5								
1991	1	40		1	6	17		1	10	16								
	2	40		2	15	24		2	18	22								
	3	40		1	7	12		1	12	13								
	1	42			4	11			3	11								
	2	42		2	13	20		2	18	19								
	3	42		1	7	12		1	12	13								
	1	44			2	5			2	5								
	2	44		2	9	19		2	14	19								
	3	44			6	10			12	12								
1992	1	40			1	5			1	5								
	2	40			5	11			8	11								
	3	40			1	3			3	4								
	1	42				3				3								
	2	42			5	10			6	10								
	3	42				3			2	2								
	1	44				1				1								
	2	44			3	9			3	9								
	3	44				3			2	2								
1993	1	40				7			1	7								
	2	40			6	16			12	16								
	3	40			2	6			4	7								
	1	42				4				4								
	2	42			3	12			7	15								
	3	42				5			4	6								
	1	44				1				1								
	2	44			2	12			3	12								
	3	44				4			2	4								
1994	1	40			2	12			3	12								
	2	40			5	27			18	27								
	3	40			4	11			8	11								
	1	42			1	4				3								
	2	42			5	25			13	25								
	3	42			2	8			8	9								
	1	44			1	2				1								
	2	44			2	22			5	22								
	3	44			2	7			7	7								
1995	1	40			2	12			3	12								
	2	40			9	18			17	19								
	3	40			3	12			10	12								
	1	42				7			1	7								
	2	42			7	18			14	19								
	3	42			1	10			9	11								
	1	44				2				2								
	2	44			2	17			10	18								
	3	44				10			8	11								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			3	17			4	17								
	2	40			12	22			18	22								
	3	40			5	13			9	13								
	1	42			1	9			1	9								
	2	42			7	22			14	22								
	3	42			5	11			7	11								
	1	44				4				4								
	2	44			5	19			10	19								
	3	44			3	10			5	10								
1997	1	40			5	18			7	18								
	2	40			12	20			18	20								
	3	40			6	14			11	15								
	1	42			3	8			4	8								
	2	42			6	20			13	20								
	3	42			6	14			10	15								
	1	44				6				6								
	2	44			6	19			10	20								
	3	44			5	13			8	14								
1998	1	40			1	16			2	16								
	2	40			12	20			16	20								
	3	40			7	11			10	11								
	1	42			1	9			1	9								
	2	42			9	20			14	20								
	3	42			6	11			10	11								
	1	44				5				5								
	2	44			7	19			11	19								
	3	44			6	10			8	10								
1999	1	40				16			1	16								
	2	40			8	23			18	23								
	3	40			5	12			9	12								
	1	42				5				5								
	2	42			4	21			17	21								
	3	42			2	10			7	10								
	1	44				1				1								
	2	44			2	20			10	20								
	3	44			2	9			6	9								
2000	1	40			1	10			2	10								
	2	40			5	20			16	21								
	3	40			2	9			6	9								
	1	42				3				3								
	2	42			3	16			12	17								
	3	42			1	9			6	9								
	1	44				2				2								
	2	44			2	13			9	16								
	3	44			1	8			5	9								
2001	1	40				7			1	7								
	2	40			5	9			8	10								
	3	40			3	7			6	7								
	1	42				4				4								
	2	42			2	9			6	9								
	3	42			2	6			4	6								
	1	44																
	2	44				8			4	8								
	3	44			1	5			4	5								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40			1	11			2	2								
	2	40			6	15			11	11								
	3	40			1	6			3	3								
	1	42				8												
	2	42			3	15			7	7								
	3	42			1	6			2	2								
	1	44				3												
	2	44			2	14			3	3								
	3	44			1	6			2	2								
1991	1	40		2	8	19		2	11	9								
	2	40		3	19	28		3	18	18								
	3	40		3	7	18		3	12	12								
	1	42		1	5	17		1	4	2								
	2	42		3	14	26		3	18	18								
	3	42		2	7	16		2	12	12								
	1	44			3	12			3	1								
	2	44		2	12	24		2	15	14								
	3	44		2	7	14		2	12	12								
1992	1	40			1	10			1									
	2	40			6	19			8	8								
	3	40			3	9			3	3								
	1	42				6												
	2	42			5	17			6	6								
	3	42			2	7			2	2								
	1	44				3												
	2	44			4	15			3	3								
	3	44			1	4			2	2								
1993	1	40			1	12			2	1								
	2	40			8	20			12	12								
	3	40			2	11			4	4								
	1	42				8												
	2	42			5	17			8	7								
	3	42			2	9			4	4								
	1	44				5												
	2	44			3	15			3	3								
	3	44				6			2	2								
1994	1	40			2	24			3	3								
	2	40			11	35			19	18								
	3	40			5	16			8	8								
	1	42			2	17			1									
	2	42			5	29			13	13								
	3	42			4	14			8	8								
	1	44			1	4												
	2	44			4	28			5	5								
	3	44			2	13			7	7								
1995	1	40			2	18			3	3								
	2	40			11	22			17	17								
	3	40			6	16			10	10								
	1	42				16			1	1								
	2	42			9	21			14	14								
	3	42			4	15			9	9								
	1	44				9												
	2	44			7	19			12	10								
	3	44			1	13			8	8								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			4	22			5	4								
	2	40			15	28			18	18								
	3	40			7	14			9	9								
	1	42			2	19			2									
	2	42			13	27			15	14								
	3	42			7	14			7	7								
	1	44				12												
	2	44			7	25			10	10								
	3	44			5	13			6	5								
1997	1	40			6	20			8	7								
	2	40		1	15	24		1	19	18								
	3	40		1	9	15		1	11	11								
	1	42			5	18			5	2								
	2	42		1	12	23		1	16	13								
	3	42		1	7	15		1	11	10								
	1	44			1	12			1									
	2	44			6	21			10	10								
	3	44			6	14			8	8								
1998	1	40			5	20			5	2								
	2	40		1	16	27		1	16	16								
	3	40		1	8	18		1	10	10								
	1	42			1	18			1									
	2	42			12	27			15	14								
	3	42		1	7	13		1	10	10								
	1	44			1	12			1									
	2	44			9	21			12	11								
	3	44			6	12			8	8								
1999	1	40			2	21			2	1								
	2	40			14	31			18	18								
	3	40			7	17			9	9								
	1	42				18												
	2	42			8	28			17	17								
	3	42			6	14			7	7								
	1	44				8												
	2	44			4	24			11	10								
	3	44			3	13			6	6								
2000	1	40			2	16			3	2								
	2	40			8	25			17	16								
	3	40			3	13			6	6								
	1	42			1	11			1									
	2	42			5	25			12	12								
	3	42			3	12			6	6								
	1	44				5												
	2	44			3	22			9	9								
	3	44			1	11			5	5								
2001	1	40				9			1	1								
	2	40			6	19			9	8								
	3	40			3	8			6	6								
	1	42				7												
	2	42			5	17			6	6								
	3	42			3	7			4	4								
	1	44				5												
	2	44			2	13			4	4								
	3	44			2	7			4	4								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(9)

City	Perth	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			1	7			2	7								
	2	40			3	14			12	15								
	3	40			1	5			4	5								
	1	42				2			1	2								
	2	42			2	11			7	11								
	3	42			1	5			2	5								
	1	44				1				1								
	2	44			1	10			3	10								
	3	44			1	5			2	5								
1991	1	40		1	6	18		1	10	17								
	2	40		2	15	25		2	18	23								
	3	40		1	7	12		1	12	13								
	1	42			4	11			4	11								
	2	42		2	14	21		2	18	19								
	3	42		1	7	12		1	12	13								
	1	44			3	7			3	7								
	2	44		2	9	19		2	14	19								
	3	44		1	6	10		1	12	12								
1992	1	40			1	5			1	5								
	2	40			5	13			8	13								
	3	40			2	3			3	4								
	1	42				3				3								
	2	42			5	11			6	11								
	3	42			1	3			2	2								
	1	44				1				1								
	2	44			4	9			4	9								
	3	44				3			2	2								
1993	1	40				8			1	8								
	2	40			6	16			13	16								
	3	40			2	6			4	7								
	1	42				4				4								
	2	42			5	15			11	15								
	3	42				5			4	6								
	1	44				1				1								
	2	44			2	12			3	12								
	3	44				4			2	4								
1994	1	40			2	14			3	14								
	2	40			5	28			20	27								
	3	40			4	11			8	11								
	1	42			1	4				4								
	2	42			5	25			16	26								
	3	42			2	9			8	9								
	1	44			1	2				1								
	2	44			2	22			7	22								
	3	44			2	8			8	9								
1995	1	40			2	14			4	15								
	2	40			9	18			18	19								
	3	40			3	13			10	13								
	1	42				8			1	8								
	2	42			7	18			16	19								
	3	42			1	12			10	12								
	1	44				2				2								
	2	44			2	17			10	18								
	3	44				10			9	11								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(9)

City	Perth	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40			3	19			4	19								
	2	40			13	24			18	24								
	3	40			5	13			9	13								
	1	42			1	9			1	9								
	2	42			8	22			15	22								
	3	42			5	11			8	11								
	1	44				4				4								
	2	44			5	19			11	19								
	3	44			4	10			6	10								
1997	1	40			5	18			8	19								
	2	40			12	20			18	20								
	3	40			6	14			13	15								
	1	42			3	9			4	9								
	2	42			8	20			13	20								
	3	42			6	14			10	15								
	1	44			1	6			1	6								
	2	44			6	19			10	20								
	3	44			5	13			9	15								
1998	1	40			2	18			5	18								
	2	40			12	20			17	20								
	3	40			7	11			10	11								
	1	42			1	10			1	10								
	2	42			9	20			14	20								
	3	42			6	11			10	11								
	1	44				6				6								
	2	44			7	19			12	19								
	3	44			6	10			8	10								
1999	1	40				16			2	16								
	2	40			8	23			18	23								
	3	40			6	12			10	12								
	1	42				6				6								
	2	42			5	22			17	22								
	3	42			3	11			7	11								
	1	44				2				2								
	2	44			3	21			14	21								
	3	44			2	10			7	10								
2000	1	40			1	10			4	10								
	2	40			5	20			17	22								
	3	40			2	9			7	9								
	1	42				5			1	5								
	2	42			3	16			13	18								
	3	42			1	9			6	9								
	1	44				2				2								
	2	44			2	15			10	16								
	3	44			1	9			6	9								
2001	1	40				7			1	7								
	2	40			5	10			9	11								
	3	40			3	7			6	7								
	1	42				4				4								
	2	42			4	9			7	9								
	3	42			2	6			4	6								
	1	44																
	2	44			1	8			4	8								
	3	44			2	5			4	5								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(9a)

City	Perth	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			1	11			2	2								
	2	40			6	15			12	12								
	3	40			1	6			4	4								
	1	42				8			1	1								
	2	42			3	15			7	7								
	3	42			1	6			2	2								
	1	44				3												
	2	44			2	14			3	3								
	3	44			1	6			2	2								
1991	1	40		2	9	19		2	11	9								
	2	40	1	3	19	28	1	3	18	18								
	3	40		3	9	19		3	12	12								
	1	42		1	5	17		1	5	3								
	2	42		3	15	26		3	18	18								
	3	42		3	7	17		3	12	12								
	1	44			3	12			3	1								
	2	44		2	12	24		2	15	14								
	3	44		2	7	15		2	12	12								
1992	1	40			1	11			1									
	2	40			7	19			8	8								
	3	40			3	9			3	3								
	1	42				7												
	2	42			5	18			6	6								
	3	42			3	7			2	2								
	1	44				3												
	2	44			5	16			4	4								
	3	44			1	5			2	2								
1993	1	40			1	14			2	1								
	2	40			8	20			13	13								
	3	40			2	11			4	4								
	1	42				8												
	2	42			6	19			11	11								
	3	42			2	9			4	4								
	1	44				5												
	2	44			4	17			4	3								
	3	44			1	6			2	2								
1994	1	40			2	24			3	3								
	2	40			13	35			21	20								
	3	40			5	16			8	8								
	1	42			2	20			1									
	2	42			5	31			16	16								
	3	42			4	15			8	8								
	1	44			1	4												
	2	44			4	29			7	7								
	3	44			4	14			8	8								
1995	1	40			2	18			4	4								
	2	40			12	22			19	18								
	3	40			7	16			10	10								
	1	42				17			1	1								
	2	42			9	21			16	16								
	3	42			4	16			10	10								
	1	44				9												
	2	44			7	19			12	10								
	3	44			2	13			9	9								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(9a)

City	Perth	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40			4	22			5	4								
	2	40		1	16	29		1	18	18								
	3	40			7	14			9	9								
	1	42			2	19			2									
	2	42			14	27			17	15								
	3	42			7	14			8	8								
	1	44				13												
	2	44			8	25			11	11								
	3	44			5	14			6	6								
1997	1	40			6	20			9	8								
	2	40		2	18	24		2	20	18								
	3	40		1	9	15		1	13	13								
	1	42			5	18			5	3								
	2	42		1	13	23		1	17	13								
	3	42		1	8	15		1	11	10								
	1	44			1	12			1									
	2	44			8	22			12	10								
	3	44		1	6	14		1	9	9								
1998	1	40			6	20			8	4								
	2	40		1	16	27		1	17	17								
	3	40		1	8	18		1	10	10								
	1	42			1	18			1									
	2	42		1	12	27		1	15	14								
	3	42		1	7	14		1	10	10								
	1	44			1	12			1									
	2	44			9	22			13	12								
	3	44			6	13			8	8								
1999	1	40			2	22			2	2								
	2	40			15	31			18	18								
	3	40			7	17			10	10								
	1	42				18												
	2	42			10	28			17	17								
	3	42			6	14			7	7								
	1	44				8												
	2	44			5	25			15	13								
	3	44			4	13			7	7								
2000	1	40			2	16			5	4								
	2	40			9	26			18	17								
	3	40			3	13			7	7								
	1	42			1	11			1	1								
	2	42			5	25			13	13								
	3	42			3	12			6	6								
	1	44				5												
	2	44			3	22			10	10								
	3	44			1	12			6	6								
2001	1	40				9			1	1								
	2	40			6	19			9	9								
	3	40			4	9			6	6								
	1	42				8												
	2	42			5	17			7	7								
	3	42			3	8			4	4								
	1	44				5												
	2	44			4	14			5	4								
	3	44			3	7			4	4								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(10)

City	Perth	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			10	16			16	16								
	2	40		1	17	23		1	20	23								
	3	40			6	10			14	15								
	1	42			5	14			13	15								
	2	42			16	22			20	21								
	3	42			6	10			12	14								
	1	44			2	11			6	11								
	2	44			12	20			18	20								
	3	44			5	10			10	12								
1991	1	40	2	3	21	28	2	3	24	28								
	2	40	2	5	26	36	2	5	32	37							2	2
	3	40	2	3	14	22	2	3	22	25							3	3
	1	42		2	16	25		2	19	24								
	2	42	2	4	25	35	2	4	31	35							1	1
	3	42	2	3	13	21	2	3	21	23							3	3
	1	44		2	10	19		2	18	19								
	2	44	2	3	22	31	2	3	27	31							1	1
	3	44	1	3	12	21	1	3	21	23							2	2
1992	1	40			9	19			18	21								
	2	40		1	16	28		1	28	30								
	3	40			4	14			12	15								
	1	42			6	15			10	15								
	2	42			14	25			26	29								
	3	42			3	11			10	11								
	1	44			5	10			5	10								
	2	44			11	23			23	24								
	3	44			3	11			10	11								
1993	1	40			13	20			21	22								
	2	40			18	27			27	31								
	3	40			6	14			15	16								
	1	42			8	18			16	18								
	2	42			16	23			26	27								
	3	42			6	14			14	15								
	1	44			3	12			5	14								
	2	44			16	22			24	24								
	3	44			6	14			12	14								
1994	1	40			24	35			25	35								
	2	40		1	30	47		1	41	48								
	3	40			13	23			20	24								
	1	42			11	30			22	28								
	2	42		1	29	42		1	33	43								
	3	42			11	21			18	22								
	1	44			3	23			12	24								
	2	44		1	26	38		1	30	39								
	3	44			11	19			16	20								
1995	1	40			17	22			19	22								
	2	40		2	20	32		2	34	36								
	3	40			13	25			26	27								
	1	42			11	19			19	19								
	2	42		2	19	29		2	30	33								
	3	42			13	22			23	25								
	1	44			5	18			10	18								
	2	44			18	25			28	30								
	3	44			13	20			20	23								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(10)

City	Perth	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			19	29			27	31								
	2	40		4	27	40		4	42	44								
	3	40		1	13	21		1	27	27								
	1	42			15	25			21	25								
	2	42		3	25	38		3	41	43								
	3	42		1	13	18		1	23	23								
	1	44			6	21			14	21								
	2	44		1	22	35		1	35	40								
	3	44		1	13	17		1	21	22								
1997	1	40		1	19	24		1	21	24								
	2	40		6	22	31		6	32	35							2	2
	3	40		3	14	21		3	26	28							2	2
	1	42			15	22			20	22								
	2	42		5	20	30		5	30	33								
	3	42		2	14	20		2	23	25							1	1
	1	44			6	20			12	20								
	2	44		5	20	27		5	27	29								
	3	44		2	14	17		2	23	24							1	1
1998	1	40		1	19	27		1	23	27								
	2	40		5	26	48		5	42	50								
	3	40		3	12	28		3	27	31								
	1	42			15	21			20	21								
	2	42		1	21	44		1	38	47								
	3	42		1	11	27		1	25	28								
	1	44			9	19			13	19								
	2	44		1	20	36		1	33	39								
	3	44		1	11	26		1	20	26								
1999	1	40			20	31			28	32								
	2	40		1	28	44		1	42	44								
	3	40			13	26			26	28								
	1	42			14	25			23	26								
	2	42			23	39			38	41								
	3	42			13	25			24	27								
	1	44			3	21			15	21								
	2	44			22	36			33	39								
	3	44			12	23			24	25								
2000	1	40			12	26			25	26								
	2	40		2	24	34		2	34	37								
	3	40			11	18			23	23								
	1	42			5	22			18	22								
	2	42		1	22	32		1	30	34								
	3	42			10	17			19	19								
	1	44			2	15			10	16								
	2	44		1	16	30		1	28	31								
	3	44			9	16			18	19								
2001	1	40			8	19			16	19								
	2	40			16	25			27	30								
	3	40			7	11			14	14								
	1	42			5	13			11	14								
	2	42			12	21			25	25								
	3	42			7	10			12	13								
	1	44			1	9			5	9								
	2	44			9	21			21	24								
	3	44			7	10			11	12								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(10a)

City	Perth	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			12	21			16	16								
	2	40		3	17	26		3	20	20								
	3	40		1	6	15		1	14	14								
	1	42			8	18			13	13								
	2	42		2	17	26		2	20	20								
	3	42		1	6	15		1	12	12								
	1	44			2	15			6	6								
	2	44		1	15	24		1	18	18								
	3	44		1	6	13		1	10	10								
1991	1	40	2	4	21	35	2	4	24	24								
	2	40	3	12	28	42	3	12	32	32		2		2		3	2	2
	3	40	3	7	18	29	3	7	22	22		3		3		4	3	3
	1	42	1	3	20	29	1	3	19	19								
	2	42	2	9	26	40	2	9	31	31						2	1	1
	3	42	2	6	16	26	2	6	21	21		2		3		3	3	3
	1	44		2	12	25		2	18	18								
	2	44	2	7	25	38	2	7	27	27							1	1
	3	44	2	5	14	25	2	5	21	21				1		3	2	2
1992	1	40			10	25			18	18								
	2	40		3	19	38		3	28	28								
	3	40		1	9	18		1	12	12								
	1	42			7	19			10	10								
	2	42		3	17	31		3	26	26								
	3	42			7	17			10	10								
	1	44			5	16			5	5								
	2	44		2	14	29		2	23	23								
	3	44			4	16			10	10								
1993	1	40			13	23			21	21								
	2	40		4	20	33		4	27	27								
	3	40		1	9	18		1	15	15								
	1	42			9	21			16	16								
	2	42		3	18	31		3	26	26								
	3	42			7	17			14	14								
	1	44			4	17			6	5								
	2	44		1	16	30		1	24	24								
	3	44			6	15			12	12								
1994	1	40		1	25	42		1	25	25								
	2	40		4	35	52		4	41	41								
	3	40		4	15	31		4	20	20						1		
	1	42			17	37			23	22								
	2	42		3	30	50		3	33	33								
	3	42		2	14	30		2	18	18								
	1	44			4	29			12	12								
	2	44		1	29	49		1	30	30								
	3	44		1	13	29		1	16	16								
1995	1	40		2	18	29		2	19	19								
	2	40		9	21	38		9	34	34								
	3	40		2	16	27		2	26	26								
	1	42			15	24			19	19								
	2	42		5	21	36		5	30	30								
	3	42		1	15	27		1	23	23								
	1	44			9	20			13	10								
	2	44		2	19	33		2	28	28								
	3	44			13	26			20	20								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(10a)

City	Perth	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40		3	22	38		3	27	27								
	2	40		11	28	49		11	42	42						1		
	3	40		5	14	28		5	27	27						1		
	1	42		1	19	31		1	21	21								
	2	42		7	27	48		7	41	41								
	3	42		5	14	27		5	23	23								
	1	44			10	27			14	14								
	2	44		4	25	43		4	35	35								
	3	44		3	13	26		3	21	21								
1997	1	40		5	20	30		5	21	21								
	2	40	1	12	24	38	1	12	32	32						2	2	2
	3	40	1	6	15	28	1	6	26	26		1		2		4	2	2
	1	42		2	18	26		2	20	20								
	2	42		6	23	36		6	30	30								
	3	42	1	6	14	25	1	6	23	23						2	1	1
	1	44			11	22			15	12								
	2	44		6	20	31		6	27	27								
	3	44		5	14	24		5	23	23							1	1
1998	1	40		1	19	44		1	23	23								
	2	40	1	12	27	57	1	12	42	42								
	3	40	1	6	16	36	1	6	27	27		1		1		4		
	1	42		1	18	31		1	21	20								
	2	42		9	26	56		9	38	38								
	3	42	1	6	13	35	1	6	25	25						1		
	1	44			11	26			13	13								
	2	44		7	21	51		7	33	33								
	3	44		5	12	30		5	20	20								
1999	1	40			21	39			28	28								
	2	40		8	31	48		8	42	42								
	3	40		4	15	28		4	26	26								
	1	42			18	32			24	23								
	2	42		4	28	46		4	38	38								
	3	42		2	13	27		2	24	24								
	1	44			7	28			16	15								
	2	44		2	23	44		2	33	33								
	3	44			13	26			24	24								
2000	1	40		1	16	32		1	25	25								
	2	40		5	25	43		5	34	34								
	3	40		2	13	24		2	23	23								
	1	42			11	26			18	18								
	2	42		3	24	39		3	30	30								
	3	42		1	12	23		1	19	19								
	1	44			5	24			10	10								
	2	44		2	22	36		2	28	28								
	3	44		1	10	22		1	18	18								
2001	1	40			9	21			16	16								
	2	40		5	19	35		5	27	27								
	3	40		3	8	18		3	14	14								
	1	42			7	20			11	11								
	2	42		2	17	31		2	25	25								
	3	42		2	7	17		2	12	12								
	1	44			4	16			5	5								
	2	44			12	27			22	21								
	3	44		1	7	15		1	11	11								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40				2				2								
	2	40			1	8			3	8								
	3	40				3			2	4								
	1	42				1				1								
	2	42			1	7			2	7								
	3	42				1			1	1								
	1	44																
	2	44				4			1	4								
	3	44				1			1	1								
1991	1	40			4	11			3	11								
	2	40		1	9	18		1	13	19								
	3	40			4	9			8	9								
	1	42			2	4			2	4								
	2	42			6	18			10	17								
	3	42			3	9			7	9								
	1	44			2	3			2	3								
	2	44			5	13			5	13								
	3	44			3	9			6	9								
1992	1	40				3				3								
	2	40			2	8			3	8								
	3	40				3				2								
	1	42				1				1								
	2	42			1	5			1	5								
	3	42				2				2								
	1	44																
	2	44				4				4								
	3	44				2				2								
1993	1	40				3				3								
	2	40			1	12			3	12								
	3	40				3			1	3								
	1	42																
	2	42				8			1	8								
	3	42				3				3								
	1	44																
	2	44				7			1	7								
	3	44				2				2								
1994	1	40			1	4				3								
	2	40			2	22			5	22								
	3	40				6			5	7								
	1	42			1	2				1								
	2	42			2	14			4	14								
	3	42				6				6								
	1	44																
	2	44			2	7			2	7								
	3	44				5				5								
1995	1	40				7				7								
	2	40			2	17			10	18								
	3	40				10			5	10								
	1	42				2				2								
	2	42			2	14			5	16								
	3	42				9			4	9								
	1	44																
	2	44				11			2	11								
	3	44				7				7								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			1	8			1	8								
	2	40			4	19			7	19								
	3	40			1	9			3	9								
	1	42				4				4								
	2	42			3	19			4	19								
	3	42			1	9			2	9								
	1	44				1				1								
	2	44			2	15			3	15								
	3	44			1	7			1	7								
1997	1	40			2	6			3	6								
	2	40			6	19			10	20								
	3	40			4	11			5	11								
	1	42				5				5								
	2	42			5	18			8	19								
	3	42			3	9			5	9								
	1	44				4				4								
	2	44			5	15			5	15								
	3	44			2	9			4	9								
1998	1	40			1	9			1	9								
	2	40			6	18			11	18								
	3	40			4	8			7	8								
	1	42				5				5								
	2	42			2	18			5	18								
	3	42			3	8			4	8								
	1	44				1				1								
	2	44			1	14			2	14								
	3	44			1	8			4	8								
1999	1	40				4				4								
	2	40			2	18			8	18								
	3	40				7			4	7								
	1	42				1				1								
	2	42				16			2	16								
	3	42				7			3	7								
	1	44																
	2	44				14				14								
	3	44				7			1	7								
2000	1	40				3				3								
	2	40			2	11			7	13								
	3	40				5			4	6								
	1	42				2				2								
	2	42			1	10			4	10								
	3	42				3			4	4								
	1	44																
	2	44			1	5			2	6								
	3	44				3			2	3								
2001	1	40				3				3								
	2	40				8			2	8								
	3	40				5			3	5								
	1	42																
	2	42				7			1	7								
	3	42				4				4								
	1	44																
	2	44				5				5								
	3	44				4				4								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40				7												
	2	40			2	14			3	3								
	3	40			1	5			2	2								
	1	42				2												
	2	42			1	11			2	2								
	3	42				5			1	1								
	1	44				1												
	2	44			1	10			1	1								
	3	44				5			1	1								
1991	1	40			4	17			3	2								
	2	40		2	10	23		2	13	13								
	3	40		1	6	13		1	8	8								
	1	42			3	11			3	1								
	2	42		2	9	19		2	11	9								
	3	42		1	5	12		1	7	7								
	1	44			2	7			2									
	2	44		2	5	19		2	5	4								
	3	44			3	10			6	6								
1992	1	40				5												
	2	40			4	13			3	3								
	3	40				3												
	1	42				3												
	2	42			2	11			2									
	3	42				2												
	1	44				1												
	2	44			1	9			1									
	3	44				2												
1993	1	40				8												
	2	40			3	15			3	3								
	3	40				6			1	1								
	1	42				4												
	2	42			1	15			2	1								
	3	42				5												
	1	44				1												
	2	44				12			1	1								
	3	44				4												
1994	1	40			1	14												
	2	40			3	27			5	5								
	3	40			2	11			5	5								
	1	42			1	4												
	2	42			2	24			4	4								
	3	42			1	9			1									
	1	44				1												
	2	44			2	22			2	1								
	3	44				7												
1995	1	40				14												
	2	40			5	18			10	10								
	3	40				13			5	5								
	1	42				9												
	2	42			2	18			5	5								
	3	42				12			4	4								
	1	44				2												
	2	44			2	17			2	2								
	3	44				10												

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			1	19			1									
	2	40			7	24			8	7								
	3	40			3	13			3	3								
	1	42				10												
	2	42			4	22			5	4								
	3	42			2	11			2	2								
	1	44				4												
	2	44			3	19			3	2								
	3	44			1	10			1									
1997	1	40			4	18			5	2								
	2	40			6	20			10	10								
	3	40			5	14			5	5								
	1	42			1	11			1									
	2	42			6	20			9	8								
	3	42			4	14			5	5								
	1	44				6												
	2	44			5	20			5	4								
	3	44			4	13			4	4								
1998	1	40			1	18			1									
	2	40			9	20			12	10								
	3	40			6	11			7	7								
	1	42			1	11			1									
	2	42			6	20			8	4								
	3	42			5	11			5	4								
	1	44				6												
	2	44			2	19			3	1								
	3	44			3	10			4	4								
1999	1	40				16												
	2	40			3	23			9	8								
	3	40			2	12			5	4								
	1	42				7												
	2	42			2	22			2	2								
	3	42				11			3	3								
	1	44				2												
	2	44				21												
	3	44				9			1	1								
2000	1	40			1	10			1									
	2	40			2	20			7	7								
	3	40			1	9			4	4								
	1	42				5												
	2	42			2	16			5	4								
	3	42			1	9			4	4								
	1	44				2												
	2	44			1	15			2	2								
	3	44				9			2	2								
2001	1	40				7												
	2	40			1	10			3	2								
	3	40			1	7			4	3								
	1	42				4												
	2	42				9			1	1								
	3	42			1	6			1									
	1	44																
	2	44				8												
	3	44				5												

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40			1	7			2	7								
	2	40			3	14			12	15								
	3	40			1	5			4	5								
	1	42				2				2								
	2	42			2	11			7	11								
	3	42			1	5			2	5								
	1	44				1				1								
	2	44			1	10			3	10								
	3	44			1	5			2	5								
1991	1	40		2	6	18		2	10	17								
	2	40	1	3	15	25	1	3	18	23								
	3	40		2	7	13		2	13	14								
	1	42			4	11			4	11								
	2	42		2	14	21		2	18	19								
	3	42		2	7	12		2	12	13								
	1	44			3	6			3	6								
	2	44		2	9	19		2	14	19								
	3	44		1	6	10		1	12	12								
1992	1	40			1	5			1	5								
	2	40			5	14			8	14								
	3	40			2	3			3	4								
	1	42				3				3								
	2	42			5	11			6	11								
	3	42			1	3			2	3								
	1	44				1				1								
	2	44			4	9			3	9								
	3	44				3			2	2								
1993	1	40				8			1	8								
	2	40			6	16			13	16								
	3	40			2	6			4	7								
	1	42				4				4								
	2	42			4	16			11	16								
	3	42				6			4	7								
	1	44				1				1								
	2	44			2	12			3	12								
	3	44				4			2	4								
1994	1	40			2	13			3	13								
	2	40			6	29			20	27								
	3	40			4	11			8	11								
	1	42			1	4				3								
	2	42			5	25			16	26								
	3	42			2	9			8	9								
	1	44			1	2				1								
	2	44			2	22			6	22								
	3	44			2	8			8	9								
1995	1	40			2	13			4	14								
	2	40			9	18			18	19								
	3	40			3	13			10	13								
	1	42				7			1	7								
	2	42			7	18			15	19								
	3	42			1	12			10	12								
	1	44				2				2								
	2	44			2	17			10	18								
	3	44				10			8	11								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			3	18			4	18								
	2	40			13	24			18	24								
	3	40			5	13			9	13								
	1	42			1	9			1	9								
	2	42			8	22			14	22								
	3	42			5	12			7	12								
	1	44				4				4								
	2	44			5	19			11	19								
	3	44			3	10			6	10								
1997	1	40			5	18			8	19								
	2	40			12	20			18	20								
	3	40		1	6	14		1	13	15								
	1	42			3	8			4	8								
	2	42			6	20			13	20								
	3	42			6	14			10	15								
	1	44				6				6								
	2	44			6	19			10	20								
	3	44			5	13			9	15								
1998	1	40			1	17			3	17								
	2	40			12	21			17	21								
	3	40			7	11			10	11								
	1	42			1	9			1	9								
	2	42			9	20			14	20								
	3	42			6	11			10	11								
	1	44				5				5								
	2	44			7	19			11	19								
	3	44			6	10			8	10								
1999	1	40				16			1	16								
	2	40			8	23			18	23								
	3	40			6	12			10	12								
	1	42				6				6								
	2	42			4	22			17	22								
	3	42			3	11			7	11								
	1	44				2				2								
	2	44			3	21			11	21								
	3	44			2	10			7	10								
2000	1	40			1	10			3	10								
	2	40			5	21			17	22								
	3	40			2	9			7	9								
	1	42				3			1	3								
	2	42			3	16			13	18								
	3	42			1	9			6	9								
	1	44				2				2								
	2	44			2	15			10	16								
	3	44			1	9			6	9								
2001	1	40				7			1	7								
	2	40			5	12			8	12								
	3	40			3	7			6	7								
	1	42				4				4								
	2	42			3	9			7	9								
	3	42			2	6			4	6								
	1	44																
	2	44				8			4	8								
	3	44			1	5			4	6								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40			1	11			2	2								
	2	40			6	17			12	12								
	3	40			1	7			4	4								
	1	42				8												
	2	42			3	15			7	7								
	3	42			1	6			2	2								
	1	44				3												
	2	44			2	14			3	3								
	3	44			1	6			2	2								
1991	1	40		2	9	19		2	11	9								
	2	40	2	3	19	29	2	3	18	18								
	3	40		3	8	19		3	13	13								
	1	42		2	5	17		2	5	3								
	2	42	1	3	15	26	1	3	18	18								
	3	42		3	7	18		3	12	12								
	1	44		1	3	12		1	3	1								
	2	44		3	12	24		3	15	14								
	3	44		3	7	16		3	12	12								
1992	1	40			1	11			1									
	2	40			7	19			8	8								
	3	40			3	10			3	3								
	1	42				7												
	2	42			5	18			6	6								
	3	42			2	9			2	2								
	1	44				3												
	2	44			5	16			3	3								
	3	44			1	7			2	2								
1993	1	40			1	15			2	1								
	2	40			8	20			13	13								
	3	40			2	11			4	4								
	1	42				8												
	2	42			6	20			11	11								
	3	42			2	9			4	4								
	1	44				5												
	2	44			3	17			3	3								
	3	44				7			2	2								
1994	1	40			2	24			3	3								
	2	40			13	36			21	20								
	3	40			5	16			8	8								
	1	42			2	19			1									
	2	42			5	33			16	16								
	3	42			4	15			8	8								
	1	44			1	4												
	2	44			4	29			6	6								
	3	44			3	14			8	8								
1995	1	40			2	18			4	4								
	2	40			12	23			19	18								
	3	40			6	18			10	10								
	1	42				17			1	1								
	2	42			9	21			15	15								
	3	42			4	16			10	10								
	1	44				9												
	2	44			7	19			12	10								
	3	44			2	15			9	8								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			4	22			5	4								
	2	40		1	16	30		1	18	18								
	3	40		1	7	15		1	9	9								
	1	42			2	19			2									
	2	42		1	13	28		1	15	14								
	3	42			7	14			7	7								
	1	44				13												
	2	44			8	26			11	11								
	3	44			5	14			6	6								
1997	1	40			6	20			9	8								
	2	40		4	17	25		4	19	18								
	3	40		2	9	16		2	13	13								
	1	42			5	18			5	2								
	2	42		2	12	23		2	16	13								
	3	42		2	8	15		2	11	10								
	1	44			1	12			1									
	2	44		1	6	22		1	10	10								
	3	44		1	6	14		1	9	9								
1998	1	40			6	20			7	3								
	2	40		1	16	29		1	17	17								
	3	40		1	8	19		1	10	10								
	1	42			1	18			1									
	2	42		1	12	27		1	15	14								
	3	42		1	7	18		1	10	10								
	1	44			1	12			1									
	2	44		1	9	24		1	12	11								
	3	44		1	6	13		1	8	8								
1999	1	40			2	22			2	1								
	2	40			14	31			18	18								
	3	40			7	17			10	10								
	1	42				18												
	2	42			8	30			17	17								
	3	42			6	15			7	7								
	1	44				8												
	2	44			4	25			11	10								
	3	44			4	13			7	7								
2000	1	40			2	16			4	3								
	2	40		1	8	26		1	18	17								
	3	40			3	13			7	7								
	1	42			1	11			1	1								
	2	42			5	25			13	13								
	3	42			3	13			6	6								
	1	44				5												
	2	44			3	22			10	10								
	3	44			1	12			6	6								
2001	1	40				9			1	1								
	2	40			6	19			9	8								
	3	40			4	9			6	6								
	1	42				7												
	2	42			5	19			7	7								
	3	42			3	8			4	4								
	1	44				5												
	2	44			3	14			4	4								
	3	44			2	7			4	4								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40				3			1	3								
	2	40			1	10			4	10								
	3	40			1	5			2	5								
	1	42				1				1								
	2	42			1	8			2	8								
	3	42				3			2	4								
	1	44																
	2	44			1	6			2	6								
	3	44				2			1	2								
1991	1	40			4	12			4	12								
	2	40		2	9	19		2	14	19								
	3	40			6	10			12	12								
	1	42			3	7			3	7								
	2	42		2	9	18		2	13	19								
	3	42			4	10			9	10								
	1	44			2	4			2	4								
	2	44		1	6	17		1	10	16								
	3	44			3	9			7	9								
1992	1	40				3				3								
	2	40			5	9			4	9								
	3	40				3			2	2								
	1	42				2				2								
	2	42			2	8			3	8								
	3	42				3			1	2								
	1	44																
	2	44			1	5			1	5								
	3	44				3				2								
1993	1	40				5				5								
	2	40			2	12			5	14								
	3	40				3			2	3								
	1	42				1				1								
	2	42			1	11			3	11								
	3	42				3			1	3								
	1	44																
	2	44				7			1	7								
	3	44				3				3								
1994	1	40			1	4				4								
	2	40			2	22			10	23								
	3	40			1	7			7	7								
	1	42			1	2				1								
	2	42			2	22			4	22								
	3	42				6			6	7								
	1	44				1				1								
	2	44			2	12			3	12								
	3	44				6				6								
1995	1	40				9			1	9								
	2	40			5	17			10	18								
	3	40				10			8	11								
	1	42				2				2								
	2	42			2	17			10	18								
	3	42				10			6	10								
	1	44				2				2								
	2	44			2	12			4	13								
	3	44				9			4	9								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			1	12			1	12								
	2	40			5	19			12	19								
	3	40			3	9			5	9								
	1	42				4				4								
	2	42			4	19			7	19								
	3	42			1	9			4	9								
	1	44				2				2								
	2	44			3	17			4	17								
	3	44			1	9			2	9								
1997	1	40			4	12			5	12								
	2	40			6	20			11	20								
	3	40			5	13			8	14								
	1	42			1	6			1	6								
	2	42			6	19			10	20								
	3	42			4	12			6	12								
	1	44				5				5								
	2	44			5	18			8	19								
	3	44			3	9			5	9								
1998	1	40			1	12			1	12								
	2	40			8	19			13	19								
	3	40			5	10			7	10								
	1	42			1	7			1	7								
	2	42			6	18			10	18								
	3	42			4	8			7	8								
	1	44				1				1								
	2	44			1	16			3	16								
	3	44			3	8			5	8								
1999	1	40				8				8								
	2	40			3	21			14	21								
	3	40				9			6	9								
	1	42				2				2								
	2	42			2	18			7	18								
	3	42				7			4	7								
	1	44																
	2	44				16			1	16								
	3	44				7			4	7								
2000	1	40				5			1	5								
	2	40			2	15			10	16								
	3	40			1	6			5	8								
	1	42				2				2								
	2	42			2	11			7	13								
	3	42			1	5			4	6								
	1	44				1				1								
	2	44			1	10			3	10								
	3	44				5			4	6								
2001	1	40				5				5								
	2	40			1	9			5	9								
	3	40			1	5			4	5								
	1	42																
	2	42				8			2	8								
	3	42				5			4	5								
	1	44																
	2	44				7			1	7								
	3	44				4				4								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40				8			1	1								
	2	40			2	14			4	4								
	3	40			1	6			2	2								
	1	42				4												
	2	42			2	14			2	2								
	3	42			1	5			2	2								
	1	44				1												
	2	44			1	11			2	2								
	3	44				5			1	1								
1991	1	40		2	5	18		2	5	4								
	2	40		2	12	25		2	15	14								
	3	40		2	7	14		2	12	12								
	1	42			3	12			3	1								
	2	42		2	10	23		2	13	13								
	3	42		2	6	13		2	9	9								
	1	44			2	7			2									
	2	44		2	9	19		2	11	9								
	3	44		1	5	12		1	7	7								
1992	1	40				8												
	2	40			5	16			4	4								
	3	40			1	4			2	2								
	1	42				4												
	2	42			4	13			3	2								
	3	42				3			1	1								
	1	44				3												
	2	44			1	11			1									
	3	44				3												
1993	1	40				11												
	2	40			4	17			6	5								
	3	40				6			2	2								
	1	42				5												
	2	42			3	15			3	3								
	3	42				6			1	1								
	1	44				2												
	2	44			1	14			2	1								
	3	44				6												
1994	1	40			2	22			1									
	2	40			4	29			10	10								
	3	40			2	13			7	7								
	1	42			1	6												
	2	42			3	27			4	4								
	3	42			2	11			6	6								
	1	44				1												
	2	44			2	24			3	3								
	3	44			1	9			1									
1995	1	40			2	17			2	1								
	2	40			8	19			13	10								
	3	40			1	13			8	8								
	1	42				10												
	2	42			5	18			10	10								
	3	42				13			6	6								
	1	44				5												
	2	44			2	18			4	4								
	3	44				12			4	4								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			3	19			3									
	2	40			9	26			13	12								
	3	40			5	13			6	5								
	1	42			1	14			1									
	2	42			6	24			8	7								
	3	42			4	13			4	4								
	1	44				5												
	2	44			4	22			5	4								
	3	44			2	12			2	2								
1997	1	40			5	19			5	4								
	2	40			9	22			13	11								
	3	40			6	14			8	8								
	1	42			2	14			2									
	2	42			6	20			10	10								
	3	42			5	14			6	6								
	1	44				6												
	2	44			6	20			9	8								
	3	44			4	14			5	5								
1998	1	40			1	18			1									
	2	40			10	24			13	12								
	3	40			6	12			7	7								
	1	42			1	12			1									
	2	42			9	20			11	9								
	3	42			6	11			7	7								
	1	44				8												
	2	44			6	20			7	3								
	3	44			5	11			6	5								
1999	1	40				18												
	2	40			6	25			16	14								
	3	40			3	13			6	6								
	1	42				12												
	2	42			3	23			8	7								
	3	42			2	12			5	4								
	1	44				3												
	2	44			2	22			2	1								
	3	44				11			4	4								
2000	1	40			1	11			1	1								
	2	40			5	22			10	10								
	3	40			1	11			5	5								
	1	42				5												
	2	42			2	20			7	7								
	3	42			1	9			4	4								
	1	44				2												
	2	44			2	16			4	3								
	3	44			1	9			4	4								
2001	1	40				8												
	2	40			4	15			5	5								
	3	40			2	7			4	4								
	1	42				5												
	2	42			1	10			3	2								
	3	42			2	7			4	4								
	1	44				1												
	2	44				9			1	1								
	3	44			1	7			1									

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40			1	8			2	8								
	2	40			5	14			14	16								
	3	40			1	6			5	6								
	1	42				3			1	3								
	2	42			3	14			12	15								
	3	42			1	5			4	5								
	1	44				1				1								
	2	44			2	11			7	11								
	3	44			1	5			3	5								
1991	1	40		2	9	18		2	13	19								
	2	40		2	17	25		2	20	24								
	3	40		2	7	14		2	14	15								
	1	42			5	12			5	12								
	2	42		2	15	24		2	18	22								
	3	42		1	7	13		1	13	14								
	1	44			4	8			3	7								
	2	44		2	13	20		2	18	19								
	3	44		1	7	12		1	12	13								
1992	1	40			2	8			3	8								
	2	40			6	16			10	16								
	3	40			3	4			3	4								
	1	42				3				3								
	2	42			5	11			8	11								
	3	42			2	3			3	4								
	1	44				3				3								
	2	44			5	10			6	10								
	3	44			1	3			2	3								
1993	1	40			1	11			3	11								
	2	40			8	18			16	18								
	3	40			2	6			5	8								
	1	42				5			1	5								
	2	42			6	16			12	16								
	3	42			2	6			4	7								
	1	44				2				2								
	2	44			3	12			7	15								
	3	44				6			4	7								
1994	1	40			2	22			4	22								
	2	40			11	30			23	29								
	3	40			5	13			10	14								
	1	42			2	5			2	5								
	2	42			5	28			19	27								
	3	42			4	11			8	11								
	1	44			1	2				1								
	2	44			5	25			13	25								
	3	44			3	9			8	9								
1995	1	40			2	17			10	18								
	2	40			11	19			19	19								
	3	40			6	13			13	15								
	1	42				9			1	9								
	2	42			9	18			18	19								
	3	42			4	13			10	13								
	1	44				4				4								
	2	44			7	18			14	19								
	3	44			2	12			10	12								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			4	19			6	19								
	2	40			15	26			21	26								
	3	40			7	13			9	13								
	1	42			2	14			3	14								
	2	42			13	23			18	23								
	3	42			6	13			9	13								
	1	44				5				5								
	2	44			7	22			14	22								
	3	44			5	12			8	12								
1997	1	40			6	19			10	20								
	2	40			15	22			20	22								
	3	40			9	14			15	15								
	1	42			5	13			5	13								
	2	42			12	20			18	20								
	3	42			7	14			13	15								
	1	44			1	6			1	6								
	2	44			6	20			13	20								
	3	44			6	14			11	15								
1998	1	40			6	18			10	18								
	2	40			16	23			20	23								
	3	40			8	12			11	13								
	1	42			1	12			1	12								
	2	42			12	20			17	20								
	3	42			7	11			10	11								
	1	44			1	8			1	8								
	2	44			9	20			14	20								
	3	44			6	11			10	11								
1999	1	40			2	18			7	18								
	2	40			14	25			27	27								
	3	40			7	13			11	13								
	1	42				12				12								
	2	42			8	23			18	23								
	3	42			6	12			10	12								
	1	44				3				3								
	2	44			4	21			17	21								
	3	44			4	11			8	11								
2000	1	40			2	11			6	12								
	2	40			7	22			18	22								
	3	40			3	10			10	11								
	1	42			1	5			2	6								
	2	42			5	20			17	22								
	3	42			2	9			7	9								
	1	44				2				2								
	2	44			3	16			12	17								
	3	44			1	9			6	9								
2001	1	40				8			1	8								
	2	40			5	14			12	16								
	3	40			3	7			6	7								
	1	42				5				5								
	2	42			5	10			8	11								
	3	42			3	7			6	7								
	1	44				1				1								
	2	44			2	9			6	9								
	3	44			2	7			4	7								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40			1	14			2	2								
	2	40			8	18			14	14								
	3	40			2	7			5	5								
	1	42			1	9			1	1								
	2	42			6	15			12	12								
	3	42			1	6			4	4								
	1	44				5												
	2	44			3	15			7	7								
	3	44			1	6			3	3								
1991	1	40		2	9	22		2	13	13								
	2	40	1	3	20	30	1	3	20	20								
	3	40		3	9	19		3	14	14								
	1	42		2	5	19		2	5	4								
	2	42		3	19	28		3	18	18								
	3	42		3	9	19		3	13	13								
	1	44			4	14			3	1								
	2	44		3	14	26		3	18	18								
	3	44		3	7	18		3	12	12								
1992	1	40			4	11			3	2								
	2	40			8	20			10	10								
	3	40			3	10			3	3								
	1	42			1	9			1									
	2	42			6	19			8	8								
	3	42			3	9			3	3								
	1	44				4												
	2	44			5	17			6	6								
	3	44			3	8			2	2								
1993	1	40			2	15			3	3								
	2	40			9	21			16	16								
	3	40			3	13			5	5								
	1	42				12			1	1								
	2	42			8	20			12	12								
	3	42			2	11			4	4								
	1	44				7												
	2	44			5	17			8	7								
	3	44			2	9			4	4								
1994	1	40			2	27			4	4								
	2	40			20	37			23	23								
	3	40			6	16			10	10								
	1	42			2	22			2	1								
	2	42			11	35			20	19								
	3	42			5	16			8	8								
	1	44			1	9												
	2	44			5	29			13	13								
	3	44			4	15			8	8								
1995	1	40			5	18			10	10								
	2	40			16	24			19	19								
	3	40			9	19			13	13								
	1	42			2	17			2	1								
	2	42			11	22			18	18								
	3	42			7	16			10	10								
	1	44				11												
	2	44			9	21			14	14								
	3	44			4	16			10	10								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			5	23			6	6								
	2	40		1	19	34		1	21	21								
	3	40		1	9	16		1	9	9								
	1	42			3	19			3	2								
	2	42			15	29			18	18								
	3	42			8	14			9	9								
	1	44			1	15			1									
	2	44			13	27			15	14								
	3	44			7	14			8	8								
1997	1	40			6	20			10	10								
	2	40		3	18	26		3	20	20								
	3	40		2	9	16		2	15	15								
	1	42			5	19			5	4								
	2	42		1	15	24		1	19	18								
	3	42		1	9	15		1	13	13								
	1	44			3	15			3	1								
	2	44		1	12	23		1	16	13								
	3	44		1	8	15		1	11	11								
1998	1	40			8	20			11	8								
	2	40		1	18	31		1	21	20								
	3	40		1	8	21		1	11	11								
	1	42			1	19			1									
	2	42		1	16	27		1	17	17								
	3	42		1	8	18		1	10	10								
	1	44			1	16			1									
	2	44			12	27			15	14								
	3	44		1	7	14		1	10	10								
1999	1	40			3	23			8	7								
	2	40			18	34			27	27								
	3	40			7	21			11	11								
	1	42				20												
	2	42			14	31			18	18								
	3	42			7	17			10	10								
	1	44				14												
	2	44			8	28			17	17								
	3	44			6	14			8	8								
2000	1	40			2	20			6	6								
	2	40			11	28			18	18								
	3	40			4	14			10	10								
	1	42			1	14			2	2								
	2	42			8	25			18	17								
	3	42			3	13			7	7								
	1	44				7												
	2	44			5	25			12	12								
	3	44			3	13			6	6								
2001	1	40			1	10			2	1								
	2	40			7	20			12	12								
	3	40			4	9			6	6								
	1	42				8												
	2	42			6	19			9	8								
	3	42			4	9			6	6								
	1	44				5												
	2	44			5	17			6	6								
	3	44			3	8			4	4								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(15)

City	Perth	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			1	9			3	9								
	2	40			6	14			14	16								
	3	40			1	6			5	6								
	1	42				4			1	4								
	2	42			3	14			12	15								
	3	42			1	6			5	6								
	1	44				2				2								
	2	44			2	11			7	11								
	3	44			1	5			3	5								
1991	1	40		2	9	18		2	13	19								
	2	40	1	2	19	26	1	2	21	25								
	3	40		2	9	14		2	14	15								
	1	42			5	13			5	13								
	2	42		2	15	25		2	18	23								
	3	42		2	7	13		2	13	14								
	1	44			4	9			3	8								
	2	44		2	14	21		2	18	19								
	3	44		1	7	12		1	12	13								
1992	1	40			3	9			3	9								
	2	40			7	16			11	16								
	3	40			3	4			3	4								
	1	42				4				4								
	2	42			5	14			8	14								
	3	42			2	3			3	4								
	1	44				3				3								
	2	44			5	11			6	11								
	3	44			1	3			3	4								
1993	1	40			1	12			3	12								
	2	40			8	18			17	19								
	3	40			2	6			5	8								
	1	42				7			1	7								
	2	42			6	16			13	16								
	3	42			2	6			5	7								
	1	44				3				3								
	2	44			5	15			11	15								
	3	44			2	6			4	7								
1994	1	40			2	22			5	22								
	2	40			13	30			24	29								
	3	40			5	13			12	15								
	1	42			2	7			2	7								
	2	42			5	28			20	27								
	3	42			4	11			9	12								
	1	44			1	3				2								
	2	44			5	25			16	26								
	3	44			4	11			8	11								
1995	1	40			2	17			10	18								
	2	40			12	20			19	20								
	3	40			7	13			13	15								
	1	42				11			2	11								
	2	42			9	18			19	19								
	3	42			4	13			10	13								
	1	44				5				5								
	2	44			7	18			16	19								
	3	44			3	12			10	12								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(15)

City	Perth	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40			4	19			7	19								
	2	40			16	27			22	27								
	3	40			7	13			10	13								
	1	42			2	15			3	15								
	2	42			14	24			19	24								
	3	42			7	13			9	13								
	1	44				6				6								
	2	44			8	22			15	22								
	3	44			5	13			8	13								
1997	1	40			6	19			10	20								
	2	40			17	22			20	22								
	3	40			9	14			15	15								
	1	42			5	15			5	15								
	2	42			13	20			18	20								
	3	42			8	14			14	15								
	1	44			1	6			1	6								
	2	44			8	20			13	20								
	3	44			6	14			11	15								
1998	1	40			6	18			11	18								
	2	40			16	24			21	25								
	3	40			8	12			11	13								
	1	42			1	14			2	14								
	2	42			12	21			18	21								
	3	42			7	11			10	11								
	1	44			1	9			1	9								
	2	44			9	20			14	20								
	3	44			7	11			10	11								
1999	1	40			2	19			8	19								
	2	40			14	26			27	28								
	3	40			7	13			11	13								
	1	42				14				14								
	2	42			10	23			18	23								
	3	42			6	13			11	13								
	1	44				3				3								
	2	44			5	22			17	22								
	3	44			5	12			9	12								
2000	1	40			2	12			7	14								
	2	40			8	24			18	24								
	3	40			3	11			10	12								
	1	42			1	5			2	6								
	2	42			5	21			17	22								
	3	42			3	9			8	9								
	1	44				2				2								
	2	44			3	16			13	18								
	3	44			2	9			6	9								
2001	1	40				8			2	8								
	2	40			6	16			12	16								
	3	40			4	7			6	7								
	1	42				5				5								
	2	42			5	12			9	12								
	3	42			3	7			6	7								
	1	44				1				1								
	2	44			4	9			7	9								
	3	44			3	7			6	7								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(15a)

City	Perth	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	14			3	3								
	2	40			8	19			14	14								
	3	40			3	7			5	5								
	1	42			1	10			1	1								
	2	42			6	15			12	12								
	3	42			1	6			5	5								
	1	44				6												
	2	44			3	15			7	7								
	3	44			1	6			3	3								
1991	1	40		2	10	23		2	13	13								
	2	40	2	3	20	31	2	3	21	21								
	3	40		3	9	19		3	14	14								
	1	42		2	5	19		2	5	4								
	2	42	1	3	19	29	1	3	18	18								
	3	42		3	9	19		3	13	13								
	1	44		1	4	16		1	3	2								
	2	44		3	15	26		3	18	18								
	3	44		3	7	18		3	12	12								
1992	1	40			4	14			3	3								
	2	40			8	22			11	11								
	3	40			3	10			3	3								
	1	42			1	9			1									
	2	42			7	19			8	8								
	3	42			3	10			3	3								
	1	44				5												
	2	44			5	18			6	6								
	3	44			3	9			3	3								
1993	1	40			3	15			3	3								
	2	40			10	21			17	17								
	3	40			3	13			5	5								
	1	42				12			1	1								
	2	42			8	20			13	13								
	3	42			3	11			5	5								
	1	44				7												
	2	44			6	19			11	11								
	3	44			2	9			4	4								
1994	1	40			3	27			5	5								
	2	40			24	37			24	24								
	3	40			6	17			12	12								
	1	42			2	22			2	1								
	2	42			13	35			21	20								
	3	42			6	16			9	9								
	1	44			1	11												
	2	44			5	31			16	16								
	3	44			4	15			8	8								
1995	1	40			5	18			10	10								
	2	40			17	25			19	19								
	3	40			9	19			13	13								
	1	42			2	17			2	2								
	2	42			12	22			19	19								
	3	42			8	17			10	10								
	1	44				12												
	2	44			9	21			16	16								
	3	44			6	16			10	10								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(15a)

City	Perth	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40			6	24			8	7								
	2	40		1	19	34		1	22	22								
	3	40		1	9	17		1	10	10								
	1	42			3	19			3	2								
	2	42		1	16	30		1	19	19								
	3	42			8	14			9	9								
	1	44			1	16			1									
	2	44			14	27			17	15								
	3	44			7	14			8	8								
1997	1	40			6	20			10	10								
	2	40		4	18	27		4	20	20								
	3	40		2	9	16		2	15	15								
	1	42			5	20			5	4								
	2	42		2	18	25		2	20	18								
	3	42		1	9	15		1	14	14								
	1	44			3	17			3	1								
	2	44		1	13	23		1	17	13								
	3	44		1	9	15		1	11	11								
1998	1	40			9	21			12	10								
	2	40		1	18	31		1	22	21								
	3	40		1	8	21		1	11	11								
	1	42			2	19			3	1								
	2	42		1	16	29		1	18	18								
	3	42		1	8	19		1	10	10								
	1	44			1	16			1									
	2	44		1	12	27		1	15	14								
	3	44		1	8	18		1	10	10								
1999	1	40			3	23			9	8								
	2	40			18	35			27	27								
	3	40			7	22			11	11								
	1	42				21												
	2	42			15	31			18	18								
	3	42			7	17			11	11								
	1	44				14												
	2	44			10	28			17	17								
	3	44			7	16			9	9								
2000	1	40			2	21			7	7								
	2	40			11	28			18	18								
	3	40			5	14			10	10								
	1	42			1	15			2	2								
	2	42			9	26			18	17								
	3	42			3	13			8	8								
	1	44				8												
	2	44			5	25			13	13								
	3	44			3	13			6	6								
2001	1	40			1	12			3	2								
	2	40			8	20			12	12								
	3	40			4	9			6	6								
	1	42				8												
	2	42			6	19			9	9								
	3	42			4	9			6	6								
	1	44				6												
	2	44			5	17			7	7								
	3	44			3	8			6	6								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(16)

City	Perth	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			15	21			20	21								
	2	40	1	3	21	27		2	27	29							2	2
	3	40	1	2	7	15		1	18	18							2	4
	1	42			10	18			16	17								
	2	42		2	17	25		2	26	28							1	1
	3	42	1	2	6	14		1	16	16							1	1
	1	44			5	14			14	16								
	2	44		1	17	23		1	20	23								
	3	44			6	12			14	15								
1991	1	40	2	4	25	35	2	4	31	35							1	1
	2	40	5	12	31	42	3	11	41	45		1	1	2	1	3	10	11
	3	40	3	7	19	29	3	6	27	32		3		3	3	3	10	12
	1	42	2	3	21	29	2	3	24	29								
	2	42	3	8	28	39	3	8	37	41					1	1	4	4
	3	42	3	6	19	25	3	5	25	28		1		2	2	3	7	8
	1	44		2	17	25		2	20	24								
	2	44	3	7	26	37	3	7	33	38							2	2
	3	44	3	5	18	25	3	4	25	28						2	4	4
1992	1	40			13	23			25	26								
	2	40		3	23	37		3	36	39								1
	3	40		1	10	17		1	17	18								2
	1	42			9	19			18	21								
	2	42		3	21	33		3	32	34								
	3	42			9	16			14	16								
	1	44			6	16			10	16								
	2	44		1	18	30		1	28	30								
	3	44			9	16			13	16								
1993	1	40			16	23			26	27								
	2	40		4	21	32		4	36	37							2	4
	3	40			13	18			23	24							2	4
	1	42			13	20			21	22								
	2	42		3	20	31		3	30	33							1	1
	3	42			11	16			20	22								
	1	44			8	18			16	18								
	2	44		1	18	29		1	27	33								
	3	44			9	14			16	17								
1994	1	40		1	29	41		1	31	42								
	2	40	1	4	38	53		4	52	54							4	4
	3	40		2	16	30		2	32	33								8
	1	42			24	36			26	36								
	2	42	1	3	36	51		2	50	52							1	1
	3	42		2	16	29		2	29	31								2
	1	44			11	30			23	29								
	2	44		1	30	49		1	43	49								
	3	44		1	15	28		1	25	29								
1995	1	40		2	18	29		2	29	33								
	2	40		7	24	36		7	39	39							4	4
	3	40		1	19	27		1	29	30							5	11
	1	42			17	22			20	22								
	2	42		5	22	35		5	38	39							2	2
	3	42			16	26			29	29								
	1	44			11	19			19	19								
	2	44		2	21	33		2	36	37							1	1
	3	44			16	26			29	29								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(16)

City	Perth	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40		3	24	37		3	37	43								
	2	40	1	9	34	49	1	9	49	50							4	5
	3	40	1	5	16	27	1	5	34	34						1	2	9
	1	42		1	19	30		1	29	32								
	2	42		6	29	47		6	46	48							2	2
	3	42		4	14	27		4	32	32								3
	1	44			15	26			21	26								
	2	44		4	27	42		4	43	44								
	3	44		2	14	26		2	30	30								1
1997	1	40		5	20	27		5	27	29								
	2	40	3	8	26	38	3	8	39	40					1	1	9	10
	3	40	2	6	16	26	2	6	32	32				1	1	3	8	15
	1	42		2	19	25		2	23	25								
	2	42	1	6	24	34	1	6	37	37							4	4
	3	42	1	5	15	24	1	5	29	29					1	1	5	6
	1	44			15	22			20	22								
	2	44	1	6	23	31	1	6	33	35							3	3
	3	44	1	4	15	23	1	4	28	29							5	5
1998	1	40		1	20	43		1	36	46								
	2	40	1	10	31	57	1	10	57	59							5	8
	3	40	1	6	21	35	1	6	35	39				1		1	4	8
	1	42		1	19	29		1	23	29								
	2	42	1	9	27	52	1	9	47	55							1	2
	3	42	1	6	18	32	1	6	33	37						1	1	6
	1	44			16	23			20	23								
	2	44		6	27	50		6	42	51								
	3	44	1	5	16	30	1	5	32	35							1	1
1999	1	40			23	39			35	40								
	2	40		6	34	48		6	52	54							2	2
	3	40		3	20	28		3	35	35							2	7
	1	42			20	31			29	32								
	2	42		3	31	45		3	47	48								
	3	42		2	17	27		2	33	33								1
	1	44			14	25			27	27								
	2	44		2	28	44		2	43	45								
	3	44			15	26			30	30								
2000	1	40		1	20	31		1	30	33								
	2	40		4	28	40		4	42	45							6	6
	3	40		1	14	24		1	30	32					1	1	6	9
	1	42			14	26			25	26								
	2	42		2	25	37		2	38	39							3	3
	3	42		1	13	22		1	28	29							2	3
	1	44			7	22			18	22								
	2	44		2	25	35		2	35	37							1	1
	3	44		1	13	21		1	25	25							2	2
2001	1	40			10	21			24	25								
	2	40		4	21	34		4	36	41							1	1
	3	40		2	9	17		2	27	27								5
	1	42			8	19			16	19								
	2	42		1	20	32		1	29	34								
	3	42		2	9	16		2	23	24								2
	1	44			5	14			12	16								
	2	44			17	27			27	32								
	3	44		1	8	14		1	17	18								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(16a)

City	Perth	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		2	15	25		2	20	20								
	2	40	1	11	23	30		10	27	27		2		3		11	2	2
	3	40	1	6	9	20		5	18	18		5		6		16	2	2
	1	42		1	12	21		1	16	16								
	2	42		6	20	30		6	26	26				1		2	1	1
	3	42	1	4	7	18		3	16	16		1		3		6	1	1
	1	44			8	18			14	14								
	2	44		3	17	27		3	20	20								
	3	44		1	6	18		1	14	14				1		3		
1991	1	40	2	8	26	39	2	8	31	31						1	1	1
	2	40	6	20	34	48	4	19	41	41		9	1	13	1	20	10	10
	3	40	3	11	21	35	3	11	27	27		14		18	3	29	10	10
	1	42	2	4	21	36	2	4	24	24								
	2	42	3	16	30	46	3	16	37	37		3		4	1	11	4	4
	3	42	3	10	19	33	3	10	25	25		7		9	2	19	7	7
	1	44	1	3	20	30	1	3	20	20								
	2	44	3	12	28	42	3	12	33	33		2		3		3	2	2
	3	44	3	8	19	31	3	8	25	25		4		5		9	4	4
1992	1	40		3	16	31		3	25	25								
	2	40		10	26	43		10	36	36		3		3		11		
	3	40		4	11	20		4	17	17		3		7		15		
	1	42		1	11	26		1	18	18								
	2	42		5	22	41		5	32	32						3		
	3	42		3	10	18		3	14	14		1		2		8		
	1	44			7	20			10	10								
	2	44		3	20	39		3	28	28								
	3	44		3	10	18		3	13	13						2		
1993	1	40		3	18	31		3	26	26								
	2	40		13	23	41		13	36	36		4		5		14	2	2
	3	40		5	14	26		5	23	23		6		9		18	2	2
	1	42			15	25			21	21								
	2	42		7	21	36		7	30	30						4	1	1
	3	42		3	13	24		3	20	20		1		3		10		
	1	44			9	21			16	16								
	2	44		5	20	33		5	27	27								
	3	44		3	11	20		3	16	16						3		
1994	1	40		2	30	50		2	31	31								
	2	40	2	25	42	63	1	25	52	52		4		4		24	4	4
	3	40		9	19	42		9	32	32		11		16		32		
	1	42		1	26	44		1	26	26								
	2	42	1	11	38	58		11	50	50		1		2		4	1	1
	3	42		6	17	40		6	29	29		4		6		16		
	1	44			19	37			23	23								
	2	44		4	35	53		4	43	43						1		
	3	44		6	16	36		6	25	25				2		7		
1995	1	40		5	19	35		5	29	29								
	2	40		17	28	47		17	39	39		5		10		18	4	4
	3	40		10	19	32		10	29	29		13		17		29	5	5
	1	42		2	18	30		2	20	20								
	2	42		12	24	44		12	38	38						6	2	2
	3	42		10	19	29		10	29	29		2		9		17		
	1	44			16	24			19	19								
	2	44		9	22	41		9	36	36							1	1
	3	44		6	18	28		6	29	29						10		

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(16a)

City	Perth	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40		6	26	47		6	37	37								
	2	40	2	19	37	55	2	19	49	49		9		14		22	4	4
	3	40	1	12	17	36	1	12	34	34		13		15		29	2	2
	1	42		3	22	39		3	29	29								
	2	42	1	16	34	50	1	16	46	46		2		2		10	2	2
	3	42	1	10	17	35	1	10	32	32		5		9		16		
	1	44		1	19	34		1	21	21								
	2	44		14	29	49		14	43	43						2		
	3	44		8	15	31		8	30	30		1		3		9		
1997	1	40		6	22	34		6	27	27								
	2	40	5	19	27	47	5	19	39	39		8		13	1	20	9	9
	3	40	2	14	16	31	2	14	32	32		14		16	1	29	8	8
	1	42		5	20	30		5	23	23								
	2	42	3	17	26	44	3	17	37	37		3		5		8	4	4
	3	42	2	12	16	29	2	12	29	29		6		9	1	16	5	5
	1	44		3	18	26		3	20	20								
	2	44	1	13	24	39	1	13	33	33						3	3	3
	3	44	1	9	16	28	1	9	28	28		3		5		10	5	5
1998	1	40		9	24	52		9	36	36								
	2	40	1	19	43	61	1	19	57	57		9		12		20	5	5
	3	40	1	10	24	45	1	10	35	35		11		17		36	4	4
	1	42		1	20	45		1	23	23								
	2	42	1	16	31	57	1	16	47	47		1		3		9	1	1
	3	42	1	9	21	43	1	9	34	33		6		8		17	1	1
	1	44		1	18	31		1	21	20								
	2	44	1	12	27	57	1	12	42	42						1		
	3	44	1	8	19	40	1	8	32	32		3		5		8	1	1
1999	1	40		3	25	45		3	35	35								
	2	40		19	39	54		19	52	52		5		11		23	2	2
	3	40		10	23	36		10	35	35		13		18		31	2	2
	1	42			22	42			29	29								
	2	42		14	34	53		14	47	47						5		
	3	42		8	22	34		8	33	33		4		7		18		
	1	44			18	34			27	27								
	2	44		8	31	50		8	43	43								
	3	44		7	17	31		7	30	30				1		7		
2000	1	40		2	22	37		2	30	30								
	2	40	1	14	31	50	1	14	42	42		2		5		16	6	6
	3	40		9	16	31		9	30	30		9		13	1	26	6	6
	1	42		1	16	33		1	25	25								
	2	42		9	28	44		9	38	38		1		2		3	3	3
	3	42		5	15	31		5	28	28		1		4		14	2	2
	1	44			11	28			18	18								
	2	44		5	25	44		5	35	35						1	1	1
	3	44		3	13	28		3	25	25				1		5	2	2
2001	1	40		1	15	31		1	24	24								
	2	40		8	22	41		8	36	36		3		5		9	1	1
	3	40		6	10	26		6	27	27		6		9		20		
	1	42			9	21			16	16								
	2	42		6	21	39		6	29	29						3		
	3	42		5	9	23		5	23	23		3		4		9		
	1	44			7	20			12	12								
	2	44		5	19	36		5	27	27								
	3	44		4	9	22		4	17	17				1		5		

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40				2				2								
	2	40			1	9			3	9								
	3	40				3			2	4								
	1	42				1				1								
	2	42			1	8			2	8								
	3	42				3			1	3								
	1	44																
	2	44				5			2	5								
	3	44				1			1	1								
1991	1	40			4	11			3	11								
	2	40		2	9	19		2	14	19								
	3	40			5	10			10	10								
	1	42			3	6			3	6								
	2	42		1	6	18		1	12	18								
	3	42			3	9			8	9								
	1	44			2	3			2	3								
	2	44			5	14			7	14								
	3	44			3	9			7	9								
1992	1	40				3				3								
	2	40			3	9			3	9								
	3	40				3			1	2								
	1	42				1				1								
	2	42			2	7			3	6								
	3	42				3				2								
	1	44																
	2	44				4				4								
	3	44				2				2								
1993	1	40				4				4								
	2	40			2	12			3	12								
	3	40				3			1	3								
	1	42				1				1								
	2	42				8			2	8								
	3	42				3				3								
	1	44																
	2	44				7			1	7								
	3	44				3				3								
1994	1	40			1	4				3								
	2	40			2	22			5	22								
	3	40				7			6	7								
	1	42			1	2				1								
	2	42			2	17			4	17								
	3	42				6			2	6								
	1	44				1				1								
	2	44			2	9			3	9								
	3	44				6				6								
1995	1	40				7			1	7								
	2	40			2	17			10	18								
	3	40				10			7	11								
	1	42				2				2								
	2	42			2	15			8	16								
	3	42				9			4	9								
	1	44																
	2	44			2	11			2	11								
	3	44				8			3	8								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			1	9			1	9								
	2	40			5	19			10	19								
	3	40			1	9			4	9								
	1	42				4				4								
	2	42			4	19			5	19								
	3	42			1	9			2	9								
	1	44				1				1								
	2	44			3	15			3	15								
	3	44			1	8			1	8								
1997	1	40			3	8			4	8								
	2	40			6	19			10	20								
	3	40			4	12			6	12								
	1	42				6				6								
	2	42			5	18			10	20								
	3	42			4	9			5	9								
	1	44				5				5								
	2	44			5	15			5	15								
	3	44			3	9			5	9								
1998	1	40			1	9			1	9								
	2	40			7	19			11	19								
	3	40			5	9			7	9								
	1	42				5				5								
	2	42			5	18			8	18								
	3	42			3	8			6	8								
	1	44				1				1								
	2	44			1	16			2	16								
	3	44			2	8			4	8								
1999	1	40				6				6								
	2	40			2	20			10	20								
	3	40				7			4	7								
	1	42				2				2								
	2	42			1	18			2	18								
	3	42				7			4	7								
	1	44																
	2	44				14				14								
	3	44				7			2	7								
2000	1	40				3				3								
	2	40			2	13			9	16								
	3	40			1	6			4	7								
	1	42				2				2								
	2	42			2	11			6	12								
	3	42				5			4	6								
	1	44				1				1								
	2	44			1	7			2	7								
	3	44				3			4	4								
2001	1	40				4				4								
	2	40				8			4	8								
	3	40			1	5			4	5								
	1	42																
	2	42				7			1	7								
	3	42				4				4								
	1	44																
	2	44				5			1	6								
	3	44				4				4								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40				8												
	2	40			2	14			3	3								
	3	40			1	6			2	2								
	1	42				3												
	2	42			1	13			2	2								
	3	42			1	5			1	1								
	1	44				1												
	2	44			1	11			2	2								
	3	44				5			1	1								
1991	1	40		1	5	17		1	4	2								
	2	40		2	12	23		2	15	14								
	3	40		1	6	13		1	10	10								
	1	42			3	12			3	1								
	2	42		2	9	22		2	12	12								
	3	42		1	6	12		1	8	8								
	1	44			2	7			2									
	2	44		2	5	19		2	7	6								
	3	44		1	4	12		1	7	7								
1992	1	40				6												
	2	40			4	15			3	3								
	3	40				3			1	1								
	1	42				3												
	2	42			3	11			3	2								
	3	42				3												
	1	44				2												
	2	44			1	10			1									
	3	44				2												
1993	1	40				8												
	2	40			3	15			3	3								
	3	40				6			1	1								
	1	42				5												
	2	42			2	15			3	2								
	3	42				6												
	1	44				2												
	2	44				12			1	1								
	3	44				5												
1994	1	40			2	17			1									
	2	40			4	27			5	5								
	3	40			2	11			6	6								
	1	42			1	4												
	2	42			2	26			4	4								
	3	42			1	9			2	2								
	1	44				1												
	2	44			2	23			3	2								
	3	44				8												
1995	1	40				15			1	1								
	2	40			7	19			12	10								
	3	40				13			7	7								
	1	42				9												
	2	42			2	18			8	8								
	3	42				12			4	4								
	1	44				2												
	2	44			2	18			2	2								
	3	44				10			3	3								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			2	19			2									
	2	40			8	25			10	10								
	3	40			4	13			4	4								
	1	42				13												
	2	42			5	22			5	5								
	3	42			3	12			3	2								
	1	44				5												
	2	44			4	21			4	2								
	3	44			1	11			1	1								
1997	1	40			5	18			5	2								
	2	40			6	20			10	10								
	3	40			5	14			6	6								
	1	42			1	12			1									
	2	42			6	20			10	10								
	3	42			5	14			5	5								
	1	44				6												
	2	44			5	20			5	4								
	3	44			4	13			5	5								
1998	1	40			1	18			1									
	2	40			9	21			12	11								
	3	40			6	11			7	7								
	1	42			1	12			1									
	2	42			7	20			9	7								
	3	42			5	11			7	6								
	1	44				7												
	2	44			5	19			5	1								
	3	44			4	10			5	4								
1999	1	40				18												
	2	40			4	24			11	10								
	3	40			2	13			5	4								
	1	42				8												
	2	42			3	22			3	2								
	3	42				11			4	4								
	1	44				2												
	2	44			1	21			1									
	3	44				10			2	2								
2000	1	40			1	11			1									
	2	40			3	22			9	9								
	3	40			1	10			4	4								
	1	42				5												
	2	42			2	17			6	6								
	3	42			1	9			4	4								
	1	44				2												
	2	44			2	15			3	2								
	3	44				9			4	4								
2001	1	40				7												
	2	40			3	12			4	4								
	3	40			2	7			4	4								
	1	42				5												
	2	42				9			1	1								
	3	42			1	7			1									
	1	44																
	2	44				9			1	1								
	3	44				5												

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40			2	12			7	12								
	2	40			10	16			16	16								
	3	40			3	6			8	8								
	1	42			1	8			2	8								
	2	42			8	15			14	16								
	3	42			3	6			5	6								
	1	44				3			1	3								
	2	44			5	14			14	16								
	3	44			1	6			5	6								
1991	1	40		2	14	24		2	18	22								
	2	40	2	3	21	29	2	3	24	29								
	3	40		3	10	19		3	16	19								
	1	42		1	8	18		1	13	18								
	2	42	1	3	20	26	1	3	23	25								
	3	42		3	9	18		3	16	18								
	1	44			4	12			4	12								
	2	44		2	17	25		2	20	24								
	3	44		2	9	16		2	15	16								
1992	1	40			5	11			7	11								
	2	40			9	19			18	21								
	3	40			3	9			7	9								
	1	42			2	8			3	7								
	2	42			7	18			14	20								
	3	42			3	8			6	8								
	1	44				3				3								
	2	44			6	16			10	16								
	3	44			3	7			3	7								
1993	1	40			5	16			11	16								
	2	40			13	20			21	22								
	3	40			3	11			8	11								
	1	42			1	9			3	9								
	2	42			9	19			17	20								
	3	42			3	9			7	10								
	1	44				5			1	5								
	2	44			8	18			16	18								
	3	44			3	7			7	8								
1994	1	40			5	25			16	26								
	2	40			24	35			26	35								
	3	40			7	16			14	16								
	1	42			2	22			4	22								
	2	42			19	31			24	31								
	3	42			6	15			13	16								
	1	44			2	4			1	4								
	2	44			11	30			23	29								
	3	44			6	14			13	15								
1995	1	40			7	18			16	19								
	2	40			17	22			20	22								
	3	40			10	16			16	17								
	1	42			2	17			10	18								
	2	42			16	21			19	21								
	3	42			9	16			14	16								
	1	44				9			1	9								
	2	44			11	19			19	19								
	3	44			8	14			14	15								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			9	22			16	22								
	2	40		1	19	30		1	28	31								
	3	40			9	14			13	15								
	1	42			4	19			6	19								
	2	42			19	27			25	28								
	3	42			9	14			13	15								
	1	44			1	14			3	14								
	2	44			15	26			21	26								
	3	44			8	14			11	14								
1997	1	40			8	20			17	20								
	2	40		2	19	25		2	22	25								
	3	40		1	12	15		1	17	17								
	1	42			6	18			10	20								
	2	42		1	18	23		1	20	23								
	3	42		1	9	15		1	16	16								
	1	44			5	13			5	13								
	2	44			15	22			20	22								
	3	44		1	9	14		1	15	15								
1998	1	40			9	20			15	20								
	2	40		1	19	28		1	23	28								
	3	40		1	9	18		1	13	18								
	1	42			5	18			9	18								
	2	42		1	18	27		1	23	27								
	3	42		1	8	14		1	13	15								
	1	44			1	12			1	12								
	2	44			16	23			20	23								
	3	44			8	13			11	14								
1999	1	40			6	22			18	22								
	2	40			20	31			28	32								
	3	40			7	17			19	20								
	1	42			2	18			7	18								
	2	42			18	28			27	29								
	3	42			7	14			16	18								
	1	44				10				10								
	2	44			14	25			27	27								
	3	44			7	13			11	13								
2000	1	40			3	16			14	18								
	2	40			13	26			25	26								
	3	40			6	13			15	15								
	1	42			2	11			6	12								
	2	42			11	25			23	26								
	3	42			5	13			14	14								
	1	44			1	5			2	6								
	2	44			7	22			18	22								
	3	44			3	12			10	13								
2001	1	40			4	9			7	9								
	2	40			8	19			16	19								
	3	40			5	9			9	10								
	1	42				8			1	8								
	2	42			7	19			14	19								
	3	42			4	8			9	9								
	1	44				5				5								
	2	44			5	14			12	16								
	3	44			4	7			6	7								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1990	1	40			3	15			7	7								
	2	40		1	12	21		1	16	16								
	3	40			5	10			8	8								
	1	42			1	14			2	2								
	2	42			9	19			14	14								
	3	42			5	10			5	5								
	1	44				9			1	1								
	2	44			8	18			14	14								
	3	44			3	7			5	5								
1991	1	40		3	15	26		3	18	18								
	2	40	2	4	21	35	2	4	24	24								
	3	40	1	3	10	21	1	3	16	16								
	1	42		2	9	22		2	13	13								
	2	42	2	4	21	32	2	4	23	23								
	3	42		3	10	21		3	16	16								
	1	44		2	5	19		2	5	4								
	2	44	1	3	20	30	1	3	20	20								
	3	44		3	9	20		3	15	15								
1992	1	40			5	18			7	7								
	2	40		1	11	26		1	18	18								
	3	40			3	11			7	7								
	1	42			4	11			3	2								
	2	42			9	23			15	14								
	3	42			3	11			6	6								
	1	44				9												
	2	44			7	20			10	10								
	3	44			3	10			3	3								
1993	1	40			6	19			11	11								
	2	40			15	25			21	21								
	3	40			4	14			8	8								
	1	42			2	15			3	3								
	2	42			13	23			17	17								
	3	42			3	14			7	7								
	1	44				12			1	1								
	2	44			9	21			16	16								
	3	44			3	13			7	7								
1994	1	40			6	31			16	16								
	2	40		1	26	44		1	26	26								
	3	40			8	21			14	14								
	1	42			2	27			4	4								
	2	42		1	24	41		1	24	24								
	3	42			7	19			13	13								
	1	44			2	22			1									
	2	44			19	37			23	23								
	3	44			6	18			13	13								
1995	1	40			9	21			16	16								
	2	40		2	18	30		2	20	20								
	3	40			10	22			16	16								
	1	42			5	18			10	10								
	2	42			17	28			19	19								
	3	42			10	19			14	14								
	1	44			2	17			2	1								
	2	44			16	24			19	19								
	3	44			10	19			14	14								

APPENDIX - 14
(Predicted dangerous days - 1990 - 2001)

Table - 14(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.
1996	1	40			14	27			17	16								
	2	40		3	22	38		3	28	28								
	3	40		1	10	19		1	13	13								
	1	42			5	23			6	6								
	2	42		2	19	37		2	25	25								
	3	42		1	9	17		1	13	13								
	1	44			3	19			3	2								
	2	44		1	19	34		1	21	21								
	3	44		1	9	17		1	11	11								
1997	1	40		1	13	23		1	17	17								
	2	40		5	20	30		5	22	22								
	3	40		2	13	21		2	17	17								
	1	42			6	20			10	10								
	2	42		5	19	27		5	20	20								
	3	42		2	13	16		2	16	16								
	1	44			5	19			5	4								
	2	44		3	18	26		3	20	20								
	3	44		2	11	16		2	15	15								
1998	1	40		1	12	27		1	15	15								
	2	40		1	20	45		1	23	23								
	3	40		1	10	28		1	13	13								
	1	42			8	20			11	8								
	2	42		1	19	43		1	23	23								
	3	42		1	10	25		1	13	13								
	1	44			1	19			1									
	2	44		1	18	31		1	21	20								
	3	44		1	8	21		1	11	11								
1999	1	40			12	28			18	18								
	2	40			22	41			28	28								
	3	40			10	25			19	19								
	1	42			3	23			8	7								
	2	42			20	39			27	27								
	3	42			9	23			16	16								
	1	44				20												
	2	44			18	34			27	27								
	3	44			7	23			11	11								
2000	1	40			5	25			14	14								
	2	40		1	16	33		1	25	25								
	3	40			9	18			15	15								
	1	42			2	20			6	6								
	2	42		1	14	31		1	23	23								
	3	42			6	16			14	14								
	1	44			1	13			2	2								
	2	44			11	28			18	18								
	3	44			5	16			10	10								
2001	1	40			5	19			7	7								
	2	40			9	21			16	16								
	3	40			5	10			9	9								
	1	42			1	10			2	1								
	2	42			8	21			14	14								
	3	42			5	10			9	9								
	1	44				8												
	2	44			7	20			12	12								
	3	44			5	9			6	6								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40			23	68			39	75								
	2	40		1	51	113		1	116	140								
	3	40		1	32	84		1	108	124								
	1	42			7	38			7	38								
	2	42		1	41	105		1	93	124								
	3	42			26	76			93	110								
	1	44			2	21			2	21								
	2	44			30	87			67	102								
	3	44			22	74			79	99								
1991	1	40			5	41			30	56								
	2	40			37	88			115	127								
	3	40			20	66			109	115								
	1	42			2	24			7	28								
	2	42			22	83			94	115								
	3	42			13	63			89	101								
	1	44			1	7			1	7								
	2	44			15	64			66	94								
	3	44			7	60			73	90								
1992	1	40			4	36			24	44								
	2	40			20	78			78	94								
	3	40			15	61			68	75								
	1	42				18			5	18								
	2	42			17	67			61	78								
	3	42			9	55			57	65								
	1	44				5				5								
	2	44			13	56			49	67								
	3	44			8	51			50	60								
1993	1	40			5	43			30	56								
	2	40		1	28	91		1	99	112								
	3	40			15	61			92	95								
	1	42			1	24			5	26								
	2	42		1	22	86		1	80	102								
	3	42			13	55			82	86								
	1	44			1	7			1	7								
	2	44		1	10	74		1	60	87								
	3	44			9	51			65	77								
1994	1	40			14	58			39	71								
	2	40			38	120			117	145								
	3	40			24	90			108	116								
	1	42			7	34			12	36								
	2	42			34	110			96	131								
	3	42			20	79			98	104								
	1	44				16				16								
	2	44			26	89			77	113								
	3	44			18	73			88	99								
1995	1	40			2	22			17	32								
	2	40			9	68			72	88								
	3	40			10	48			68	77								
	1	42				7			3	9								
	2	42			6	59			49	74								
	3	42			4	42			52	64								
	1	44				2				2								
	2	44			3	45			36	58								
	3	44			4	37			40	55								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40			10	50			31	61								
	2	40		1	29	92		1	106	116								
	3	40		1	25	65		1	96	97								
	1	42			4	22			9	26								
	2	42		1	20	83		1	86	103								
	3	42		1	14	63		1	85	91								
	1	44			1	14			1	14								
	2	44		1	15	77		1	70	97								
	3	44		1	10	59		1	72	85								
1997	1	40			6	28			19	37								
	2	40		2	15	62		2	73	86								
	3	40			13	38			67	70								
	1	42			3	13			4	13								
	2	42		1	11	54		1	54	72								
	3	42			10	37			56	61								
	1	44			2	5			2	5								
	2	44			7	42			39	58								
	3	44			8	31			51	58								
1998	1	40		1	8	49		1	37	62								
	2	40		1	24	94		1	101	118								
	3	40			18	64			99	106								
	1	42			4	20			15	29								
	2	42		1	17	88		1	86	108								
	3	42			14	57			80	90								
	1	44			1	10			1	10								
	2	44		1	12	73		1	63	88								
	3	44			11	52			71	80								
1999	1	40			1	19			20	30								
	2	40			9	43			60	69								
	3	40			7	25			59	63								
	1	42				7			9	12								
	2	42			4	39			51	60								
	3	42			5	24			48	51								
	1	44				2				2								
	2	44			2	27			39	45								
	3	44			2	22			42	44								
2000	1	40			6	23			16	29								
	2	40		2	19	42		2	54	63								
	3	40			14	31			46	51								
	1	42			4	19			5	20								
	2	42		1	19	40		1	46	57								
	3	42			12	31			40	46								
	1	44			3	11			3	11								
	2	44			13	32			36	44								
	3	44			11	29			36	41								
2001	1	40			3	19			13	25								
	2	40			14	49			55	66								
	3	40			13	27			43	47								
	1	42			1	12			4	14								
	2	42			11	43			39	53								
	3	42			9	27			32	37								
	1	44				5			1	5								
	2	44			7	30			32	40								
	3	44			6	20			25	28								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40		1	26	104		1	41	31								
	2	40		6	71	144		6	121	115								
	3	40		6	43	116		6	111	108								
	1	42			14	71			14	4								
	2	42		3	50	129		3	96	90								
	3	42		4	38	107		4	94	91								
	1	44			3	41			3									
	2	44		2	40	118		2	72	61								
	3	44		4	28	97		4	81	77								
1991	1	40			9	83			33	28								
	2	40		1	43	111		1	115	113								
	3	40			34	90			110	109								
	1	42			3	50			8	7								
	2	42		1	35	100		1	94	91								
	3	42			25	79			92	89								
	1	44			1	33			1									
	2	44		1	21	93		1	70	64								
	3	44			17	76			76	72								
1992	1	40			7	67			26	24								
	2	40			32	97			81	78								
	3	40		1	22	78		1	68	68								
	1	42			2	45			5	5								
	2	42			21	90			62	60								
	3	42			19	72			57	57								
	1	44				20												
	2	44			17	84			49	46								
	3	44			11	71			51	50								
1993	1	40		1	7	86		1	32	26								
	2	40		1	42	110		1	99	99								
	3	40		1	24	90		1	92	92								
	1	42		1	4	54		1	8	5								
	2	42		1	26	98		1	81	78								
	3	42			17	81			82	81								
	1	44			1	25			1									
	2	44		1	22	91		1	65	59								
	3	44			15	76			67	64								
1994	1	40			19	110			42	34								
	2	40		4	52	146		4	119	117								
	3	40		2	36	120		2	108	108								
	1	42			12	67			15	7								
	2	42		2	37	131		2	97	94								
	3	42		2	29	109		2	98	98								
	1	44			2	34			2									
	2	44			34	121			81	71								
	3	44			23	101			88	88								
1995	1	40			2	59			17	16								
	2	40			19	97			73	72								
	3	40			17	74			69	67								
	1	42			2	30			5	3								
	2	42			10	83			49	48								
	3	42			13	62			54	49								
	1	44				9												
	2	44			6	76			37	35								
	3	44			7	56			43	39								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40		1	14	83		1	33	27								
	2	40		4	46	114		4	107	103								
	3	40		2	36	90		2	97	94								
	1	42		1	6	58		1	11	5								
	2	42		2	31	106		2	89	85								
	3	42		1	27	81		1	86	85								
	1	44			1	29			1									
	2	44		1	20	98		1	72	68								
	3	44		1	17	74		1	73	72								
1997	1	40		1	6	54		1	19	16								
	2	40		3	22	90		3	73	73								
	3	40		2	20	63		2	67	67								
	1	42			4	33			5	1								
	2	42		2	15	77		2	56	54								
	3	42		1	17	55		1	57	56								
	1	44			2	15			2									
	2	44		2	11	65		2	40	39								
	3	44			12	50			51	49								
1998	1	40		1	10	88		1	37	35								
	2	40	1	4	40	120	1	4	104	101								
	3	40		4	30	89		4	102	99								
	1	42		1	5	58		1	15	12								
	2	42		2	26	109		2	86	86								
	3	42		3	25	82		3	83	80								
	1	44			2	24			2									
	2	44		1	17	96		1	66	63								
	3	44			15	75			71	71								
1999	1	40			2	39			20	20								
	2	40			18	63			62	59								
	3	40			13	51			60	59								
	1	42				22			9	9								
	2	42			9	54			51	50								
	3	42			9	42			48	48								
	1	44				9												
	2	44			4	48			40	39								
	3	44			5	34			42	42								
2000	1	40		1	11	40		1	20	16								
	2	40		4	22	58		4	54	54								
	3	40		1	20	44		1	48	46								
	1	42			4	29			5	1								
	2	42		3	20	55		3	46	43								
	3	42		1	18	38		1	42	39								
	1	44			3	19			3									
	2	44		3	19	48		3	38	32								
	3	44		1	13	37		1	36	34								
2001	1	40			5	43			14	12								
	2	40		1	19	65		1	55	55								
	3	40			16	39			43	43								
	1	42			3	21			6	3								
	2	42		1	13	59		1	40	39								
	3	42			14	34			32	32								
	1	44			1	13			2	1								
	2	44			11	53			33	31								
	3	44			12	32			25	25								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40		1	45	105		1	100	128								
	2	40		7	92	147		7	166	176								
	3	40		6	68	117		6	157	163								
	1	42			27	73			53	84								
	2	42		4	81	133		4	157	165								
	3	42		4	60	110		4	149	154								
	1	44			14	45			19	47								
	2	44		2	65	124		2	133	152								
	3	44		4	51	102		4	138	141								
1991	1	40			24	83			95	116								
	2	40		1	66	112		1	159	162								
	3	40			56	92			145	147								
	1	42			7	50			42	70								
	2	42		1	50	102		1	151	154								
	3	42			47	82			138	141								
	1	44			3	34			15	43								
	2	44		1	40	93		1	131	138								
	3	44			38	78			130	133								
1992	1	40			19	70			65	81								
	2	40		1	58	98		1	123	129								
	3	40		1	40	78		1	111	115								
	1	42			6	50			37	61								
	2	42			43	91			105	115								
	3	42			30	73			100	104								
	1	44			4	21			11	24								
	2	44			26	84			86	100								
	3	44			25	72			93	98								
1993	1	40		1	23	87		1	85	105								
	2	40	1	1	70	111	1	1	147	153								
	3	40		1	49	91		1	132	137								
	1	42		1	7	56		1	40	69								
	2	42	1	1	55	104	1	1	131	136								
	3	42			38	83			121	126								
	1	44			4	26			14	33								
	2	44		1	37	94		1	111	120								
	3	44			31	78			108	113								
1994	1	40			35	112			97	132								
	2	40		5	87	147		5	157	168								
	3	40		2	65	120		2	154	159								
	1	42			19	68			53	87								
	2	42		2	65	134		2	148	160								
	3	42		2	54	111		2	146	151								
	1	44			11	36			21	44								
	2	44			51	123			136	151								
	3	44			48	103			135	140								
1995	1	40			6	60			54	78								
	2	40			43	98			121	129								
	3	40			33	74			106	108								
	1	42			2	31			23	45								
	2	42			26	85			105	111								
	3	42			24	64			94	96								
	1	44			2	10			8	14								
	2	44			18	76			87	98								
	3	44			19	58			84	87								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40		1	22	84		1	88	105								
	2	40	1	4	72	116	1	4	147	155								
	3	40		2	54	90		2	139	144								
	1	42		1	14	62		1	53	82								
	2	42	1	2	53	107	1	2	136	145								
	3	42		1	47	81		1	122	129								
	1	44			6	31			16	37								
	2	44		1	39	99		1	119	130								
	3	44		1	39	77		1	111	116								
1997	1	40		1	13	56		1	57	76								
	2	40		3	41	93		3	118	131								
	3	40		3	26	63		3	110	114								
	1	42			6	33			27	46								
	2	42		2	31	77		2	101	111								
	3	42		2	21	56		2	98	103								
	1	44			3	15			7	16								
	2	44		2	20	67		2	82	94								
	3	44			20	51			91	95								
1998	1	40		1	20	89		1	89	110								
	2	40	1	4	71	121	1	4	154	161								
	3	40		4	44	89		4	144	146								
	1	42		1	10	62		1	50	75								
	2	42	1	2	53	112	1	2	140	151								
	3	42		3	42	84		3	136	137								
	1	44			5	26			20	37								
	2	44	1	1	32	98	1	1	124	135								
	3	44			37	77			123	125								
1999	1	40			7	39			52	61								
	2	40			26	63			105	110								
	3	40			21	51			91	96								
	1	42			2	24			29	39								
	2	42			21	54			95	97								
	3	42			16	44			82	88								
	1	44				9			10	14								
	2	44			15	51			72	82								
	3	44			15	39			71	76								
2000	1	40		1	19	40		1	48	58								
	2	40		4	32	58		4	93	98								
	3	40		1	24	44		1	84	86								
	1	42			7	30			21	35								
	2	42		3	27	56		3	82	90								
	3	42		1	20	41		1	71	74								
	1	44			4	20			8	22								
	2	44		3	21	49		3	66	75								
	3	44		1	20	37		1	62	64								
2001	1	40			12	46			41	55								
	2	40		1	31	67		1	88	97								
	3	40			18	39			78	81								
	1	42			5	22			25	31								
	2	42		1	21	60		1	81	88								
	3	42			17	35			68	73								
	1	44			2	13			7	16								
	2	44			20	54			62	73								
	3	44			17	33			60	65								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40		4	52	130		4	101	96								
	2	40		21	111	180		21	166	166								
	3	40		13	75	159		13	157	157								
	1	42		1	31	110		1	55	45								
	2	42		14	94	169		14	158	157								
	3	42		11	71	144		11	149	149								
	1	44			17	82			21	13								
	2	44		11	79	153		11	135	133								
	3	44		8	67	135		8	138	138								
1991	1	40		1	35	102		1	95	92								
	2	40		6	85	148		6	159	159								
	3	40		3	62	122		3	145	145								
	1	42			16	87			47	39								
	2	42		3	65	134		3	151	151								
	3	42			60	112			138	138								
	1	44			4	61			16	14								
	2	44		2	49	124		2	132	131								
	3	44			52	104			130	130								
1992	1	40			21	91			66	64								
	2	40		3	69	119		3	123	122								
	3	40		2	52	99		2	112	111								
	1	42			16	77			41	36								
	2	42		2	57	111		2	106	104								
	3	42		2	43	90		2	100	100								
	1	44			4	56			11	11								
	2	44		2	41	106		2	89	86								
	3	44		1	33	84		1	93	92								
1993	1	40		1	27	103		1	86	83								
	2	40	1	7	89	140	1	7	147	147								
	3	40		6	54	115		6	132	132								
	1	42		1	11	90		1	41	40								
	2	42	1	5	73	133	1	5	131	131								
	3	42		4	49	109		4	121	121								
	1	44		1	5	67		1	15	11								
	2	44	1	4	54	119	1	4	111	111								
	3	44		4	43	104		4	108	108								
1994	1	40		2	38	133		2	97	95								
	2	40		16	110	176		16	159	156								
	3	40		6	77	151		6	154	154								
	1	42			27	114			58	47								
	2	42		11	88	165		11	151	148								
	3	42		4	68	139		4	146	146								
	1	44			13	86			23	14								
	2	44		9	65	156		9	136	135								
	3	44		3	60	134		3	135	134								
1995	1	40			13	85			56	53								
	2	40		2	58	119		2	121	121								
	3	40		2	39	97		2	106	106								
	1	42			5	66			25	22								
	2	42		2	43	113		2	105	105								
	3	42		2	34	91		2	94	94								
	1	44			2	43			8	7								
	2	44		2	26	107		2	88	87								
	3	44		1	31	84		1	84	83								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40		2	32	107		2	90	86								
	2	40	1	14	83	145	1	14	147	147								
	3	40	1	8	61	120	1	8	139	139								
	1	42		1	15	92		1	53	51								
	2	42	1	8	74	132	1	8	138	136								
	3	42		5	57	113		5	122	122								
	1	44		1	8	72		1	17	11								
	2	44	1	6	53	122	1	6	120	117								
	3	44		2	52	105		2	111	111								
1997	1	40		2	16	77		2	58	56								
	2	40	1	5	54	120	1	5	118	118								
	3	40		5	33	95		5	110	110								
	1	42		1	8	61		1	27	26								
	2	42		5	41	110		5	101	101								
	3	42		4	27	88		4	98	98								
	1	44			5	41			9	4								
	2	44		3	31	101		3	83	82								
	3	44		3	24	80		3	91	91								
1998	1	40	1	2	27	112	1	2	89	89								
	2	40	1	10	88	147	1	10	155	154								
	3	40		6	53	120		6	144	144								
	1	42		1	14	91		1	51	49								
	2	42	1	7	72	136	1	7	141	138								
	3	42		6	46	105		6	136	136								
	1	44		1	7	71		1	21	17								
	2	44	1	5	53	129	1	5	127	124								
	3	44		5	43	102		5	124	123								
1999	1	40			10	54			52	51								
	2	40		2	39	97		2	105	105								
	3	40			23	71			91	91								
	1	42			3	41			30	29								
	2	42		1	26	88		1	95	95								
	3	42			22	65			82	82								
	1	44			1	26			10	10								
	2	44			21	70			74	71								
	3	44			21	62			71	71								
2000	1	40		3	20	56		3	48	45								
	2	40	1	7	39	84	1	7	94	93								
	3	40		5	29	64		5	84	84								
	1	42		2	17	42		2	28	21								
	2	42		6	32	74		6	83	82								
	3	42		4	28	58		4	71	71								
	1	44			6	32			8	5								
	2	44		4	27	64		4	67	66								
	3	44		4	22	53		4	62	62								
2001	1	40		1	14	59		1	42	41								
	2	40		5	42	93		5	89	88								
	3	40		1	22	63		1	78	78								
	1	42			7	48			25	23								
	2	42		3	31	80		3	81	81								
	3	42		1	19	55		1	69	68								
	1	44			3	29			8	5								
	2	44		2	21	71		2	62	62								
	3	44			17	47			60	60								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(3)

City	Port Hedland	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40		1	46	108		1	102	130								
	2	40		7	94	150		7	169	180								
	3	40		6	69	121		6	161	168								
	1	42			29	76			54	86								
	2	42		5	82	136		5	161	169								
	3	42		4	65	112		4	152	157								
	1	44			15	48			20	50								
	2	44		3	70	127		3	140	157								
	3	44		4	54	104		4	143	148								
1991	1	40			27	84			102	121								
	2	40		2	69	114		2	160	163								
	3	40			60	95			150	152								
	1	42			9	53			48	72								
	2	42		1	55	104		1	153	154								
	3	42			52	85			141	143								
	1	44			3	34			19	46								
	2	44		1	43	95		1	135	142								
	3	44			39	78			132	135								
1992	1	40			19	72			67	83								
	2	40		1	58	100		1	125	131								
	3	40		1	41	78		1	114	117								
	1	42			7	54			42	65								
	2	42			47	92			107	116								
	3	42			31	76			102	106								
	1	44			4	21			11	24								
	2	44			31	85			91	104								
	3	44			29	72			94	99								
1993	1	40		1	25	89		1	90	107								
	2	40	1	2	77	113	1	2	150	155								
	3	40		1	50	94		1	134	139								
	1	42		1	7	59		1	43	73								
	2	42	1	1	57	107	1	1	134	139								
	3	42		1	41	85		1	124	129								
	1	44			4	32			15	38								
	2	44		1	41	95		1	114	121								
	3	44			34	80			113	117								
1994	1	40			36	114			105	135								
	2	40		8	90	150		8	161	173								
	3	40		2	69	121		2	159	162								
	1	42			19	74			57	95								
	2	42		2	68	136		2	150	160								
	3	42		2	60	115		2	150	156								
	1	44			12	38			23	46								
	2	44		1	52	126		1	138	153								
	3	44			51	106			139	145								
1995	1	40			7	61			57	80								
	2	40		1	45	104		1	126	133								
	3	40			34	75			111	114								
	1	42			2	35			27	51								
	2	42			30	87			111	118								
	3	42			30	67			98	100								
	1	44			2	13			9	18								
	2	44			19	77			90	100								
	3	44			21	61			86	89								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(3)

City	Port Hedland	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40		1	23	88		1	91	108								
	2	40	1	4	77	118	1	4	150	159								
	3	40		2	55	92		2	143	148								
	1	42		1	14	65		1	60	89								
	2	42	1	2	58	108	1	2	140	147								
	3	42		1	51	82		1	124	130								
	1	44			6	33			18	41								
	2	44		1	45	101		1	123	134								
	3	44		1	41	79		1	114	119								
1997	1	40		1	13	56		1	63	79								
	2	40		3	42	94		3	121	132								
	3	40		3	27	65		3	112	116								
	1	42			6	36			29	50								
	2	42		3	33	80		3	106	118								
	3	42		2	23	59		2	100	104								
	1	44			4	17			10	19								
	2	44		2	20	69		2	85	96								
	3	44			21	51			95	99								
1998	1	40		1	22	89		1	95	113								
	2	40	1	4	73	123	1	4	155	163								
	3	40		4	46	91		4	146	147								
	1	42		1	10	68		1	52	80								
	2	42	1	3	58	116	1	3	144	155								
	3	42		3	43	86		3	141	142								
	1	44		1	5	28		1	23	41								
	2	44	1	1	36	99	1	1	131	139								
	3	44		2	38	78		2	130	131								
1999	1	40			7	40			53	62								
	2	40			27	65			107	112								
	3	40			23	51			96	99								
	1	42			2	25			32	40								
	2	42			22	56			96	99								
	3	42			20	45			83	90								
	1	44				10			12	16								
	2	44			17	51			76	85								
	3	44			15	39			75	79								
2000	1	40		1	19	40		1	50	60								
	2	40		4	32	62		4	98	104								
	3	40		2	24	46		2	86	88								
	1	42			11	30			27	36								
	2	42		4	29	57		4	85	92								
	3	42		1	22	43		1	78	81								
	1	44			4	21			11	25								
	2	44		3	22	50		3	69	78								
	3	44		1	20	37		1	65	67								
2001	1	40			13	46			45	56								
	2	40		1	31	67		1	89	98								
	3	40			18	42			79	82								
	1	42			5	26			25	33								
	2	42		1	23	60		1	83	89								
	3	42			17	36			75	78								
	1	44			2	15			9	20								
	2	44			20	58			65	77								
	3	44			17	33			62	67								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(3a)

City	Port Hedland	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40		5	54	133		5	105	100								
	2	40	1	21	111	182	1	21	169	169								
	3	40		16	77	162		16	161	161								
	1	42		1	35	113		1	57	47								
	2	42		17	96	172		17	162	161								
	3	42		11	74	147		11	152	152								
	1	44			19	85			24	15								
	2	44		12	79	159		12	142	140								
	3	44		9	68	140		9	143	143								
1991	1	40		1	35	104		1	102	100								
	2	40		8	85	151		8	160	160								
	3	40		3	64	128		3	150	150								
	1	42			16	88			52	46								
	2	42		3	70	136		3	153	153								
	3	42		1	60	114		1	141	141								
	1	44			4	64			20	19								
	2	44		2	54	126		2	136	135								
	3	44			54	108			132	132								
1992	1	40			21	92			68	67								
	2	40		5	70	122		5	125	124								
	3	40		3	54	101		3	114	114								
	1	42			17	79			45	40								
	2	42		2	60	115		2	109	106								
	3	42		2	47	91		2	103	102								
	1	44			4	56			11	11								
	2	44		2	45	106		2	93	91								
	3	44		1	38	87		1	94	94								
1993	1	40		1	33	106		1	91	89								
	2	40	1	7	90	142	1	7	151	150								
	3	40		6	56	117		6	134	134								
	1	42		1	12	90		1	44	43								
	2	42	1	5	79	135	1	5	134	134								
	3	42		5	52	110		5	124	124								
	1	44		1	5	74		1	16	12								
	2	44	1	4	56	123	1	4	114	114								
	3	44		4	45	104		4	113	113								
1994	1	40		2	40	135		2	105	105								
	2	40		16	112	177		16	162	160								
	3	40		7	80	154		7	159	159								
	1	42			28	119			62	51								
	2	42		11	93	171		11	153	150								
	3	42		4	72	143		4	150	150								
	1	44			13	89			24	15								
	2	44		10	68	158		10	138	137								
	3	44		3	63	136		3	139	139								
1995	1	40			14	87			59	57								
	2	40		2	60	125		2	126	126								
	3	40		2	40	98		2	111	111								
	1	42			6	69			29	27								
	2	42		2	47	113		2	111	111								
	3	42		2	34	91		2	98	98								
	1	44			2	45			9	8								
	2	44		2	30	108		2	91	90								
	3	44		1	32	86		1	86	86								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(3a)

City	Port Hedland	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40		2	35	108		2	93	89								
	2	40	1	14	84	148	1	14	150	150								
	3	40	1	8	63	123	1	8	143	143								
	1	42		1	17	93		1	60	58								
	2	42	1	8	78	133	1	8	141	140								
	3	42	1	5	58	115	1	5	124	124								
	1	44		1	8	77		1	19	14								
	2	44	1	6	58	123	1	6	123	121								
	3	44		2	54	108		2	114	114								
1997	1	40		3	19	80		3	64	62								
	2	40	1	5	55	123	1	5	121	121								
	3	40		5	35	98		5	112	112								
	1	42		2	9	63		2	30	28								
	2	42		5	44	112		5	106	106								
	3	42		5	29	90		5	100	100								
	1	44			5	42			11	6								
	2	44		4	33	104		4	86	85								
	3	44		3	26	84		3	95	95								
1998	1	40	1	4	28	116	1	4	95	95								
	2	40	1	10	89	152	1	10	155	155								
	3	40		8	55	123		8	146	146								
	1	42		1	14	94		1	53	52								
	2	42	1	8	78	141	1	8	146	143								
	3	42		6	48	112		6	141	141								
	1	44		1	7	73		1	24	20								
	2	44	1	5	58	132	1	5	133	130								
	3	44		6	44	102		6	130	130								
1999	1	40			11	56			53	52								
	2	40		2	39	99		2	107	107								
	3	40			25	72			96	96								
	1	42			3	43			33	32								
	2	42		1	30	89		1	97	96								
	3	42			22	68			83	83								
	1	44			1	27			12	12								
	2	44			22	76			79	75								
	3	44			21	62			75	75								
2000	1	40		4	21	57		4	50	49								
	2	40	1	11	40	86	1	11	99	98								
	3	40		6	31	66		6	86	86								
	1	42		2	18	43		2	30	24								
	2	42		6	34	76		6	86	85								
	3	42		4	28	60		4	78	78								
	1	44			6	32			11	8								
	2	44		4	29	66		4	70	69								
	3	44		4	24	55		4	65	65								
2001	1	40		1	16	59		1	45	44								
	2	40		5	45	95		5	90	89								
	3	40		2	24	67		2	80	79								
	1	42			8	50			26	23								
	2	42		3	31	82		3	83	83								
	3	42		1	20	57		1	75	75								
	1	44			3	30			10	7								
	2	44		2	23	73		2	66	65								
	3	44			18	49			62	62								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(4)

City	Port Hedland	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40	6	33	146	196	6	33	213	217	1	1	1	1	2	2	23	23
	2	40	39	92	189	222	62	108	224	233	55	64	70	77	100	115	167	187
	3	40	19	71	166	213	72	117	221	225	68	89	85	108	111	152	173	216
	1	42	1	21	124	182	1	21	199	206								
	2	42	32	81	182	212	31	78	220	227	30	31	38	41	63	67	138	148
	3	42	13	59	155	206	38	82	217	220	51	61	62	74	90	108	164	195
	1	44		9	102	154		9	175	184								
	2	44	23	63	168	206	15	55	218	222	9	9	9	9	21	21	94	97
	3	44	11	48	145	200	23	58	216	218	30	32	39	43	65	74	139	157
1991	1	40	4	23	116	179	1	20	193	200					1	1	35	35
	2	40	28	76	160	209	72	109	219	224	84	84	89	91	109	118	173	183
	3	40	5	60	134	189	89	126	213	217	89	100	96	117	116	151	185	211
	1	42		6	99	149		6	178	185							1	1
	2	42	19	57	150	203	33	68	211	217	55	55	65	65	79	80	137	141
	3	42	4	47	122	178	65	97	208	213	77	81	84	90	100	118	167	183
	1	44		2	76	124		2	161	164								
	2	44	12	45	135	195	7	39	208	212	27	27	29	29	41	41	105	105
	3	44	2	39	116	173	38	71	205	205	65	65	70	71	84	90	139	154
1992	1	40		16	98	144		16	176	179					1	1	12	12
	2	40	21	65	130	184	30	66	202	210	39	40	48	50	82	87	144	154
	3	40	6	44	106	162	42	66	198	202	49	58	68	80	94	111	160	195
	1	42		3	83	119		3	156	162							1	1
	2	42	10	47	120	172	13	45	195	201	16	16	23	23	35	37	113	117
	3	42	3	30	100	156	18	44	193	198	30	31	37	39	65	75	147	166
	1	44		2	61	105		2	132	139								
	2	44	4	27	111	160	4	26	193	195	4	4	9	9	16	16	66	67
	3	44	2	23	92	149	9	33	191	194	12	12	19	20	41	41	111	120
1993	1	40	1	22	113	157	1	22	181	181	1	1	1	1	1	1	19	19
	2	40	19	74	150	181	58	96	198	200	69	69	76	79	98	101	153	164
	3	40	8	48	120	167	73	100	191	192	81	91	95	106	115	134	166	194
	1	42	1	7	95	140	1	7	170	176							1	1
	2	42	13	56	139	172	22	61	190	192	41	42	53	53	64	65	123	127
	3	42	6	36	114	160	44	70	188	189	60	62	71	78	98	107	148	164
	1	44	1	3	81	117	1	3	155	160								
	2	44	8	37	128	169	7	34	187	188	8	8	16	16	24	24	91	91
	3	44	4	27	111	152	24	46	182	182	43	44	51	51	67	70	126	138
1994	1	40	5	33	148	198	3	31	203	218					2	2	25	25
	2	40	28	87	184	230	64	110	233	245	71	74	76	83	99	113	163	185
	3	40	9	67	160	213	81	121	221	226	81	94	90	110	112	148	176	223
	1	42		16	122	177		16	186	203							1	1
	2	42	22	69	177	221	33	77	227	238	38	38	49	49	66	70	139	143
	3	42	4	54	149	204	50	90	218	223	54	61	70	75	95	111	160	186
	1	44		9	100	156		9	165	176								
	2	44	16	53	161	214	14	50	216	231	14	14	18	18	29	29	96	98
	3	44	3	41	141	203	29	63	216	222	35	35	45	47	70	74	148	160
1995	1	40		6	96	141		6	192	195					1	1	11	11
	2	40	4	43	128	177	32	63	215	218	65	65	78	79	91	93	155	168
	3	40	3	34	100	153	50	78	207	209	74	77	83	90	102	126	171	209
	1	42		2	75	119		2	165	170								
	2	42	3	25	116	165	12	32	209	211	23	23	39	39	51	51	115	117
	3	42	2	24	95	147	30	53	203	206	57	57	66	68	86	93	144	173
	1	44		1	55	107		1	131	138								
	2	44	3	19	111	153	5	21	202	205	4	4	7	7	17	17	70	70
	3	44	1	17	91	138	12	25	201	203	27	27	42	42	59	61	111	129

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(4)

City	Port Hedland	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40	3	21	114	170	3	21	200	204					2	2	27	27
	2	40	14	72	153	218	60	107	231	241	72	74	89	91	114	116	164	177
	3	40	8	54	126	189	89	121	230	231	86	99	98	114	123	147	177	224
	1	42	1	14	97	145	1	14	183	187								
	2	42	11	53	143	207	31	66	227	234	39	39	53	54	70	72	137	143
	3	42	6	47	119	184	54	87	225	227	69	75	81	90	97	111	162	185
	1	44	1	5	79	120	1	5	153	161								
	2	44	6	39	129	192	11	43	215	221	13	13	20	20	33	34	99	99
	3	44	4	38	115	175	28	58	215	219	42	42	51	52	78	87	139	149
1997	1	40	3	11	89	139	3	11	193	197							12	12
	2	40	7	42	124	176	47	76	217	219	78	81	84	88	102	106	149	161
	3	40	6	26	104	160	77	96	211	211	85	94	97	110	113	130	161	205
	1	42	2	5	64	120	2	5	166	168								
	2	42	7	31	117	169	15	36	212	215	37	37	54	55	70	74	126	128
	3	42	6	21	93	148	45	61	207	207	71	74	77	82	97	109	149	172
	1	44	1	3	48	101	1	3	126	138								
	2	44	5	20	108	156	5	20	206	208	5	5	8	8	21	21	86	86
	3	44	4	20	88	144	22	37	204	204	45	45	59	60	72	76	129	134
1998	1	40	4	17	119	179	4	17	209	216			2	2	5	5	28	28
	2	40	10	70	155	223	53	95	250	256	69	71	85	88	106	110	175	189
	3	40	9	44	124	198	79	98	239	244	91	96	100	109	127	142	188	227
	1	42	1	10	95	147	1	10	188	192							1	1
	2	42	9	53	145	209	28	62	242	244	40	40	45	45	64	67	137	139
	3	42	6	41	117	191	53	74	236	240	70	77	84	88	104	111	172	189
	1	44	1	5	80	127	1	5	162	168								
	2	44	6	32	136	200	14	37	229	236	13	13	20	20	30	30	93	93
	3	44	6	33	106	185	30	50	229	232	41	41	52	53	82	85	148	155
1999	1	40		5	62	119		5	167	173					1	1	20	20
	2	40	2	26	102	164	49	61	210	213	77	77	81	81	96	96	136	146
	3	40		21	75	142	69	77	198	200	88	90	96	99	115	119	155	197
	1	42		2	46	97		2	136	144								
	2	42	1	21	90	148	19	32	197	200	40	40	51	51	67	67	111	112
	3	42		16	70	132	47	56	188	190	69	69	81	81	97	100	135	149
	1	44			33	69			107	113								
	2	44		14	83	137	7	15	181	186	12	12	19	19	31	31	82	82
	3	44		14	65	126	25	33	185	186	47	47	57	57	79	79	122	125
2000	1	40	4	19	57	104	4	19	168	171					1	1	16	16
	2	40	12	32	87	144	43	58	208	211	68	72	81	84	103	106	148	156
	3	40	7	24	69	122	59	72	189	190	90	95	103	110	123	134	170	190
	1	42	3	7	47	84	3	7	136	140								
	2	42	7	27	82	132	15	34	196	198	25	25	37	37	61	64	119	122
	3	42	5	20	61	116	36	51	183	184	53	55	73	78	101	106	150	162
	1	44		4	35	64		4	109	115								
	2	44	4	21	70	120	6	23	183	186	7	7	8	8	14	14	77	77
	3	44	4	20	58	107	15	31	175	177	27	28	36	37	67	68	134	137
2001	1	40	1	11	65	115	2	11	152	157			1	1	2	2	12	12
	2	40	9	32	100	150	29	46	195	197	47	48	53	55	67	70	114	124
	3	40	2	18	68	119	49	56	187	189	57	64	61	67	79	86	135	171
	1	42		5	54	93		5	122	128							1	1
	2	42	7	22	87	140	12	24	184	188	16	16	29	29	45	46	86	87
	3	42	1	17	61	113	24	36	180	182	43	43	50	51	63	68	113	129
	1	44		2	33	69		2	93	99								
	2	44	5	20	73	132	6	19	171	175	5	5	7	7	12	12	60	61
	3	44	1	17	56	104	9	23	176	178	23	23	31	31	48	49	92	95

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(4a)

City	Port Hedland	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40	11	70	157	212	11	70	213	213	1	2	1	5	2	14	23	23
	2	40	47	147	196	238	67	156	224	224	55	164	70	197	100	227	167	167
	3	40	22	141	177	221	75	166	221	221	68	217	85	229	111	255	173	173
	1	42	3	39	134	201	3	39	199	198								
	2	42	35	124	189	234	33	120	220	220	30	97	38	116	63	176	138	138
	3	42	19	121	171	220	44	141	217	217	51	178	62	206	90	232	164	164
	1	44	1	22	113	185	1	22	175	175								
	2	44	29	103	181	228	21	96	218	218	9	31	9	45	21	83	94	94
	3	44	16	93	163	217	28	107	216	216	30	117	39	148	65	207	139	139
1991	1	40	5	46	130	202	2	43	193	193					1	3	35	35
	2	40	38	123	175	218	78	143	219	218	84	153	89	176	109	210	173	173
	3	40	10	109	151	205	96	148	213	213	89	196	96	211	116	250	185	185
	1	42	1	29	104	187	1	29	178	178							1	1
	2	42	24	98	159	213	38	104	212	211	55	96	65	119	79	153	137	137
	3	42	5	89	139	203	66	126	208	208	77	160	84	179	100	214	167	167
	1	44		10	87	156		10	161	161								
	2	44	15	77	150	210	10	73	208	208	27	40	29	51	41	81	105	105
	3	44	4	76	127	198	42	104	205	205	65	120	70	138	84	178	139	139
1992	1	40	2	41	108	171	2	41	176	176				1	1	5	12	12
	2	40	26	105	141	210	32	103	202	202	39	114	48	140	82	186	144	144
	3	40	9	85	125	194	43	99	198	198	49	172	68	199	94	238	160	160
	1	42		19	88	150		19	156	156							1	1
	2	42	18	88	131	203	19	84	195	195	16	52	23	70	35	117	113	113
	3	42	6	77	113	189	21	83	193	193	30	119	37	153	65	200	147	147
	1	44		10	74	126		10	133	132								
	2	44	4	61	120	194	4	60	193	193	4	13	9	24	16	52	66	66
	3	44	4	67	103	181	11	71	191	191	12	71	19	91	41	155	111	111
1993	1	40	4	52	120	171	4	52	181	181	1	2	1	2	1	4	19	19
	2	40	28	113	159	201	62	128	198	198	69	145	76	164	98	187	153	153
	3	40	9	101	128	182	74	134	191	191	81	175	95	191	115	231	166	166
	1	42	1	24	101	162	1	24	170	170							1	1
	2	42	16	96	150	191	23	94	190	190	41	84	53	111	64	142	123	123
	3	42	9	85	123	178	48	110	188	188	60	148	71	165	98	194	148	148
	1	44	1	9	91	146	1	9	156	155								
	2	44	11	84	138	187	10	81	187	187	8	16	16	35	24	67	91	91
	3	44	6	73	118	176	28	87	182	182	43	101	51	127	67	163	126	126
1994	1	40	11	63	158	221	9	62	203	203					2	9	25	25
	2	40	36	145	195	255	70	157	234	233	71	166	76	195	99	237	163	163
	3	40	18	138	169	234	86	164	221	221	81	222	90	236	112	272	176	176
	1	42	2	33	129	202	2	33	186	186							1	1
	2	42	30	124	184	250	40	127	227	227	38	91	49	125	66	174	139	139
	3	42	13	118	162	227	58	137	218	218	54	172	70	202	95	238	160	160
	1	44		18	114	180		18	166	165								
	2	44	20	102	177	241	18	100	216	216	14	32	18	44	29	84	96	96
	3	44	7	98	155	218	32	106	216	216	35	114	45	151	70	205	148	148
1995	1	40	2	25	107	165	2	25	192	192					1	2	11	11
	2	40	7	93	140	198	33	104	215	215	65	134	78	165	91	204	155	155
	3	40	4	80	112	179	51	114	207	207	74	190	83	206	102	245	171	171
	1	42		8	80	145		8	165	165								
	2	42	4	72	131	187	13	74	209	209	23	45	39	77	51	134	115	115
	3	42	3	67	103	175	31	86	203	203	57	139	66	171	86	210	144	144
	1	44		3	61	128		3	131	131								
	2	44	3	57	116	181	5	57	202	202	4	8	7	12	17	41	70	70
	3	44	2	50	98	167	12	55	201	201	27	79	42	112	59	171	111	111

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(4a)

City	Port Hedland	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40	6	53	122	207	6	53	200	200		1		1	2	5	27	27
	2	40	19	111	167	234	64	131	231	231	72	147	89	172	114	229	164	164
	3	40	10	97	139	217	90	143	230	230	86	212	98	228	123	276	177	177
	1	42	1	25	105	182	1	25	183	183								
	2	42	15	95	157	233	34	105	227	227	39	82	53	114	70	153	137	137
	3	42	10	85	132	212	56	111	225	225	69	160	81	190	97	238	162	162
	1	44	1	14	86	153	1	14	153	153								
	2	44	11	81	142	224	15	83	215	215	13	23	20	39	33	77	99	99
	3	44	8	69	122	206	31	84	215	215	42	108	51	133	78	189	139	139
1997	1	40	3	30	102	169	3	30	193	193				1		4	12	12
	2	40	11	86	135	205	50	106	217	217	78	135	84	159	102	205	149	149
	3	40	8	74	115	187	78	129	211	211	85	191	97	207	113	237	161	161
	1	42	2	15	76	143	2	15	166	166								
	2	42	7	63	125	195	15	67	212	212	37	65	54	91	70	144	126	126
	3	42	6	58	108	180	45	92	207	207	71	150	77	173	97	211	149	149
	1	44	1	5	57	124	1	5	126	126								
	2	44	6	48	117	181	6	48	206	206	5	10	8	18	21	49	86	86
	3	44	6	42	98	175	23	59	204	204	45	85	59	123	72	172	129	129
1998	1	40	5	53	129	209	5	53	209	209		1	2	3	5	9	28	28
	2	40	15	115	174	245	57	131	250	250	69	153	85	177	106	239	175	175
	3	40	11	100	141	219	80	134	239	239	91	216	100	244	127	284	188	188
	1	42	2	24	106	192	2	24	188	188							1	1
	2	42	10	94	157	235	29	98	242	242	40	76	45	101	64	153	137	137
	3	42	9	83	129	214	54	106	236	236	70	157	84	192	104	250	172	172
	1	44	1	10	89	155	1	10	162	162								
	2	44	9	81	145	230	16	82	229	229	13	23	20	33	30	70	93	93
	3	44	8	72	122	207	32	83	229	229	41	97	52	131	82	195	148	148
1999	1	40		21	70	148		21	167	167					1	1	20	20
	2	40	4	60	115	197	50	82	210	210	77	108	81	127	96	180	136	136
	3	40	2	58	90	179	71	96	198	198	88	171	96	196	115	254	155	155
	1	42		7	53	125		7	136	136								
	2	42	2	42	104	182	19	50	197	197	40	52	51	70	67	105	111	111
	3	42	2	42	83	170	49	75	188	188	69	105	81	140	97	202	135	135
	1	44		2	40	102		2	107	107								
	2	44	1	33	90	171	7	33	182	181	12	13	19	21	31	44	82	82
	3	44		31	72	159	25	48	185	185	47	67	57	90	79	148	122	122
2000	1	40	4	27	64	132	4	27	168	168				1	1	7	16	16
	2	40	19	56	100	175	50	77	208	208	68	107	81	129	103	176	148	148
	3	40	11	52	80	156	61	92	189	189	90	164	103	186	123	249	170	170
	1	42	3	19	53	111	3	19	136	136								
	2	42	12	46	90	164	20	51	196	196	25	49	37	64	61	101	119	119
	3	42	9	40	72	146	39	66	183	183	53	104	73	135	101	189	150	150
	1	44	1	12	40	86	1	12	110	109								
	2	44	7	36	81	150	9	37	183	183	7	14	8	22	14	40	77	77
	3	44	6	36	66	137	17	44	175	175	27	61	36	77	67	133	134	134
2001	1	40	2	19	71	140	3	19	152	152			1	1	2	4	12	12
	2	40	13	64	112	178	32	75	195	195	47	94	53	117	67	166	114	114
	3	40	6	47	81	149	52	78	187	187	57	139	61	173	79	233	135	135
	1	42		13	60	124		13	122	122							1	1
	2	42	10	53	101	165	13	53	184	184	16	33	29	53	45	96	86	86
	3	42	3	37	73	138	27	53	180	180	43	95	50	122	63	186	113	113
	1	44		6	47	100		6	93	92								
	2	44	6	35	87	155	7	33	171	171	5	10	7	17	12	29	60	60
	3	44	2	31	67	131	10	34	176	176	23	47	31	71	48	125	92	92

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40			23	72			41	80								
	2	40			53	115			117	139								
	3	40			34	84			105	120								
	1	42			8	40			11	41								
	2	42			44	104			98	124								
	3	42			27	76			92	109								
	1	44			3	21			3	21								
	2	44			33	92			72	107								
	3	44			22	74			79	99								
1991	1	40			6	44			33	60								
	2	40			35	90			117	125								
	3	40			23	66			105	110								
	1	42			3	29			8	33								
	2	42			24	83			96	114								
	3	42			17	64			89	98								
	1	44			2	10			1	9								
	2	44			16	69			70	99								
	3	44			12	60			78	91								
1992	1	40			4	41			27	50								
	2	40			21	79			80	93								
	3	40			17	61			67	74								
	1	42			2	20			7	19								
	2	42			19	70			64	79								
	3	42			10	56			56	63								
	1	44				7				7								
	2	44			16	59			51	70								
	3	44			8	52			52	61								
1993	1	40			7	49			32	61								
	2	40		1	29	90		1	99	111								
	3	40			15	62			89	93								
	1	42			1	24			7	28								
	2	42		1	23	87		1	86	104								
	3	42			13	55			83	86								
	1	44			1	8			1	8								
	2	44		1	11	76		1	64	89								
	3	44			9	51			66	76								
1994	1	40			17	64			43	79								
	2	40			38	119			121	145								
	3	40			26	90			108	115								
	1	42			10	35			15	38								
	2	42			35	112			97	131								
	3	42			23	82			98	104								
	1	44				18				18								
	2	44			27	97			78	120								
	3	44			20	75			90	99								
1995	1	40			2	24			17	34								
	2	40			13	69			74	89								
	3	40			12	49			71	77								
	1	42				7			4	9								
	2	42			6	60			52	76								
	3	42			6	43			54	65								
	1	44				3				3								
	2	44			5	51			37	60								
	3	44			4	40			42	56								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40			11	52			36	64								
	2	40		1	32	96		1	106	118								
	3	40		1	25	66		1	95	96								
	1	42			4	25			11	29								
	2	42		1	22	84		1	90	105								
	3	42			15	63			85	91								
	1	44			1	14			1	14								
	2	44		1	15	79		1	71	99								
	3	44			11	61			72	82								
1997	1	40			6	30			23	41								
	2	40		1	16	63		1	72	84								
	3	40			16	38			64	67								
	1	42			3	15			4	15								
	2	42			13	56			56	74								
	3	42			12	37			56	60								
	1	44			2	5			2	5								
	2	44			8	45			41	61								
	3	44			8	33			52	58								
1998	1	40		1	8	52		1	42	66								
	2	40		1	27	94		1	103	118								
	3	40			23	64			98	102								
	1	42			4	24			16	33								
	2	42		1	20	89		1	89	109								
	3	42			14	57			79	88								
	1	44			1	10			1	10								
	2	44		1	14	79		1	68	91								
	3	44			11	54			71	80								
1999	1	40			1	21			21	31								
	2	40			10	43			59	68								
	3	40			8	25			57	61								
	1	42				7			9	12								
	2	42			7	39			50	59								
	3	42			5	24			47	50								
	1	44				2				2								
	2	44			3	32			40	46								
	3	44			2	23			40	44								
2000	1	40			7	27			19	32								
	2	40		1	20	43		1	54	61								
	3	40			16	31			48	50								
	1	42			4	19			5	20								
	2	42			19	40			48	58								
	3	42			13	31			41	46								
	1	44			3	11			3	11								
	2	44			17	35			37	45								
	3	44			11	29			36	41								
2001	1	40			4	19			19	28								
	2	40			15	50			55	65								
	3	40			14	28			39	43								
	1	42			1	13			5	16								
	2	42			12	46			41	54								
	3	42			10	27			31	35								
	1	44				5			1	5								
	2	44			7	30			32	40								
	3	44			7	22			26	29								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1990	1	40			27	104			44	34								
	2	40		3	72	142		3	122	115								
	3	40		4	46	113		4	107	105								
	1	42			14	71			16	7								
	2	42		2	52	129		2	100	95								
	3	42		3	38	107		3	93	91								
	1	44			5	44			5									
	2	44		1	44	120		1	78	66								
	3	44		1	30	97		1	81	78								
1991	1	40			10	83			34	30								
	2	40		1	41	111		1	117	117								
	3	40			38	89			106	105								
	1	42			3	53			8	7								
	2	42		1	35	100		1	96	94								
	3	42			29	79			92	88								
	1	44			2	34			1									
	2	44			23	93			74	67								
	3	44			20	75			81	78								
1992	1	40			11	70			30	27								
	2	40			36	97			82	80								
	3	40			22	76			67	67								
	1	42			3	51			7	7								
	2	42			21	90			65	64								
	3	42			21	72			57	56								
	1	44				21												
	2	44			19	84			51	49								
	3	44			15	71			53	52								
1993	1	40		1	9	87		1	33	31								
	2	40		1	42	110		1	99	99								
	3	40			25	88			89	89								
	1	42			4	58			10	7								
	2	42		1	32	99		1	88	84								
	3	42			19	81			84	83								
	1	44			1	27			1									
	2	44		1	23	92		1	67	63								
	3	44			15	74			68	65								
1994	1	40			21	112			45	36								
	2	40		2	54	145		2	123	121								
	3	40			39	119			108	108								
	1	42			12	71			17	9								
	2	42			39	131			97	96								
	3	42			33	109			98	98								
	1	44			2	35			2									
	2	44			35	122			83	73								
	3	44			24	101			90	90								
1995	1	40			3	60			18	16								
	2	40			21	98			76	74								
	3	40			17	73			71	70								
	1	42			2	32			6	4								
	2	42			13	84			54	52								
	3	42			14	62			57	53								
	1	44				13												
	2	44			6	76			37	35								
	3	44			10	56			44	40								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1996	1	40		1	14	84		1	37	32								
	2	40		1	48	115		1	107	103								
	3	40		1	38	87		1	96	94								
	1	42			6	65			13	7								
	2	42		1	33	106		1	92	88								
	3	42		1	30	81		1	88	85								
	1	44			2	32			2									
	2	44		1	22	99		1	75	70								
	3	44		1	24	74		1	74	72								
1997	1	40			6	56			23	20								
	2	40		2	27	90		2	73	72								
	3	40			20	63			64	64								
	1	42			4	34			5	1								
	2	42		2	17	77		2	57	55								
	3	42			18	55			56	56								
	1	44			2	16			2									
	2	44		1	13	67		1	43	41								
	3	44			13	50			52	50								
1998	1	40		1	10	89		1	42	40								
	2	40		2	46	120		2	105	103								
	3	40		1	33	89		1	98	97								
	1	42		1	6	64		1	17	13								
	2	42		1	28	110		1	89	89								
	3	42			27	82			82	79								
	1	44			3	27			3									
	2	44		1	20	98		1	68	67								
	3	44			17	75			72	71								
1999	1	40			2	39			21	21								
	2	40			19	63			62	58								
	3	40			14	50			59	57								
	1	42				24			9	9								
	2	42			10	54			50	49								
	3	42			10	42			47	47								
	1	44				10												
	2	44			7	51			40	39								
	3	44			6	35			40	40								
2000	1	40			11	40			23	19								
	2	40		3	23	58		3	55	54								
	3	40		1	20	43		1	48	47								
	1	42			4	30			5	1								
	2	42		3	21	56		3	48	47								
	3	42		1	19	38		1	43	41								
	1	44			3	20			3									
	2	44		1	19	49		1	38	33								
	3	44			14	37			36	35								
2001	1	40			5	46			19	17								
	2	40		1	19	65		1	55	55								
	3	40			16	39			39	39								
	1	42			3	24			7	4								
	2	42			15	59			43	41								
	3	42			14	34			31	31								
	1	44			1	14			2	1								
	2	44			12	53			33	31								
	3	44			13	32			26	26								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40		3	76	131		3	145	159								
	2	40	1	18	118	176	1	18	192	201								
	3	40		11	82	147		11	188	191								
	1	42		1	45	105		1	102	128								
	2	42		13	112	162		13	180	189								
	3	42		9	77	138		9	178	187								
	1	44			27	73			53	84								
	2	44		7	94	147		7	168	177								
	3	44		7	74	128		7	171	177								
1991	1	40		1	44	98		1	139	146								
	2	40		5	94	142		5	174	182								
	3	40		1	68	114		1	168	171								
	1	42			24	83			101	119								
	2	42		2	88	130		2	167	172								
	3	42			65	105			160	162								
	1	44			7	50			42	70								
	2	44		2	67	114		2	160	163								
	3	44			62	102			154	155								
1992	1	40			37	88			94	107								
	2	40		2	79	116		2	150	157								
	3	40		2	60	91		2	141	144								
	1	42			19	70			66	81								
	2	42		2	69	108		2	140	147								
	3	42		1	56	86		1	132	137								
	1	44			6	50			37	61								
	2	44		1	58	98		1	124	130								
	3	44		1	50	81		1	126	130								
1993	1	40		1	44	96		1	122	128								
	2	40	1	5	94	136	1	5	168	174							1	1
	3	40		4	61	111		4	152	155							1	1
	1	42		1	24	87		1	89	107								
	2	42	1	4	89	126	1	4	160	165								
	3	42		4	58	105		4	145	148								
	1	44		1	7	56		1	40	69								
	2	44	1	1	73	111	1	1	147	153								
	3	44		2	54	100		2	143	144								
1994	1	40		2	55	127		2	140	154								
	2	40		11	116	173		11	185	199								
	3	40		4	91	142		4	176	182								
	1	42			35	112			101	134								
	2	42		10	111	159		10	175	185								
	3	42		3	80	135		3	169	172								
	1	44			19	68			53	87								
	2	44		8	88	150		8	160	172								
	3	44		2	74	130		2	163	168								
1995	1	40			21	80			95	104								
	2	40		2	66	113		2	154	160								
	3	40		2	46	91		2	137	141								
	1	42			6	60			56	79								
	2	42		2	58	111		2	142	150								
	3	42		1	41	84		1	125	128								
	1	44			2	31			23	45								
	2	44			43	101			122	131								
	3	44			36	81			119	121								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40		1	48	105		1	127	139								
	2	40	1	10	92	138	1	10	176	180								
	3	40	1	5	65	114	1	5	162	166							1	1
	1	42		1	22	84		1	90	105								
	2	42	1	6	83	127	1	6	163	171								
	3	42	1	2	63	106	1	2	152	158								
	1	44		1	14	62		1	53	82								
	2	44	1	4	74	117	1	4	149	158								
	3	44	1	2	59	97	1	2	148	154								
1997	1	40		2	27	74		2	88	101								
	2	40	2	5	62	114	2	5	157	162								
	3	40		5	38	90		5	152	153								
	1	42		1	13	56		1	60	77								
	2	42	1	4	55	107	1	4	139	151								
	3	42		3	35	82		3	133	139								
	1	44			6	33			27	46								
	2	44		3	41	93		3	119	131								
	3	44		3	30	77		3	120	127								
1998	1	40	1	1	46	105	1	1	134	145								
	2	40	1	8	91	144	1	8	179	184								
	3	40		6	64	111		6	171	173								
	1	42		1	20	89		1	93	113								
	2	42	1	6	88	136	1	6	168	176								
	3	42		5	58	102		5	160	161								
	1	44		1	10	62		1	50	75								
	2	44	1	4	72	122	1	4	155	162								
	3	44		5	50	97		5	151	152								
1999	1	40			19	53			81	88								
	2	40		1	41	90		1	128	136								
	3	40			26	68			120	122							2	2
	1	42			7	39			53	62								
	2	42			39	80			115	123								
	3	42			25	62			110	114								
	1	44			2	24			29	39								
	2	44			26	64			107	111								
	3	44			23	54			101	104								
2000	1	40		3	23	52		3	74	82								
	2	40	2	6	42	79	2	6	132	136								
	3	40		4	31	60		4	120	123								
	1	42		1	19	40		1	50	60								
	2	42	1	4	39	70	1	4	116	121								
	3	42		4	31	55		4	105	109								
	1	44			7	30			21	35								
	2	44		4	32	58		4	94	99								
	3	44		2	29	49		2	95	98								
2001	1	40			20	59			71	82								
	2	40		3	50	85		3	113	120							1	1
	3	40		1	28	58		1	98	101								
	1	42			12	46			42	55								
	2	42		3	42	73		3	103	108								
	3	42			25	49			92	94								
	1	44			5	22			25	31								
	2	44		1	31	67		1	88	97								
	3	44			20	46			84	86								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40		13	80	161		13	146	145								
	2	40	3	37	130	196	3	37	193	192								
	3	40	3	24	97	186	3	24	188	188								
	1	42		5	53	132		5	104	99								
	2	42	1	25	117	190	1	25	180	180								
	3	42	2	20	88	174	2	20	178	178								
	1	44		1	31	110		1	55	45								
	2	44		21	111	181		21	168	168								
	3	44		19	78	164		19	171	171								
1991	1	40		2	55	127		2	139	139								
	2	40	1	22	102	178	1	22	174	174								
	3	40		13	75	154		13	168	168								
	1	42		1	35	103		1	101	99								
	2	42		15	93	163		15	167	167								
	3	42		6	70	144		6	160	160								
	1	44			16	87			47	39								
	2	44		6	85	149		6	160	160								
	3	44		4	68	132		4	154	154								
1992	1	40		2	52	108		2	97	94								
	2	40		17	85	142		17	150	150								
	3	40		7	69	127		7	141	141								
	1	42			21	92			67	66								
	2	42		15	79	131		15	141	140								
	3	42		6	65	122		6	132	132								
	1	44			16	77			41	36								
	2	44		5	69	119		5	124	123								
	3	44		5	59	105		5	126	126								
1993	1	40	1	4	60	126	1	4	122	122								
	2	40	1	22	97	157	1	22	168	168							1	1
	3	40		12	76	131		12	152	152							1	1
	1	42		1	33	103		1	91	87								
	2	42	1	11	93	151	1	11	160	160								
	3	42		9	67	127		9	145	145								
	1	44		1	11	90		1	41	40								
	2	44	1	7	89	141	1	7	147	147								
	3	44		9	57	120		9	143	143								
1994	1	40		10	72	159		10	141	140								
	2	40	1	31	127	197	1	31	185	185								
	3	40		20	98	175		20	176	176								
	1	42		2	39	135		2	101	100								
	2	42		24	120	184		24	175	175								
	3	42		18	93	163		18	169	169								
	1	44			27	114			58	47								
	2	44		16	110	177		16	161	159								
	3	44		10	84	158		10	163	163								
1995	1	40		2	32	111		2	95	94								
	2	40		6	77	141		6	154	154								
	3	40		4	54	114		4	137	137								
	1	42			13	86			58	56								
	2	42		5	68	134		5	142	142								
	3	42		4	51	111		4	125	125								
	1	44			5	66			25	22								
	2	44		2	58	122		2	122	122								
	3	44		3	44	100		3	119	119								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40	1	6	65	127	1	6	127	127								
	2	40	1	22	101	170	1	22	176	176								
	3	40	1	14	73	146	1	14	162	162							1	1
	1	42		2	33	107		2	92	88								
	2	42	1	16	92	164	1	16	163	163								
	3	42	1	10	69	137	1	10	152	152								
	1	44		1	15	92		1	53	51								
	2	44	1	14	83	147	1	14	149	149								
	3	44	1	8	64	126	1	8	148	148								
1997	1	40		4	34	106		4	88	87								
	2	40	2	13	70	139	2	13	157	157								
	3	40		9	45	119		9	152	152								
	1	42		2	17	78		2	61	59								
	2	42	2	8	63	129	2	8	139	139								
	3	42		7	39	114		7	133	133								
	1	44		2	8	61		2	27	26								
	2	44	1	5	54	122	1	5	119	119								
	3	44		5	38	104		5	120	120								
1998	1	40	1	6	64	136	1	6	136	132								
	2	40	1	19	99	179	1	19	179	179								
	3	40		13	72	159		13	171	171								
	1	42	1	3	28	114	1	3	93	93								
	2	42	1	14	94	163	1	14	168	168								
	3	42		10	68	138		10	160	160								
	1	44		1	14	91		1	51	49								
	2	44	1	10	88	149	1	10	155	155								
	3	44		9	59	124		9	151	151								
1999	1	40			24	80			82	79								
	2	40		7	51	119		7	128	128								
	3	40		2	31	99		2	120	120							2	2
	1	42			10	55			53	52								
	2	42		3	43	110		3	115	115								
	3	42		2	29	89		2	110	110								
	1	44			3	41			30	29								
	2	44		2	39	98		2	107	107								
	3	44			25	77			101	101								
2000	1	40		4	30	70		4	74	74								
	2	40	3	19	50	104	3	19	132	132								
	3	40	1	11	36	83	1	11	120	120								
	1	42		3	21	57		3	50	49								
	2	42	2	17	42	94	2	17	116	116								
	3	42		10	33	74		10	105	105								
	1	44		2	17	42		2	28	21								
	2	44	1	9	39	85	1	9	95	94								
	3	44		7	31	69		7	95	95								
2001	1	40		3	26	73		3	72	71								
	2	40		12	58	115		12	113	113							1	1
	3	40		9	32	85		9	98	98								
	1	42		1	15	59		1	44	42								
	2	42		7	50	105		7	103	103								
	3	42		6	30	77		6	92	92								
	1	44			7	48			25	23								
	2	44		5	42	95		5	89	88								
	3	44		3	28	69		3	84	84								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40			17	56			21	57								
	2	40		1	41	105		1	93	124								
	3	40			22	76			88	108								
	1	42			4	27			4	27								
	2	42			32	89			71	107								
	3	42			20	72			69	92								
	1	44			1	16			1	16								
	2	44			27	73			53	84								
	3	44			19	68			56	81								
1991	1	40			3	36			19	48								
	2	40			22	83			94	115								
	3	40			13	62			83	97								
	1	42			2	16			2	16								
	2	42			16	67			70	98								
	3	42			5	56			69	88								
	1	44				3				3								
	2	44			7	50			38	67								
	3	44			4	52			50	76								
1992	1	40			4	25			11	27								
	2	40			17	67			61	78								
	3	40			8	53			55	63								
	1	42				16			1	16								
	2	42			16	59			51	70								
	3	42			6	45			48	58								
	1	44				2				2								
	2	44			5	45			35	56								
	3	44			6	40			40	52								
1993	1	40			4	33			17	39								
	2	40		1	22	86		1	80	102								
	3	40			10	53			80	85								
	1	42			1	12			2	12								
	2	42		1	10	76		1	64	91								
	3	42			9	50			59	72								
	1	44			1	5			1	5								
	2	44		1	7	54		1	39	67								
	3	44			9	44			47	62								
1994	1	40			12	46			26	55								
	2	40			34	110			96	131								
	3	40			20	78			95	102								
	1	42			3	26			4	26								
	2	42			27	92			78	117								
	3	42			17	70			82	97								
	1	44				11				11								
	2	44			19	67			50	85								
	3	44			10	63			65	90								
1995	1	40			2	17			11	23								
	2	40			6	59			49	74								
	3	40			4	40			49	63								
	1	42				6				6								
	2	42			4	47			38	61								
	3	42			4	34			35	50								
	1	44				2				2								
	2	44			2	30			22	44								
	3	44			3	33			25	46								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40			6	37			19	45								
	2	40		1	20	83		1	86	103								
	3	40		1	11	63		1	81	89								
	1	42			2	17			2	17								
	2	42		1	15	78		1	72	99								
	3	42		1	10	58		1	68	81								
	1	44			1	8			1	8								
	2	44		1	14	58		1	49	77								
	3	44			8	54			61	78								
1997	1	40			4	20			10	22								
	2	40		1	11	54		1	54	72								
	3	40			9	35			54	60								
	1	42			2	9			2	9								
	2	42			7	44			40	61								
	3	42			7	29			47	56								
	1	44			1	5			1	5								
	2	44			6	33			27	46								
	3	44			6	26			27	41								
1998	1	40		1	6	28		1	24	41								
	2	40		1	17	88		1	86	108								
	3	40			11	55			75	85								
	1	42			2	14			5	17								
	2	42		1	13	78		1	70	94								
	3	42			10	47			64	74								
	1	44			1	7			1	7								
	2	44		1	10	58		1	49	71								
	3	44			9	44			48	61								
1999	1	40				14			12	18								
	2	40			4	39			51	60								
	3	40			2	24			47	50								
	1	42				3			2	4								
	2	42			2	30			42	49								
	3	42			2	22			38	41								
	1	44				1				1								
	2	44			2	22			27	37								
	3	44				21			32	36								
2000	1	40			4	21			11	25								
	2	40		1	19	40		1	46	57								
	3	40			11	31			39	45								
	1	42			3	18			3	18								
	2	42			14	34			36	45								
	3	42			10	28			35	40								
	1	44			1	6			1	6								
	2	44			7	29			21	34								
	3	44			7	24			27	35								
2001	1	40			3	17			11	22								
	2	40			11	43			39	53								
	3	40			8	24			29	33								
	1	42			1	8			3	9								
	2	42			7	30			32	40								
	3	42			4	20			25	28								
	1	44				3				3								
	2	44			5	21			25	31								
	3	44			2	18			22	25								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1990	1	40			22	88			26	16								
	2	40		3	52	129		3	96	90								
	3	40		4	32	106		4	90	87								
	1	42			7	63			7									
	2	42		2	41	120		2	75	65								
	3	42		4	27	94		4	73	67								
	1	44			2	33			2									
	2	44		1	30	108		1	54	45								
	3	44		2	22	86		2	60	50								
1991	1	40			5	67			21	19								
	2	40		1	35	100		1	94	91								
	3	40			22	78			86	82								
	1	42			3	40			3	1								
	2	42		1	23	93		1	74	67								
	3	42			17	71			72	68								
	1	44			1	20			1									
	2	44			16	86			43	35								
	3	44			7	66			53	48								
1992	1	40			4	59			11	11								
	2	40			21	90			62	60								
	3	40			16	71			56	55								
	1	42			1	32			2	1								
	2	42			18	84			51	49								
	3	42			10	69			49	48								
	1	44				16												
	2	44			16	77			40	35								
	3	44			8	63			40	39								
1993	1	40		1	5	76		1	18	14								
	2	40		1	27	98		1	81	78								
	3	40			15	80			80	79								
	1	42			1	40			2	2								
	2	42		1	22	92		1	68	63								
	3	42			13	72			61	59								
	1	44			1	22			1									
	2	44		1	10	90		1	40	39								
	3	44			9	62			48	47								
1994	1	40			13	92			27	18								
	2	40		2	38	131		2	97	94								
	3	40		1	26	107		1	95	95								
	1	42			9	49			9	2								
	2	42			34	122			82	72								
	3	42			23	98			83	81								
	1	44				31												
	2	44			27	114			55	43								
	3	44			18	92			67	61								
1995	1	40			2	47			11	10								
	2	40			13	83			51	48								
	3	40			11	61			51	47								
	1	42				19												
	2	42			6	76			39	37								
	3	42			6	54			38	34								
	1	44				6												
	2	44			4	66			23	21								
	3	44			4	51			27	25								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1996	1	40		1	10	78		1	21	15								
	2	40		2	32	106		2	89	85								
	3	40		1	25	80		1	83	81								
	1	42			4	46			4									
	2	42		1	22	99		1	76	71								
	3	42		1	15	73		1	69	67								
	1	44			1	20			1									
	2	44		1	15	91		1	49	45								
	3	44		1	10	69		1	62	59								
1997	1	40			5	44			11	6								
	2	40		2	16	77		2	56	54								
	3	40			14	54			54	54								
	1	42			3	22			3									
	2	42		2	12	67		2	42	40								
	3	42			12	46			48	46								
	1	44			2	11			2									
	2	44		1	7	59		1	27	25								
	3	44			8	39			29	26								
1998	1	40		1	8	78		1	25	20								
	2	40		2	27	109		2	86	86								
	3	40		3	20	82		3	77	75								
	1	42		1	4	40		1	7	4								
	2	42		1	19	98		1	71	69								
	3	42			14	72			64	64								
	1	44			1	17			1									
	2	44		1	13	91		1	50	48								
	3	44			11	68			48	47								
1999	1	40			1	30			12	12								
	2	40			10	54			51	50								
	3	40			7	40			47	47								
	1	42				18			2	2								
	2	42			7	51			43	42								
	3	42			5	31			38	38								
	1	44				4												
	2	44			2	41			27	27								
	3	44			2	28			32	32								
2000	1	40			6	34			11	8								
	2	40		3	20	55		3	46	43								
	3	40		1	14	37		1	39	38								
	1	42			4	22			4									
	2	42		3	19	49		3	38	32								
	3	42		1	13	36		1	35	33								
	1	44			3	19			3									
	2	44		1	14	41		1	26	21								
	3	44			11	33			28	26								
2001	1	40			3	30			11	8								
	2	40		1	14	59		1	40	39								
	3	40			14	33			30	29								
	1	42			1	18			3	2								
	2	42			12	53			33	31								
	3	42			10	31			25	25								
	1	44				11												
	2	44			7	46			25	23								
	3	44			6	29			22	21								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40			30	84			61	97								
	2	40		3	76	130		3	145	158								
	3	40		4	46	98		4	137	141								
	1	42			17	57			22	59								
	2	42		1	57	120		1	124	146								
	3	42		2	39	92		2	121	134								
	1	44			5	28			6	29								
	2	44		1	45	105		1	102	128								
	3	44			32	84			102	120								
1991	1	40			11	61			56	83								
	2	40		1	44	97		1	139	145								
	3	40			38	77			130	133								
	1	42			3	36			21	50								
	2	42			37	90			122	129								
	3	42			26	71			121	126								
	1	44			2	19			4	20								
	2	44			24	83			101	119								
	3	44			20	66			104	112								
1992	1	40			12	56			44	65								
	2	40			35	88			92	105								
	3	40			22	72			90	96								
	1	42			4	26			12	29								
	2	42			21	81			85	98								
	3	42			19	67			80	86								
	1	44				16			1	16								
	2	44			19	70			66	81								
	3	44			15	61			67	74								
1993	1	40		1	10	67		1	49	79								
	2	40		1	44	95		1	122	127								
	3	40			25	77			108	113								
	1	42			4	33			21	43								
	2	42		1	36	92		1	103	115								
	3	42			19	69			101	106								
	1	44			1	14			2	14								
	2	44		1	23	87		1	87	105								
	3	44			15	61			88	91								
1994	1	40			24	86			68	109								
	2	40		1	54	126		1	139	153								
	3	40			39	101			134	139								
	1	42			12	47			30	57								
	2	42			40	121			126	148								
	3	42			30	93			118	126								
	1	44			3	27			4	27								
	2	44			35	112			100	133								
	3	44			24	90			105	114								
1995	1	40			3	43			33	57								
	2	40			20	80			93	103								
	3	40			17	56			82	85								
	1	42			2	18			11	24								
	2	42			13	72			79	94								
	3	42			13	52			77	82								
	1	44				6			1	7								
	2	44			6	60			55	78								
	3	44			10	48			66	77								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40		1	15	72		1	64	96								
	2	40		1	46	103		1	127	137								
	3	40		1	38	74		1	111	115								
	1	42			6	38			24	49								
	2	42		1	33	97		1	112	123								
	3	42		1	27	72		1	102	106								
	1	44			2	17			2	17								
	2	44		1	22	84		1	90	105								
	3	44		1	25	65		1	95	97								
1997	1	40			6	41			34	56								
	2	40		2	25	73		2	87	100								
	3	40			20	50			89	92								
	1	42			4	20			11	23								
	2	42		2	17	63		2	78	89								
	3	42			18	41			77	78								
	1	44			2	9			2	9								
	2	44		1	13	56		1	60	77								
	3	44			13	38			66	69								
1998	1	40		1	10	71		1	56	84								
	2	40	1	1	42	104	1	1	134	144								
	3	40			33	75			122	124								
	1	42		1	6	30		1	28	45								
	2	42	1	1	28	95	1	1	108	123								
	3	42			25	69			110	116								
	1	44			3	14			9	19								
	2	44		1	20	89		1	92	112								
	3	44			18	64			96	103								
1999	1	40			2	26			35	42								
	2	40			19	51			80	87								
	3	40			14	34			67	70								
	1	42				14			14	20								
	2	42			10	45			66	75								
	3	42			10	30			61	66								
	1	44				4			2	5								
	2	44			7	39			53	62								
	3	44			7	25			59	63								
2000	1	40			12	32			29	40								
	2	40		3	23	52		3	72	80								
	3	40		1	20	37		1	60	62								
	1	42			4	21			12	26								
	2	42		3	21	46		3	60	68								
	3	42			18	36			55	58								
	1	44			3	18			3	18								
	2	44		1	19	40		1	49	59								
	3	44			14	31			45	50								
2001	1	40			6	29			26	36								
	2	40			20	58			70	81								
	3	40			16	32			56	62								
	1	42			3	17			11	22								
	2	42			17	53			60	71								
	3	42			14	29			48	52								
	1	44			1	8			3	9								
	2	44			12	46			42	55								
	3	44			13	27			40	44								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40		1	38	116		1	65	54								
	2	40		13	82	160		13	146	145								
	3	40		8	65	134		8	137	137								
	1	42			22	94			27	18								
	2	42		7	75	149		7	127	121								
	3	42		6	53	123		6	122	121								
	1	44			7	65			8	1								
	2	44		4	53	131		4	104	99								
	3	44		5	41	111		5	105	102								
1991	1	40			20	90			60	54								
	2	40		2	55	126		2	139	139								
	3	40			51	104			130	130								
	1	42			6	71			24	21								
	2	42		2	43	113		2	122	122								
	3	42			39	95			123	121								
	1	44			3	40			5	3								
	2	44		1	35	102		1	101	99								
	3	44			31	88			106	104								
1992	1	40			17	81			45	41								
	2	40		2	55	106		2	95	92								
	3	40		1	31	84		1	91	90								
	1	42			4	59			12	12								
	2	42		1	36	100		1	86	85								
	3	42		1	29	79		1	82	79								
	1	44			1	34			2	1								
	2	44			21	91			67	66								
	3	44			21	76			67	67								
1993	1	40		1	16	90		1	50	48								
	2	40	1	4	61	124	1	4	122	122								
	3	40		4	40	102		4	108	108								
	1	42		1	7	78		1	24	18								
	2	42		1	44	113		1	103	103								
	3	42		1	33	97		1	101	101								
	1	44			1	41			2	2								
	2	44		1	32	103		1	89	85								
	3	44		1	21	85		1	88	88								
1994	1	40			29	120			71	60								
	2	40		10	75	159		10	140	139								
	3	40		2	59	133		2	134	133								
	1	42			16	99			33	22								
	2	42		8	55	150		8	128	126								
	3	42		2	51	126		2	119	118								
	1	44			9	51			9	2								
	2	44		2	39	135		2	100	99								
	3	44		2	35	118		2	105	105								
1995	1	40			6	72			34	32								
	2	40		2	35	111		2	94	93								
	3	40		1	30	84		1	83	82								
	1	42			2	55			11	10								
	2	42			21	104			81	79								
	3	42			21	77			78	77								
	1	44				20			1	1								
	2	44			13	86			57	55								
	3	44			16	68			68	65								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40		1	19	97		1	66	62								
	2	40	1	6	65	125	1	6	127	127								
	3	40		2	51	104		2	111	111								
	1	42		1	11	79		1	27	21								
	2	42		4	48	118		4	113	109								
	3	42		2	41	94		2	103	102								
	1	44			4	46			4									
	2	44		2	33	107		2	92	88								
	3	44		2	33	85		2	97	94								
1997	1	40		2	10	63		2	35	33								
	2	40		4	36	105		4	88	87								
	3	40		3	23	79		3	89	89								
	1	42			5	47			12	7								
	2	42		3	27	94		3	79	78								
	3	42		3	21	67		3	77	77								
	1	44			3	25			3									
	2	44		2	17	78		2	61	59								
	3	44		2	19	61		2	66	66								
1998	1	40		1	15	95		1	58	56								
	2	40	1	5	68	136	1	5	137	132								
	3	40		5	43	102		5	123	121								
	1	42		1	8	80		1	28	25								
	2	42	1	4	46	123	1	4	110	108								
	3	42		4	38	91		4	111	109								
	1	44		1	4	42		1	10	7								
	2	44	1	2	28	114	1	2	92	92								
	3	44		3	29	86		3	98	96								
1999	1	40			4	45			36	35								
	2	40			25	79			81	78								
	3	40			20	59			67	67								
	1	42			1	33			14	14								
	2	42			19	65			69	65								
	3	42			15	53			63	61								
	1	44				19			2	2								
	2	44			10	54			53	52								
	3	44			12	47			59	59								
2000	1	40		3	19	46		3	32	26								
	2	40		4	30	70		4	72	72								
	3	40		3	22	53		3	60	60								
	1	42			7	35			12	9								
	2	42		4	23	62		4	61	60								
	3	42		2	20	48		2	55	55								
	1	44			4	23			4									
	2	44		3	21	57		3	49	48								
	3	44		1	19	43		1	47	45								
2001	1	40			10	52			28	25								
	2	40		3	28	73		3	71	70								
	3	40			17	47			56	56								
	1	42			4	32			12	9								
	2	42		1	20	67		1	60	60								
	3	42			17	42			48	48								
	1	44			1	18			3	2								
	2	44		1	15	59		1	44	42								
	3	44			16	36			40	40								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(9)

City	Port Hedland	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			30	87			65	100								
	2	40		3	76	131		3	145	159								
	3	40		4	50	99		4	138	141								
	1	42			17	58			23	60								
	2	42		1	58	120		1	128	147								
	3	42		3	39	93		3	123	134								
	1	44			5	30			6	31								
	2	44		1	45	107		1	102	129								
	3	44		1	32	84		1	108	124								
1991	1	40			14	62			62	89								
	2	40		1	45	98		1	143	150								
	3	40			38	78			130	133								
	1	42			4	36			24	51								
	2	42		1	37	92		1	124	131								
	3	42			29	71			125	128								
	1	44			2	20			4	21								
	2	44			25	84			102	121								
	3	44			22	66			109	115								
1992	1	40			12	56			45	65								
	2	40			37	88			96	109								
	3	40			24	72			92	98								
	1	42			4	26			14	30								
	2	42			21	82			86	99								
	3	42			21	67			82	88								
	1	44				16			1	16								
	2	44			19	72			67	83								
	3	44			16	62			68	75								
1993	1	40		1	10	70		1	52	83								
	2	40		1	44	96		1	123	129								
	3	40			29	78			108	113								
	1	42			4	33			22	43								
	2	42		1	36	92		1	105	115								
	3	42			19	72			103	107								
	1	44			1	16			2	16								
	2	44		1	25	88		1	90	107								
	3	44			15	63			92	96								
1994	1	40			26	87			71	109								
	2	40		2	55	127		2	142	156								
	3	40			42	101			135	140								
	1	42			12	49			32	60								
	2	42			41	121			128	149								
	3	42			33	94			121	129								
	1	44			3	27			5	27								
	2	44			35	113			105	135								
	3	44			26	90			108	116								
1995	1	40			3	43			33	57								
	2	40			21	80			98	106								
	3	40			18	57			83	87								
	1	42			2	18			12	24								
	2	42			14	75			84	98								
	3	42			14	54			77	82								
	1	44				6			1	7								
	2	44			7	61			57	80								
	3	44			11	50			68	77								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(9)

City	Port Hedland	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40		1	15	74		1	67	96								
	2	40		1	48	105		1	128	140								
	3	40		1	38	77		1	111	116								
	1	42			6	39			25	51								
	2	42		1	35	97		1	115	126								
	3	42		1	30	73		1	105	110								
	1	44			2	19			3	20								
	2	44		1	22	86		1	91	107								
	3	44		1	25	67		1	96	97								
1997	1	40			6	41			35	56								
	2	40		2	27	74		2	91	103								
	3	40			20	50			91	94								
	1	42			4	20			12	24								
	2	42		2	19	63		2	79	90								
	3	42			18	42			79	80								
	1	44			3	10			3	10								
	2	44		1	13	56		1	63	79								
	3	44			14	38			67	70								
1998	1	40		1	12	72		1	58	85								
	2	40	1	2	46	105	1	2	135	145								
	3	40			33	76			123	125								
	1	42		1	6	32		1	30	47								
	2	42	1	1	28	95	1	1	114	127								
	3	42			27	70			112	118								
	1	44			3	15			9	20								
	2	44		1	20	89		1	95	113								
	3	44			20	64			100	106								
1999	1	40			2	26			36	43								
	2	40			19	53			81	88								
	3	40			14	36			71	75								
	1	42				15			15	22								
	2	42			11	46			67	77								
	3	42			10	30			63	67								
	1	44				4			3	5								
	2	44			7	40			53	62								
	3	44			7	26			59	63								
2000	1	40			12	32			33	42								
	2	40		3	23	52		3	74	82								
	3	40		1	20	37		1	62	64								
	1	42			4	21			14	28								
	2	42		3	21	47		3	62	71								
	3	42			19	36			55	58								
	1	44			4	19			4	19								
	2	44		1	19	40		1	50	60								
	3	44			14	31			46	51								
2001	1	40			7	30			28	37								
	2	40			20	59			72	82								
	3	40			17	33			60	65								
	1	42			3	18			11	22								
	2	42			18	53			62	73								
	3	42			14	29			49	53								
	1	44			1	10			3	11								
	2	44			12	46			44	56								
	3	44			14	28			43	47								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(9a)

City	Port Hedland	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40		1	38	116		1	69	59								
	2	40		13	86	163		13	148	145								
	3	40		8	67	137		8	138	138								
	1	42			23	97			29	19								
	2	42		7	75	151		7	130	126								
	3	42		7	55	125		7	126	123								
	1	44			7	65			8	1								
	2	44		5	54	133		5	105	100								
	3	44		6	43	114		6	111	108								
1991	1	40		1	21	92		1	66	59								
	2	40		2	60	127		2	143	143								
	3	40			52	104			130	130								
	1	42			6	71			26	23								
	2	42		2	44	116		2	124	124								
	3	42			42	97			126	124								
	1	44			3	40			5	3								
	2	44		1	35	104		1	102	100								
	3	44			34	89			110	109								
1992	1	40			17	82			46	42								
	2	40		2	56	108		2	99	96								
	3	40		1	33	86		1	93	92								
	1	42			4	63			14	14								
	2	42		1	36	101		1	87	86								
	3	42		1	29	80		1	84	81								
	1	44			1	36			2	1								
	2	44			21	92			68	67								
	3	44		1	22	77		1	68	68								
1993	1	40		1	18	90		1	54	51								
	2	40	1	4	64	127	1	4	123	123								
	3	40		4	43	104		4	108	108								
	1	42		1	7	81		1	25	19								
	2	42		2	46	113		2	105	105								
	3	42		2	33	99		2	103	103								
	1	44			2	41			3	2								
	2	44		1	33	106		1	91	89								
	3	44		1	24	87		1	92	92								
1994	1	40			29	120			73	64								
	2	40		10	78	159		10	144	142								
	3	40		3	60	135		3	135	134								
	1	42			16	100			35	25								
	2	42		8	59	152		8	130	128								
	3	42		2	53	127		2	122	121								
	1	44			9	52			9	3								
	2	44		2	40	135		2	105	105								
	3	44		2	36	119		2	108	108								
1995	1	40			6	75			34	32								
	2	40		2	38	111		2	98	98								
	3	40		1	31	84		1	84	83								
	1	42			2	56			12	11								
	2	42		1	22	105		1	85	84								
	3	42			23	78			78	77								
	1	44			1	21			2	1								
	2	44			14	87			59	57								
	3	44			17	73			69	67								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(9a)

City	Port Hedland	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40		1	20	97		1	69	65								
	2	40	1	6	67	129	1	6	128	128								
	3	40		2	52	106		2	111	111								
	1	42		1	11	81		1	28	22								
	2	42		4	50	119		4	116	113								
	3	42		2	45	96		2	106	105								
	1	44			4	48			5	1								
	2	44		2	35	108		2	93	89								
	3	44		2	36	87		2	97	94								
1997	1	40		2	10	63		2	36	34								
	2	40		4	39	107		4	91	90								
	3	40		3	24	81		3	91	91								
	1	42		1	5	50		1	13	9								
	2	42		3	28	97		3	80	79								
	3	42		3	21	73		3	79	79								
	1	44			3	27			3									
	2	44		3	19	80		3	64	62								
	3	44		2	20	63		2	67	67								
1998	1	40		1	15	95		1	60	58								
	2	40	1	6	69	136	1	6	138	134								
	3	40		5	43	102		5	124	123								
	1	42		1	9	82		1	30	27								
	2	42	1	4	49	124	1	4	117	114								
	3	42		4	39	93		4	113	111								
	1	44		1	4	46		1	10	7								
	2	44	1	4	28	116	1	4	95	95								
	3	44		4	30	89		4	102	99								
1999	1	40			4	46			37	36								
	2	40			25	83			82	79								
	3	40			21	62			71	71								
	1	42			1	33			15	15								
	2	42			19	66			70	67								
	3	42			15	54			64	63								
	1	44				19			3	3								
	2	44			11	56			53	52								
	3	44			13	50			60	59								
2000	1	40		3	19	47		3	36	30								
	2	40		4	31	70		4	74	74								
	3	40		4	22	55		4	62	62								
	1	42			7	36			14	13								
	2	42		4	23	62		4	63	62								
	3	42		2	20	49		2	55	55								
	1	44			4	23			4									
	2	44		4	21	57		4	50	49								
	3	44		1	20	43		1	48	46								
2001	1	40			11	52			29	27								
	2	40		3	29	73		3	73	72								
	3	40			17	48			60	60								
	1	42			4	33			12	10								
	2	42		1	21	67		1	62	62								
	3	42			17	44			49	49								
	1	44			1	18			3	2								
	2	44		1	16	59		1	45	44								
	3	44			16	39			43	43								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(10)

City	Port Hedland	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		13	112	164		13	180	189								
	2	40	6	37	146	196	6	37	213	217	1	1	1	1	2	2	24	24
	3	40	5	24	114	186	6	25	208	210	1	1	2	2	5	5	45	45
	1	42		5	81	135		5	159	168								
	2	42	3	25	135	193	3	25	207	213							9	9
	3	42	4	20	108	174	4	20	201	206			1	1	1	1	16	16
	1	44		1	49	113		1	112	138								
	2	44	2	21	125	183	2	21	200	208								
	3	44	4	19	100	168	4	19	199	204					1	1	7	7
1991	1	40		2	88	130		2	167	172								
	2	40	5	26	116	179	1	22	193	200					3	3	38	38
	3	40	1	14	90	154		13	190	194	3	3	8	8	13	13	67	67
	1	42		1	52	103		1	153	154								
	2	42	1	15	105	163	1	15	189	196							9	9
	3	42		6	83	144		6	183	187					5	5	40	40
	1	44			34	87			112	125								
	2	44	1	6	100	150	1	6	179	186							1	1
	3	44		4	79	134		4	178	182							14	14
1992	1	40		2	69	108		2	140	147								
	2	40		17	98	144		17	176	179					1	1	15	15
	3	40		8	79	129		7	176	178					1	1	25	25
	1	42			46	92			107	116								
	2	42		15	89	132		15	166	172							6	6
	3	42		6	73	123		6	166	170							9	9
	1	44			20	77			76	92								
	2	44		5	83	119		5	157	163							1	1
	3	44		5	72	106		5	156	159							4	4
1993	1	40	1	4	89	127	1	4	160	166								
	2	40	1	22	113	157	1	22	183	183	1	1	1	1	1	1	23	23
	3	40	1	12	87	131	1	13	168	169	1	1	2	2	4	4	52	52
	1	42	1	1	56	104	1	1	133	137								
	2	42	1	11	102	151	1	11	174	177							4	4
	3	42		9	82	127		10	165	166					1	1	24	24
	1	44		1	27	91		1	97	111								
	2	44	1	7	96	141	1	7	170	176							2	2
	3	44		9	78	121		9	161	162							7	7
1994	1	40		10	112	159		10	175	185								
	2	40	7	34	148	198	4	31	205	219			1	1	2	2	31	31
	3	40	2	20	119	175	3	20	196	203	2	2	4	4	8	8	51	51
	1	42		2	67	136		2	148	160								
	2	42	2	24	133	186	2	24	197	211							11	11
	3	42	2	18	107	163	3	18	192	198			2	2	2	2	32	32
	1	44			37	115			117	142								
	2	44		16	124	179		16	189	207							1	1
	3	44		10	102	158		10	190	195							10	10
1995	1	40		2	59	111		2	142	150								
	2	40	1	7	96	141		6	193	196					1	1	13	13
	3	40		4	72	113		4	181	183	2	2	3	3	3	3	31	31
	1	42			28	86			108	115								
	2	42		5	81	134		5	185	188							5	5
	3	42		4	61	111		4	168	171			1	1	3	3	8	8
	1	44			8	66			70	87								
	2	44		2	75	122		2	166	171								
	3	44		3	56	102		3	156	159							3	3

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(10)

City	Port Hedland	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40	1	6	83	129	1	6	163	172								
	2	40	3	22	114	170	3	22	204	206			1	1	2	2	32	32
	3	40	2	14	88	145	2	14	191	195	2	2	5	5	9	9	52	52
	1	42	1	2	58	107	1	2	137	145								
	2	42	1	16	105	164	1	16	192	199							9	9
	3	42	1	10	80	137	1	10	187	191			1	1	3	3	27	27
	1	44		1	27	92		1	105	116								
	2	44	1	14	97	147	1	14	185	190								
	3	44	1	8	74	126	1	8	180	185							8	8
1997	1	40	1	4	55	108	1	4	139	151								
	2	40	3	13	89	139	3	13	194	197							13	13
	3	40	2	9	63	119	2	9	186	187	1	1	1	1	2	2	38	38
	1	42		2	32	78		2	105	116								
	2	42	2	8	77	129	2	8	187	190							1	1
	3	42		7	54	114		7	178	179							15	15
	1	44		2	15	61		2	71	83								
	2	44	2	5	65	122	2	5	167	170								
	3	44		5	50	105		5	169	170							2	2
1998	1	40	1	6	88	136	1	6	168	176								
	2	40	4	19	119	179	4	19	211	218	1	1	3	3	7	7	30	30
	3	40	3	13	86	156	5	15	203	204	4	4	7	7	13	13	61	61
	1	42	1	3	56	114	1	3	143	154								
	2	42	2	14	108	163	2	14	199	203							12	12
	3	42	3	10	82	138	3	10	195	196	2	2	3	3	6	6	30	30
	1	44		1	24	91		1	101	118								
	2	44	1	10	96	149	1	10	188	192							3	3
	3	44		9	75	125		9	188	190					1	1	14	14
1999	1	40			39	83			115	124								
	2	40		7	62	119		7	168	174					2	2	21	21
	3	40		2	47	98	2	4	162	163	3	3	4	4	10	10	51	51
	1	42			22	55			96	98								
	2	42		3	53	110		3	152	156							10	10
	3	42		2	40	89		2	151	155					4	4	23	23
	1	44			9	41			58	67								
	2	44		2	47	98		2	140	147							1	1
	3	44			34	77			138	139							11	11
2000	1	40	1	4	40	70	1	4	116	121								
	2	40	4	19	57	104	4	19	168	171					1	1	17	17
	3	40	1	11	43	82	1	11	156	158	1	1	4	4	5	5	35	35
	1	42		3	28	57		3	85	92								
	2	42	3	17	53	94	3	17	157	161							4	4
	3	42	1	10	37	74	1	10	148	149	1	1	1	1	1	1	16	16
	1	44		2	19	42		2	52	61								
	2	44	3	9	48	85	3	9	140	144								
	3	44	1	7	37	69	1	7	137	138							5	5
2001	1	40		3	44	73		3	103	108								
	2	40	1	12	65	115	2	12	155	158	1	1	1	1	2	2	12	12
	3	40		9	37	84		9	135	138			2	2	5	5	32	32
	1	42		1	22	60		1	83	89								
	2	42	1	7	60	105	1	7	138	141					1	1	3	3
	3	42		6	34	77		6	127	130					1	1	10	10
	1	44			13	48			54	64								
	2	44		5	54	95		5	125	131							1	1
	3	44		3	33	70		3	116	120							5	5

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(10a)

City	Port Hedland	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40	1	25	117	190	1	25	180	180								
	2	40	12	70	163	215	12	70	213	213	1	2	1	5	2	16	24	24
	3	40	8	54	128	206	9	55	208	208	1	8	2	13	5	30	45	45
	1	42		16	94	171		16	160	159								
	2	42	6	59	149	207	6	59	207	207						2	9	9
	3	42	6	44	122	198	6	44	201	201		1	1	3	1	12	16	16
	1	44		6	66	141		6	117	111								
	2	44	3	40	134	201	3	40	200	199								
	3	44	4	36	112	195	4	36	199	199				1	1	3	7	7
1991	1	40		15	93	163		15	167	167								
	2	40	6	49	132	203	2	45	193	193					3	6	38	38
	3	40	1	43	102	178		41	190	190	3	3	8	12	13	28	67	67
	1	42		3	67	136		3	153	153								
	2	42	1	38	117	193	1	38	190	189							9	9
	3	42		36	95	172		35	183	183					5	8	40	40
	1	44		1	42	108		1	113	110								
	2	44	1	32	104	188	1	32	179	179							1	1
	3	44		26	85	165		26	178	178							14	14
1992	1	40		15	79	131		15	141	140								
	2	40	2	44	108	172	2	44	176	176				1	1	5	15	15
	3	40	1	29	83	156	1	29	176	176		1		2	1	17	25	25
	1	42		2	57	114		2	108	106								
	2	42		29	98	162		29	166	166						1	6	6
	3	42	1	22	79	148	1	22	167	166				1		2	9	9
	1	44			29	96			78	76								
	2	44		19	88	151		19	157	157							1	1
	3	44		18	73	142		18	156	156						1	4	4
1993	1	40	1	11	93	151	1	11	160	160								
	2	40	4	53	124	173	4	53	183	183	1	2	1	2	1	4	23	23
	3	40	3	31	100	160	3	32	168	168	1	4	2	7	4	20	52	52
	1	42	1	5	77	134	1	5	133	133								
	2	42	1	36	113	169	1	36	174	174						1	4	4
	3	42	1	23	95	148	1	24	165	165		1		1	1	5	24	24
	1	44		1	38	110		1	98	97								
	2	44	1	24	102	163	1	24	170	170							2	2
	3	44		17	84	140		17	161	161				1		1	7	7
1994	1	40		24	120	184		24	175	175								
	2	40	12	65	160	224	9	63	206	205			1	2	2	11	31	31
	3	40	2	53	131	204	3	52	196	196	2	5	4	9	8	31	51	51
	1	42		11	90	169		11	152	148								
	2	42	4	48	148	217	4	48	197	197							11	11
	3	42	2	39	121	203	3	39	192	192			2	2	2	6	32	32
	1	44		4	52	146		4	119	117								
	2	44	2	33	133	204	2	33	189	189							1	1
	3	44	2	29	113	189	2	29	190	190							10	10
1995	1	40		5	68	134		5	142	142								
	2	40	3	28	108	167	2	27	193	193					1	3	13	13
	3	40	1	24	81	147	1	24	181	181	2	2	3	4	3	9	31	31
	1	42		2	45	113		2	108	108								
	2	42		19	97	160		19	185	185							5	5
	3	42		17	75	135		17	168	168			1	1	3	4	8	8
	1	44			19	96			71	70								
	2	44		8	81	145		8	166	166								
	3	44		13	65	130		13	156	156							3	3

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(10a)

City	Port Hedland	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40	1	16	92	164	1	16	163	163								
	2	40	6	57	123	208	6	57	204	204		1	1	2	2	5	32	32
	3	40	2	45	99	184	2	45	191	191	2	4	5	11	9	27	52	52
	1	42	1	8	77	132	1	8	138	137								
	2	42	4	43	114	198	4	43	192	192						1	9	9
	3	42	2	38	93	173	2	38	187	187			1	2	3	9	27	27
	1	44		3	43	114		3	107	103								
	2	44	1	29	105	183	1	29	185	185								
	3	44	1	27	82	161	1	27	180	180						1	8	8
1997	1	40	2	8	63	129	2	8	139	139								
	2	40	4	31	105	170	4	31	194	194				1		4	13	13
	3	40	3	21	77	148	3	21	186	186	1	3	1	5	2	13	38	38
	1	42		5	42	110		5	105	105								
	2	42	3	20	91	159	3	20	187	187						1	1	1
	3	42	3	20	65	141	3	20	178	178				1		4	15	15
	1	44		3	20	88		3	71	70								
	2	44	2	15	77	145	2	15	167	167								
	3	44	2	17	58	132	2	17	169	169						1	2	2
1998	1	40	1	14	94	163	1	14	168	168								
	2	40	5	56	132	213	5	56	211	211	1	2	3	4	7	13	30	30
	3	40	5	39	97	191	7	40	203	203	4	10	7	12	13	28	61	61
	1	42	1	7	73	139	1	7	144	142								
	2	42	4	34	120	204	4	34	199	199				1		1	12	12
	3	42	4	33	91	180	4	33	195	195	2	2	3	3	6	11	30	30
	1	44	1	4	34	119	1	4	102	101								
	2	44	2	24	108	195	2	24	188	188						1	3	3
	3	44	3	25	85	173	3	25	188	188					1	1	14	14
1999	1	40		3	43	110		3	115	115								
	2	40		21	76	151		21	168	168					2	2	21	21
	3	40		15	54	132	2	15	162	162	3	3	4	4	10	14	51	51
	1	42		1	27	89		1	96	96								
	2	42		17	63	140		17	152	152							10	10
	3	42		14	51	126		14	151	151					4	4	23	23
	1	44			17	62			59	57								
	2	44		9	53	127		9	140	140							1	1
	3	44		10	45	117		10	138	138							11	11
2000	1	40	2	17	42	94	2	17	116	116								
	2	40	4	28	66	134	4	28	168	168				2	1	7	17	17
	3	40	2	20	49	116	2	20	156	156	1	3	4	9	5	17	35	35
	1	42		6	32	74		6	86	85								
	2	42	4	21	58	123	4	21	157	157							4	4
	3	42	2	20	46	105	2	20	148	148	1	1	1	1	1	5	16	16
	1	44		4	21	57		4	52	52								
	2	44	3	19	53	112	3	19	140	140								
	3	44	1	18	42	95	1	18	137	137							5	5
2001	1	40		7	50	105		7	103	103								
	2	40	2	19	73	142	3	19	155	155	1	1	1	1	2	4	12	12
	3	40		17	46	113		17	135	135			2	3	5	14	32	32
	1	42		3	31	82		3	83	83								
	2	42	1	18	66	134	1	18	138	138					1	1	3	3
	3	42		16	42	101		16	127	127					1	2	10	10
	1	44		1	18	64		1	54	54								
	2	44	1	13	60	124	1	13	125	125							1	1
	3	44		14	37	97		14	116	116							5	5

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40			18	66			28	68								
	2	40			47	108			105	131								
	3	40			28	77			93	110								
	1	42			6	33			7	34								
	2	42			38	101			86	119								
	3	42			22	74			79	99								
	1	44			1	19			1	19								
	2	44			30	83			58	95								
	3	44			20	71			64	88								
1991	1	40			4	40			27	54								
	2	40			30	84			103	118								
	3	40			17	66			91	99								
	1	42			2	21			5	23								
	2	42			20	80			81	106								
	3	42			12	59			79	90								
	1	44				6				6								
	2	44			10	61			50	78								
	3	44			5	56			58	80								
1992	1	40			4	32			16	37								
	2	40			20	74			68	83								
	3	40			11	57			58	65								
	1	42				16			3	16								
	2	42			17	66			58	76								
	3	42			8	51			52	60								
	1	44				3				3								
	2	44			11	55			43	65								
	3	44			6	45			47	58								
1993	1	40			5	40			25	51								
	2	40		1	24	89		1	91	107								
	3	40			15	55			84	86								
	1	42			1	22			3	22								
	2	42		1	16	84		1	74	98								
	3	42			9	51			71	77								
	1	44			1	7			1	7								
	2	44			9	65			47	76								
	3	44			9	46			51	64								
1994	1	40			13	50			33	61								
	2	40			36	114			110	136								
	3	40			23	83			102	107								
	1	42			4	32			6	32								
	2	42			29	105			90	127								
	3	42			20	75			90	99								
	1	44				14				14								
	2	44			21	78			64	102								
	3	44			17	69			76	93								
1995	1	40			2	19			14	26								
	2	40			7	63			60	81								
	3	40			7	44			54	65								
	1	42				6			1	7								
	2	42			6	57			46	69								
	3	42			4	39			44	58								
	1	44				2				2								
	2	44			3	40			32	54								
	3	44			4	34			32	48								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40			8	46			28	56								
	2	40		1	25	89		1	92	107								
	3	40			17	64			85	91								
	1	42			2	20			5	22								
	2	42		1	19	83		1	82	102								
	3	42			11	61			73	83								
	1	44			1	13			1	13								
	2	44			14	72			63	95								
	3	44			10	58			64	78								
1997	1	40			6	22			15	27								
	2	40			15	58			65	77								
	3	40			12	38			57	62								
	1	42			3	11			3	11								
	2	42			10	53			45	67								
	3	42			8	33			54	58								
	1	44			2	5			2	5								
	2	44			6	40			33	54								
	3	44			7	27			38	47								
1998	1	40			7	40			33	55								
	2	40		1	24	90		1	98	114								
	3	40			15	58			81	89								
	1	42			4	17			11	22								
	2	42		1	15	86		1	75	98								
	3	42			11	53			72	80								
	1	44			1	9			1	9								
	2	44		1	10	70		1	54	82								
	3	44			10	47			58	69								
1999	1	40			1	18			17	26								
	2	40			7	40			52	61								
	3	40			5	24			47	50								
	1	42				4			5	6								
	2	42			4	36			46	53								
	3	42			2	23			42	45								
	1	44				1				1								
	2	44			2	26			33	40								
	3	44			2	22			34	38								
2000	1	40			6	22			16	28								
	2	40			19	40			51	60								
	3	40			13	31			41	46								
	1	42			4	19			5	20								
	2	42			19	38			41	50								
	3	42			11	29			37	42								
	1	44			3	7			3	7								
	2	44			11	32			27	38								
	3	44			10	28			29	37								
2001	1	40			3	18			11	22								
	2	40			13	46			45	55								
	3	40			12	27			31	35								
	1	42			1	11			4	13								
	2	42			10	39			35	49								
	3	42			7	22			26	29								
	1	44				5				5								
	2	44			5	27			26	35								
	3	44			4	19			23	27								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40			25	101			34	23								
	2	40		2	61	135		2	110	104								
	3	40		3	38	109		3	94	92								
	1	42			11	70			12	2								
	2	42		1	46	125		1	89	84								
	3	42		1	32	98		1	81	78								
	1	44			3	39			3									
	2	44			38	113			62	51								
	3	44			26	92			68	62								
1991	1	40			7	80			29	26								
	2	40		1	37	103		1	103	101								
	3	40			29	81			93	91								
	1	42			3	44			6	4								
	2	42			30	96			84	77								
	3	42			22	76			82	78								
	1	44			1	28			1									
	2	44			20	90			55	49								
	3	44			13	69			60	56								
1992	1	40			5	66			16	16								
	2	40			26	92			70	68								
	3	40			21	72			58	58								
	1	42			2	41			4	3								
	2	42			20	87			58	57								
	3	42			16	71			54	52								
	1	44				19												
	2	44			17	80			45	41								
	3	44			9	66			48	47								
1993	1	40		1	7	84		1	27	21								
	2	40		1	33	106		1	92	91								
	3	40			19	82			84	84								
	1	42			4	49			6	3								
	2	42		1	24	94		1	76	73								
	3	42			15	76			72	70								
	1	44			1	24			1									
	2	44		1	16	90		1	48	46								
	3	44			13	70			53	51								
1994	1	40			18	105			36	27								
	2	40			50	136			112	110								
	3	40			33	113			102	102								
	1	42			10	63			10	3								
	2	42			36	125			91	86								
	3	42			26	102			90	90								
	1	44			2	33			2									
	2	44			29	119			69	58								
	3	44			20	94			76	72								
1995	1	40			2	57			14	13								
	2	40			18	86			61	60								
	3	40			14	64			57	53								
	1	42			2	24			3	1								
	2	42			8	77			46	45								
	3	42			11	57			46	42								
	1	44				7												
	2	44			6	69			33	31								
	3	44			4	54			35	31								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40		1	14	83		1	31	24								
	2	40		1	39	109		1	95	91								
	3	40		1	30	81		1	88	85								
	1	42			6	52			9	3								
	2	42		1	25	103		1	83	80								
	3	42		1	25	76		1	76	73								
	1	44			1	25			1									
	2	44		1	19	96		1	65	61								
	3	44		1	14	73		1	64	63								
1997	1	40			6	53			15	11								
	2	40		2	20	80		2	65	64								
	3	40			18	58			57	57								
	1	42			3	30			3									
	2	42		1	15	72		1	48	45								
	3	42			14	50			54	53								
	1	44			2	15			2									
	2	44		1	10	63		1	34	32								
	3	44			10	43			39	37								
1998	1	40		1	10	86		1	33	31								
	2	40		1	32	116		1	98	98								
	3	40			27	85			83	80								
	1	42		1	5	52		1	11	8								
	2	42		1	24	102		1	75	75								
	3	42			20	76			74	72								
	1	44			1	24			1									
	2	44		1	15	94		1	56	54								
	3	44			14	70			59	58								
1999	1	40			2	36			17	17								
	2	40			15	56			53	51								
	3	40			10	44			47	47								
	1	42				21			5	5								
	2	42			7	51			46	45								
	3	42			7	38			42	42								
	1	44				7												
	2	44			4	44			34	33								
	3	44			5	30			34	34								
2000	1	40			7	38			16	16								
	2	40		3	21	57		3	51	50								
	3	40		1	19	42		1	43	41								
	1	42			4	27			5	1								
	2	42		2	19	51		2	41	38								
	3	42			14	37			37	36								
	1	44			3	19			3									
	2	44		1	19	45		1	30	24								
	3	44			12	36			29	27								
2001	1	40			5	39			12	10								
	2	40			18	59			45	44								
	3	40			14	36			31	31								
	1	42			2	19			5	3								
	2	42			13	57			36	35								
	3	42			14	33			27	26								
	1	44				13												
	2	44			10	51			28	25								
	3	44			9	29			23	22								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40		1	45	105		1	100	128								
	2	40		7	92	147		7	166	176								
	3	40		6	68	117		6	157	163								
	1	42			27	73			53	84								
	2	42		4	81	133		4	157	165								
	3	42		4	60	110		4	149	154								
	1	44			14	45			19	47								
	2	44		2	65	124		2	133	152								
	3	44		4	51	102		4	138	141								
1991	1	40			24	83			95	116								
	2	40		1	66	112		1	159	162								
	3	40			56	92			145	147								
	1	42			7	50			42	70								
	2	42		1	50	102		1	151	154								
	3	42			47	82			138	141								
	1	44			3	34			15	43								
	2	44		1	40	93		1	131	138								
	3	44			38	78			130	133								
1992	1	40			19	70			65	81								
	2	40		1	58	98		1	123	129								
	3	40		1	40	78		1	111	115								
	1	42			6	50			37	61								
	2	42			43	91			105	115								
	3	42			30	73			100	104								
	1	44			4	21			11	24								
	2	44			26	84			86	100								
	3	44			25	72			93	98								
1993	1	40		1	23	87		1	85	105								
	2	40	1	1	70	111	1	1	147	153								
	3	40		1	49	91		1	132	137								
	1	42		1	7	56		1	40	69								
	2	42	1	1	55	104	1	1	131	136								
	3	42			38	83			121	126								
	1	44			4	26			14	33								
	2	44		1	37	94		1	111	120								
	3	44			31	78			108	113								
1994	1	40			35	112			97	132								
	2	40		5	87	147		5	157	168								
	3	40		2	65	120		2	154	159								
	1	42			19	68			53	87								
	2	42		2	65	134		2	148	160								
	3	42		2	54	111		2	146	151								
	1	44			11	36			21	44								
	2	44			51	123			136	151								
	3	44			48	103			135	140								
1995	1	40			6	60			54	78								
	2	40			43	98			121	129								
	3	40			33	74			106	108								
	1	42			2	31			23	45								
	2	42			26	85			105	111								
	3	42			24	64			94	96								
	1	44			2	10			8	14								
	2	44			18	76			87	98								
	3	44			19	58			84	87								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40		1	22	84		1	88	105								
	2	40	1	4	72	116	1	4	147	155								
	3	40		2	54	90		2	139	144								
	1	42		1	14	62		1	53	82								
	2	42	1	2	53	107	1	2	136	145								
	3	42		1	47	81		1	122	129								
	1	44			6	31			16	37								
	2	44		1	39	99		1	119	130								
	3	44		1	39	77		1	111	116								
1997	1	40		1	13	56		1	57	76								
	2	40		3	41	93		3	118	131								
	3	40		3	26	63		3	110	114								
	1	42			6	33			27	46								
	2	42		2	31	77		2	101	111								
	3	42		2	21	56		2	98	103								
	1	44			3	15			7	16								
	2	44		2	20	67		2	82	94								
	3	44			20	51			91	95								
1998	1	40		1	20	89		1	89	110								
	2	40	1	4	71	121	1	4	154	161								
	3	40		4	44	89		4	144	146								
	1	42		1	10	62		1	50	75								
	2	42	1	2	53	112	1	2	140	151								
	3	42		3	42	84		3	136	137								
	1	44			5	26			20	37								
	2	44	1	1	32	98	1	1	124	135								
	3	44			37	77			123	125								
1999	1	40			7	39			52	61								
	2	40			26	63			105	110								
	3	40			21	51			91	96								
	1	42			2	24			29	39								
	2	42			21	54			95	97								
	3	42			16	44			82	88								
	1	44				9			10	14								
	2	44			15	51			72	82								
	3	44			15	39			71	76								
2000	1	40		1	19	40		1	48	58								
	2	40		4	32	58		4	93	98								
	3	40		1	24	44		1	84	86								
	1	42			7	30			21	35								
	2	42		3	27	56		3	82	90								
	3	42		1	20	41		1	71	74								
	1	44			4	20			8	22								
	2	44		3	21	49		3	66	75								
	3	44		1	20	37		1	62	64								
2001	1	40			12	46			41	55								
	2	40		1	31	67		1	88	97								
	3	40			18	39			78	81								
	1	42			5	22			25	31								
	2	42		1	21	60		1	81	88								
	3	42			17	35			68	73								
	1	44			2	13			7	16								
	2	44			20	54			62	73								
	3	44			17	33			60	65								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40		4	52	130		4	101	96								
	2	40		21	111	180		21	166	166								
	3	40		13	75	159		13	157	157								
	1	42		1	31	110		1	55	45								
	2	42		14	94	169		14	158	157								
	3	42		11	71	144		11	149	149								
	1	44			17	82			21	13								
	2	44		11	79	153		11	135	133								
	3	44		8	67	135		8	138	138								
1991	1	40		1	35	102		1	95	92								
	2	40		6	85	148		6	159	159								
	3	40		3	62	122		3	145	145								
	1	42			16	87			47	39								
	2	42		3	65	134		3	151	151								
	3	42			60	112			138	138								
	1	44			4	61			16	14								
	2	44		2	49	124		2	132	131								
	3	44			52	104			130	130								
1992	1	40			21	91			66	64								
	2	40		3	69	119		3	123	122								
	3	40		2	52	99		2	112	111								
	1	42			16	77			41	36								
	2	42		2	57	111		2	106	104								
	3	42		2	43	90		2	100	100								
	1	44			4	56			11	11								
	2	44		2	41	106		2	89	86								
	3	44		1	33	84		1	93	92								
1993	1	40		1	27	103		1	86	83								
	2	40	1	7	89	140	1	7	147	147								
	3	40		6	54	115		6	132	132								
	1	42		1	11	90		1	41	40								
	2	42	1	5	73	133	1	5	131	131								
	3	42		4	49	109		4	121	121								
	1	44		1	5	67		1	15	11								
	2	44	1	4	54	119	1	4	111	111								
	3	44		4	43	104		4	108	108								
1994	1	40		2	38	133		2	97	95								
	2	40		16	110	176		16	159	156								
	3	40		6	77	151		6	154	154								
	1	42			27	114			58	47								
	2	42		11	88	165		11	151	148								
	3	42		4	68	139		4	146	146								
	1	44			13	86			23	14								
	2	44		9	65	156		9	136	135								
	3	44		3	60	134		3	135	134								
1995	1	40			13	85			56	53								
	2	40		2	58	119		2	121	121								
	3	40		2	39	97		2	106	106								
	1	42			5	66			25	22								
	2	42		2	43	113		2	105	105								
	3	42		2	34	91		2	94	94								
	1	44			2	43			8	7								
	2	44		2	26	107		2	88	87								
	3	44		1	31	84		1	84	83								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.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.
1996	1	40		2	32	107		2	90	86								
	2	40	1	14	83	145	1	14	147	147								
	3	40	1	8	61	120	1	8	139	139								
	1	42		1	15	92		1	53	51								
	2	42	1	8	74	132	1	8	138	136								
	3	42		5	57	113		5	122	122								
	1	44		1	8	72		1	17	11								
	2	44	1	6	53	122	1	6	120	117								
	3	44		2	52	105		2	111	111								
1997	1	40		2	16	77		2	58	56								
	2	40	1	5	54	120	1	5	118	118								
	3	40		5	33	95		5	110	110								
	1	42		1	8	61		1	27	26								
	2	42		5	41	110		5	101	101								
	3	42		4	27	88		4	98	98								
	1	44			5	41			9	4								
	2	44		3	31	101		3	83	82								
	3	44		3	24	80		3	91	91								
1998	1	40	1	2	27	112	1	2	89	89								
	2	40	1	10	88	147	1	10	155	154								
	3	40		6	53	120		6	144	144								
	1	42		1	14	91		1	51	49								
	2	42	1	7	72	136	1	7	141	138								
	3	42		6	46	105		6	136	136								
	1	44		1	7	71		1	21	17								
	2	44	1	5	53	129	1	5	127	124								
	3	44		5	43	102		5	124	123								
1999	1	40			10	54			52	51								
	2	40		2	39	97		2	105	105								
	3	40			23	71			91	91								
	1	42			3	41			30	29								
	2	42		1	26	88		1	95	95								
	3	42			22	65			82	82								
	1	44			1	26			10	10								
	2	44			21	70			74	71								
	3	44			21	62			71	71								
2000	1	40		3	20	56		3	48	45								
	2	40	1	7	39	84	1	7	94	93								
	3	40		5	29	64		5	84	84								
	1	42		2	17	42		2	28	21								
	2	42		6	32	74		6	83	82								
	3	42		4	28	58		4	71	71								
	1	44			6	32			8	5								
	2	44		4	27	64		4	67	66								
	3	44		4	22	53		4	62	62								
2001	1	40		1	14	59		1	42	41								
	2	40		5	42	93		5	89	88								
	3	40		1	22	63		1	78	78								
	1	42			7	48			25	23								
	2	42		3	31	80		3	81	81								
	3	42		1	19	55		1	69	68								
	1	44			3	29			8	5								
	2	44		2	21	71		2	62	62								
	3	44			17	47			60	60								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1990	1	40			18	66			28	68								
	2	40		1	47	108		1	107	133								
	3	40			28	79			99	117								
	1	42			6	33			7	34								
	2	42			38	101			87	120								
	3	42			22	76			85	105								
	1	44			1	19			1	19								
	2	44			30	83			61	97								
	3	44			20	72			66	91								
1991	1	40			4	40			27	54								
	2	40			30	84			106	121								
	3	40			17	66			100	108								
	1	42			2	21			5	23								
	2	42			20	80			87	112								
	3	42			12	61			83	96								
	1	44				6				6								
	2	44			10	61			55	83								
	3	44			5	56			64	86								
1992	1	40			4	32			17	37								
	2	40			20	76			72	89								
	3	40			11	58			65	72								
	1	42				16			3	16								
	2	42			17	66			58	76								
	3	42			8	52			52	61								
	1	44				3				3								
	2	44			11	55			43	65								
	3	44			6	45			47	58								
1993	1	40			5	40			25	51								
	2	40		1	25	89		1	94	110								
	3	40			15	56			86	88								
	1	42			1	22			3	22								
	2	42		1	16	84		1	75	99								
	3	42			9	52			78	85								
	1	44			1	7			1	7								
	2	44		1	9	65		1	49	78								
	3	44			9	50			57	72								
1994	1	40			13	50			33	61								
	2	40			36	114			115	141								
	3	40			23	85			104	110								
	1	42			5	33			6	32								
	2	42			29	105			91	128								
	3	42			20	75			91	100								
	1	44				14				14								
	2	44			21	78			66	104								
	3	44			17	70			79	96								
1995	1	40			2	19			14	26								
	2	40			7	63			64	85								
	3	40			7	44			58	69								
	1	42				6			1	7								
	2	42			6	57			49	72								
	3	42			4	40			47	61								
	1	44				2				2								
	2	44			3	40			33	55								
	3	44			4	34			34	50								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1996	1	40			8	46			29	57								
	2	40		1	25	90		1	96	111								
	3	40		1	17	64		1	87	93								
	1	42			2	20			5	22								
	2	42		1	19	83		1	83	103								
	3	42		1	11	62		1	78	88								
	1	44			1	13			1	13								
	2	44		1	14	72		1	64	96								
	3	44			10	58			66	80								
1997	1	40			6	22			16	28								
	2	40		1	15	58		1	67	79								
	3	40			12	38			60	65								
	1	42			3	11			3	11								
	2	42		1	10	53		1	48	69								
	3	42			8	33			54	59								
	1	44			2	5			2	5								
	2	44			6	40			34	55								
	3	44			7	29			43	53								
1998	1	40		1	7	40		1	33	55								
	2	40		1	24	90		1	99	115								
	3	40			15	59			90	99								
	1	42			4	17			11	22								
	2	42		1	15	86		1	75	98								
	3	42			11	54			74	83								
	1	44			1	9			1	9								
	2	44		1	10	70		1	56	84								
	3	44			10	47			60	71								
1999	1	40			1	18			17	26								
	2	40			7	40			55	64								
	3	40			5	24			55	58								
	1	42				4			5	6								
	2	42			4	36			48	55								
	3	42			2	23			46	48								
	1	44				1				1								
	2	44			2	26			35	42								
	3	44			2	22			36	39								
2000	1	40			6	22			16	28								
	2	40		1	19	41		1	51	60								
	3	40			13	31			43	48								
	1	42			4	19			5	20								
	2	42			19	38			45	54								
	3	42			11	30			38	44								
	1	44			3	7			3	7								
	2	44			11	32			29	40								
	3	44			10	28			32	40								
2001	1	40			3	18			11	22								
	2	40			13	46			48	58								
	3	40			12	27			37	41								
	1	42			1	11			4	13								
	2	42			10	39			36	50								
	3	42			7	22			27	30								
	1	44				5				5								
	2	44			5	27			26	35								
	3	44			4	20			23	27								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40			25	101			34	23								
	2	40		6	61	137		6	112	106								
	3	40		4	38	111		4	100	98								
	1	42			11	70			12	2								
	2	42		3	46	127		3	90	85								
	3	42		4	32	102		4	87	84								
	1	44			3	39			3									
	2	44		1	38	116		1	65	54								
	3	44		3	26	94		3	70	64								
1991	1	40			7	80			29	26								
	2	40		1	37	106		1	106	104								
	3	40			29	88			102	100								
	1	42			3	44			6	4								
	2	42		1	30	98		1	90	83								
	3	42			22	77			86	82								
	1	44			1	28			1									
	2	44			20	90			60	54								
	3	44			13	71			66	62								
1992	1	40			5	66			17	17								
	2	40			26	94			74	72								
	3	40			21	75			65	65								
	1	42			2	41			4	3								
	2	42			20	88			58	57								
	3	42			16	71			54	52								
	1	44				19												
	2	44			17	81			45	41								
	3	44			9	68			48	47								
1993	1	40		1	7	84		1	27	21								
	2	40		1	34	107		1	95	94								
	3	40		1	19	85		1	86	86								
	1	42		1	4	49		1	6	3								
	2	42		1	24	95		1	77	74								
	3	42			15	78			79	77								
	1	44			1	24			1									
	2	44		1	16	90		1	50	48								
	3	44			13	72			59	57								
1994	1	40			18	105			36	27								
	2	40		3	50	142		3	117	115								
	3	40		2	33	118		2	104	104								
	1	42			11	64			10	3								
	2	42		2	36	126		2	92	87								
	3	42			26	104			91	91								
	1	44			2	33			2									
	2	44			29	120			71	60								
	3	44			20	97			79	75								
1995	1	40			2	57			14	13								
	2	40			18	91			65	64								
	3	40			14	68			61	57								
	1	42			2	24			3	1								
	2	42			8	80			49	48								
	3	42			11	59			49	45								
	1	44				7												
	2	44			6	72			34	32								
	3	44			4	54			37	33								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40		1	14	83		1	32	25								
	2	40		2	39	109		2	99	95								
	3	40		1	30	85		1	90	87								
	1	42		1	6	52		1	9	3								
	2	42		1	25	105		1	84	81								
	3	42		1	25	79		1	81	78								
	1	44			1	25			1									
	2	44		1	19	97		1	66	62								
	3	44		1	14	73		1	66	65								
1997	1	40		1	6	53		1	16	12								
	2	40		3	20	82		3	67	66								
	3	40		2	18	61		2	60	60								
	1	42			3	30			3									
	2	42		2	15	74		2	51	48								
	3	42			14	51			54	53								
	1	44			2	15			2									
	2	44		2	10	63		2	35	33								
	3	44			10	45			44	42								
1998	1	40		1	10	86		1	33	31								
	2	40	1	4	32	118	1	4	99	99								
	3	40		3	27	86		3	92	89								
	1	42		1	5	52		1	11	8								
	2	42		1	24	105		1	75	75								
	3	42		2	20	77		2	76	74								
	1	44			1	24			1									
	2	44		1	15	95		1	58	56								
	3	44			14	72			61	60								
1999	1	40			2	36			17	17								
	2	40			15	58			56	54								
	3	40			10	47			55	55								
	1	42				21			5	5								
	2	42			7	53			48	47								
	3	42			7	39			46	46								
	1	44				7												
	2	44			4	45			36	35								
	3	44			5	31			36	36								
2000	1	40			7	38			16	16								
	2	40		4	21	57		4	51	50								
	3	40		1	19	43		1	45	43								
	1	42			4	27			5	1								
	2	42		3	19	52		3	45	42								
	3	42		1	14	37		1	38	37								
	1	44			3	19			3									
	2	44		3	19	46		3	32	26								
	3	44		1	12	36		1	32	30								
2001	1	40			5	39			12	10								
	2	40		1	18	61		1	48	47								
	3	40			14	36			37	37								
	1	42			2	19			5	3								
	2	42			13	58			37	36								
	3	42			14	33			28	27								
	1	44				13												
	2	44			10	52			28	25								
	3	44			9	31			23	22								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40			38	101			85	119								
	2	40		6	82	139		6	163	172								
	3	40		4	63	111		4	151	156								
	1	42			23	71			41	79								
	2	42		3	76	130		3	145	158								
	3	42		4	51	102		4	140	143								
	1	44			8	39			8	39								
	2	44		1	56	118		1	121	143								
	3	44		3	41	96		3	127	137								
1991	1	40			20	80			83	109								
	2	40		1	55	105		1	154	155								
	3	40			49	83			139	141								
	1	42			6	42			34	59								
	2	42		1	44	97		1	139	145								
	3	42			38	78			132	135								
	1	44			3	26			8	30								
	2	44			37	90			121	128								
	3	44			31	73			128	130								
1992	1	40			17	66			55	76								
	2	40			52	94			109	117								
	3	40			31	73			100	105								
	1	42			4	38			28	48								
	2	42			35	88			94	107								
	3	42			25	72			93	98								
	1	44			2	19			7	18								
	2	44			21	80			83	97								
	3	44			21	69			82	88								
1993	1	40		1	16	84		1	72	98								
	2	40	1	1	59	107	1	1	136	141								
	3	40			39	83			122	127								
	1	42		1	6	45		1	32	58								
	2	42		1	44	96		1	122	128								
	3	42			31	78			111	115								
	1	44			1	24			5	26								
	2	44		1	30	91		1	102	114								
	3	44			21	75			104	108								
1994	1	40			29	105			89	127								
	2	40		2	69	139		2	152	165								
	3	40		2	58	113		2	148	154								
	1	42			16	61			43	76								
	2	42		2	54	126		2	140	154								
	3	42			48	103			138	143								
	1	44			10	35			15	38								
	2	44			39	120			123	147								
	3	44			35	97			122	130								
1995	1	40			6	57			45	70								
	2	40			31	90			115	121								
	3	40			28	65			95	97								
	1	42			2	24			18	35								
	2	42			20	80			94	104								
	3	42			19	58			86	87								
	1	44				7			4	9								
	2	44			13	69			76	91								
	3	44			16	54			78	83								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40		1	19	83		1	81	102								
	2	40	1	2	62	109	1	2	140	147								
	3	40		1	50	82		1	122	129								
	1	42			10	51			35	64								
	2	42		1	46	103		1	127	137								
	3	42		1	39	77		1	113	118								
	1	44			4	23			11	27								
	2	44		1	32	96		1	111	122								
	3	44		1	33	73		1	107	111								
1997	1	40		1	10	53		1	45	67								
	2	40		3	33	81		3	109	121								
	3	40		2	22	58		2	99	104								
	1	42			6	29			23	40								
	2	42		2	25	73		2	87	100								
	3	42			20	51			95	99								
	1	44			3	13			4	13								
	2	44		2	16	63		2	78	89								
	3	44			19	45			81	82								
1998	1	40		1	15	86		1	73	98								
	2	40	1	4	62	116	1	4	145	155								
	3	40		3	42	85		3	136	137								
	1	42		1	8	52		1	42	66								
	2	42	1	1	42	104	1	1	134	144								
	3	42		1	37	77		1	128	129								
	1	44			4	22			15	31								
	2	44	1	1	27	94	1	1	105	120								
	3	44			29	72			112	119								
1999	1	40			4	36			48	55								
	2	40			24	56			97	100								
	3	40			19	45			83	90								
	1	42			1	20			22	32								
	2	42			19	51			81	88								
	3	42			15	39			73	77								
	1	44				7			9	12								
	2	44			10	44			64	73								
	3	44			12	31			63	67								
2000	1	40			19	38			41	50								
	2	40		4	30	57		4	85	92								
	3	40		1	21	42		1	72	75								
	1	42			7	25			19	31								
	2	42		3	23	52		3	74	82								
	3	42		1	20	37		1	64	66								
	1	44			4	19			5	20								
	2	44		3	20	45		3	57	65								
	3	44		1	19	36		1	55	58								
2001	1	40			10	39			35	49								
	2	40		1	24	61		1	86	91								
	3	40			17	36			72	76								
	1	42			4	19			19	28								
	2	42			20	58			71	82								
	3	42			17	33			62	67								
	1	44			1	13			5	16								
	2	44			15	51			59	70								
	3	44			16	31			52	56								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40		3	46	126		3	89	81								
	2	40		18	102	175		18	164	163								
	3	40		11	71	146		11	151	151								
	1	42		1	27	104		1	44	34								
	2	42		13	80	161		13	146	145								
	3	42		9	68	137		9	140	140								
	1	44			14	71			14	4								
	2	44		7	75	146		7	126	119								
	3	44		7	56	126		7	129	127								
1991	1	40		1	29	97		1	86	79								
	2	40		5	72	140		5	154	154								
	3	40		1	60	114		1	139	139								
	1	42			10	83			35	31								
	2	42		2	55	127		2	139	139								
	3	42			54	104			132	132								
	1	44			3	50			8	7								
	2	44		2	43	113		2	121	121								
	3	44			42	98			128	127								
1992	1	40			20	88			55	54								
	2	40		2	60	116		2	110	107								
	3	40		2	43	91		2	100	100								
	1	42			11	70			31	28								
	2	42		2	52	108		2	97	94								
	3	42		1	38	86		1	93	93								
	1	44			3	50			7	7								
	2	44		1	34	98		1	85	83								
	3	44		1	29	81		1	84	81								
1993	1	40		1	24	95		1	74	71								
	2	40	1	5	81	136	1	5	136	136								
	3	40		4	49	110		4	122	122								
	1	42		1	9	87		1	33	31								
	2	42	1	4	60	126	1	4	122	122								
	3	42		4	45	104		4	111	111								
	1	44		1	4	56		1	8	5								
	2	44		1	43	110		1	102	102								
	3	44		2	33	99		2	104	104								
1994	1	40		2	36	125		2	90	85								
	2	40		11	100	172		11	156	152								
	3	40		4	69	143		4	148	148								
	1	42			21	112			45	36								
	2	42		10	72	159		10	141	140								
	3	42		3	63	135		3	138	138								
	1	44			12	68			17	9								
	2	44		8	54	150		8	125	123								
	3	44		2	53	128		2	123	122								
1995	1	40			7	80			45	44								
	2	40		2	55	113		2	115	115								
	3	40		2	34	91		2	95	95								
	1	42			3	60			19	17								
	2	42		2	32	111		2	95	94								
	3	42		1	32	84		1	86	86								
	1	44			2	31			6	4								
	2	44			20	101			77	76								
	3	44			23	79			79	78								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40		1	25	103		1	82	79								
	2	40	1	10	79	138	1	10	141	140								
	3	40		5	57	115		5	122	122								
	1	42		1	14	84		1	37	32								
	2	42	1	6	65	127	1	6	127	127								
	3	42		2	54	106		2	113	113								
	1	44		1	6	62		1	13	7								
	2	44		4	46	117		4	112	108								
	3	44		2	45	96		2	107	106								
1997	1	40		2	15	73		2	48	45								
	2	40		5	47	114		5	109	109								
	3	40		5	27	90		5	99	99								
	1	42		1	6	56		1	23	20								
	2	42		4	34	106		4	88	87								
	3	42		3	26	81		3	95	95								
	1	44			4	33			5	1								
	2	44		3	25	93		3	78	78								
	3	44		3	21	73		3	81	81								
1998	1	40		1	24	104		1	73	72								
	2	40	1	8	80	144	1	8	146	143								
	3	40		6	46	112		6	136	136								
	1	42		1	10	89		1	42	40								
	2	42	1	6	64	136	1	6	136	132								
	3	42		5	44	102		5	128	128								
	1	44		1	6	62		1	16	12								
	2	44	1	4	42	122	1	4	107	105								
	3	44		5	39	95		5	113	111								
1999	1	40			7	51			48	47								
	2	40		1	33	90		1	98	97								
	3	40			22	68			83	83								
	1	42			2	39			22	22								
	2	42			24	80			82	79								
	3	42			21	62			73	73								
	1	44				24			9	9								
	2	44			19	64			67	63								
	3	44			15	54			64	63								
2000	1	40		3	19	52		3	41	37								
	2	40		6	35	79		6	86	85								
	3	40		4	28	60		4	72	72								
	1	42		1	11	40		1	23	19								
	2	42		4	30	70		4	74	74								
	3	42		4	24	55		4	64	64								
	1	44			4	30			5	1								
	2	44		4	23	58		4	58	57								
	3	44		2	20	49		2	55	55								
2001	1	40			13	57			36	35								
	2	40		3	33	85		3	87	86								
	3	40		1	19	57		1	73	72								
	1	42			5	46			19	17								
	2	42		3	26	73		3	72	71								
	3	42			18	48			62	62								
	1	44			3	22			7	4								
	2	44		1	19	66		1	59	59								
	3	44			17	44			52	52								

APPENDIX - 15

(Predicted dangerous days - 1990 - 2001)

Table - 15(15)

City	Port Hedland	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			41	105			93	124								
	2	40		6	88	143		6	166	174								
	3	40		5	68	113		5	153	159								
	1	42			25	73			49	83								
	2	42		3	79	131		3	154	164								
	3	42		4	56	107		4	146	150								
	1	44			9	41			14	42								
	2	44		2	63	121		2	130	148								
	3	44		4	46	98		4	136	140								
1991	1	40			22	83			93	115								
	2	40		1	61	109		1	158	161								
	3	40			54	90			144	146								
	1	42			7	47			38	65								
	2	42		1	47	98		1	149	153								
	3	42			42	80			133	136								
	1	44			3	31			12	38								
	2	44		1	39	93		1	127	134								
	3	44			38	77			130	133								
1992	1	40			17	67			61	78								
	2	40			57	96			118	124								
	3	40			37	77			104	108								
	1	42			5	44			32	56								
	2	42			39	88			99	111								
	3	42			29	72			96	100								
	1	44			3	20			8	20								
	2	44			25	83			86	99								
	3	44			22	72			89	96								
1993	1	40		1	22	86		1	79	102								
	2	40	1	1	65	111	1	1	145	151								
	3	40		1	45	86		1	127	133								
	1	42		1	7	53		1	38	65								
	2	42	1	1	49	100	1	1	127	133								
	3	42			34	81			116	121								
	1	44			2	24			9	29								
	2	44		1	37	93		1	107	116								
	3	44			25	77			107	112								
1994	1	40			34	110			94	130								
	2	40		4	78	146		4	155	168								
	3	40		2	65	118		2	150	156								
	1	42			17	66			48	83								
	2	42		2	62	131		2	147	159								
	3	42		2	53	107		2	142	148								
	1	44			11	35			19	41								
	2	44			48	122			133	149								
	3	44			39	101			133	139								
1995	1	40			6	59			49	74								
	2	40			38	96			118	126								
	3	40			32	72			103	106								
	1	42			2	28			21	41								
	2	42			24	81			103	108								
	3	42			23	61			89	91								
	1	44			1	8			6	11								
	2	44			17	75			86	98								
	3	44			17	56			81	85								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(15)

City	Port Hedland	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40		1	20	83		1	85	103								
	2	40	1	3	67	114	1	3	145	153								
	3	40		2	53	87		2	130	135								
	1	42		1	13	58		1	47	75								
	2	42		1	51	105		1	132	142								
	3	42		1	45	80		1	118	125								
	1	44			4	27			13	33								
	2	44		1	37	97		1	117	127								
	3	44		1	38	74		1	110	114								
1997	1	40		1	11	54		1	52	71								
	2	40		3	39	88		3	115	126								
	3	40		2	25	63		2	104	110								
	1	42			6	32			26	45								
	2	42		2	29	76		2	97	107								
	3	42			21	54			97	103								
	1	44			3	15			6	16								
	2	44		2	20	64		2	81	91								
	3	44			20	50			86	90								
1998	1	40		1	17	88		1	79	102								
	2	40	1	4	69	119	1	4	152	160								
	3	40		3	43	86		3	143	144								
	1	42		1	9	56		1	48	70								
	2	42	1	2	52	108	1	2	138	148								
	3	42		3	39	82		3	133	134								
	1	44			5	24			18	34								
	2	44	1	1	28	96	1	1	119	130								
	3	44			33	75			120	123								
1999	1	40			4	39			49	58								
	2	40			25	62			102	107								
	3	40			21	47			87	94								
	1	42			1	22			25	35								
	2	42			20	53			89	94								
	3	42			15	40			79	84								
	1	44				9			10	14								
	2	44			14	47			68	77								
	3	44			14	34			67	70								
2000	1	40		1	19	40		1	46	57								
	2	40		4	31	57		4	90	96								
	3	40		1	23	43		1	82	83								
	1	42			7	28			20	33								
	2	42		3	25	53		3	77	84								
	3	42		1	20	37		1	70	72								
	1	44			4	19			8	21								
	2	44		3	21	48		3	65	73								
	3	44		1	20	37		1	60	62								
2001	1	40			11	43			39	53								
	2	40		1	29	65		1	88	95								
	3	40			17	36			75	78								
	1	42			5	20			24	31								
	2	42		1	21	60		1	76	85								
	3	42			17	33			65	68								
	1	44			1	13			5	16								
	2	44			19	54			62	73								
	3	44			16	32			55	61								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(15a)

City	Port Hedland	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40		3	49	128		3	95	90								
	2	40		19	108	179		19	166	166								
	3	40		13	74	154		13	153	153								
	1	42		1	28	107		1	50	42								
	2	42		13	89	166		13	155	153								
	3	42		11	69	142		11	146	146								
	1	44			15	77			18	11								
	2	44		7	78	151		7	132	129								
	3	44		8	63	129		8	136	136								
1991	1	40		1	35	98		1	93	90								
	2	40		6	81	146		6	158	158								
	3	40		2	62	119		2	144	144								
	1	42			15	84			42	35								
	2	42		3	64	128		3	149	149								
	3	42			60	111			133	133								
	1	44			4	57			13	11								
	2	44		2	45	116		2	127	127								
	3	44			49	103			130	130								
1992	1	40			20	88			61	60								
	2	40		3	68	118		3	118	116								
	3	40		2	50	98		2	105	104								
	1	42			13	76			37	32								
	2	42		2	56	111		2	102	99								
	3	42		1	41	89		1	96	96								
	1	44			3	55			8	8								
	2	44		2	38	104		2	87	86								
	3	44		1	31	82		1	91	89								
1993	1	40		1	25	98		1	79	77								
	2	40	1	7	87	138	1	7	145	145								
	3	40		5	53	112		5	127	127								
	1	42		1	10	89		1	39	38								
	2	42	1	4	68	133	1	4	127	127								
	3	42		4	48	108		4	116	116								
	1	44		1	4	62		1	11	8								
	2	44	1	3	48	115	1	3	108	107								
	3	44		4	38	101		4	107	107								
1994	1	40		2	37	130		2	95	92								
	2	40		14	106	176		14	158	154								
	3	40		4	74	147		4	150	150								
	1	42			26	114			54	41								
	2	42		10	79	163		10	149	147								
	3	42		3	66	138		3	142	142								
	1	44			12	77			20	12								
	2	44		9	62	153		9	134	132								
	3	44		2	57	133		2	133	132								
1995	1	40			9	81			49	48								
	2	40		2	57	118		2	118	118								
	3	40		2	36	95		2	103	103								
	1	42			3	63			22	20								
	2	42		2	40	112		2	103	103								
	3	42		1	34	89		1	89	89								
	1	44			2	38			7	6								
	2	44		1	24	106		1	87	86								
	3	44		1	28	81		1	82	81								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(15a)

City	Port Hedland	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40		1	29	105		1	88	83								
	2	40	1	13	83	142	1	13	145	145								
	3	40	1	5	59	117	1	5	130	130								
	1	42		1	15	90		1	47	43								
	2	42	1	8	72	132	1	8	134	132								
	3	42		4	55	109		4	118	118								
	1	44		1	8	67		1	16	10								
	2	44		4	51	120		4	118	115								
	3	44		2	50	98		2	110	110								
1997	1	40		2	15	76		2	54	52								
	2	40	1	5	53	118	1	5	115	115								
	3	40		5	30	93		5	104	104								
	1	42		1	7	58		1	26	23								
	2	42		4	40	109		4	97	97								
	3	42		4	27	88		4	97	97								
	1	44			4	39			7	3								
	2	44		3	29	100		3	82	81								
	3	44		3	22	77		3	86	86								
1998	1	40		2	24	108		2	79	79								
	2	40	1	9	86	146	1	9	152	151								
	3	40		6	49	116		6	143	143								
	1	42		1	12	90		1	49	47								
	2	42	1	6	70	136	1	6	139	136								
	3	42		6	46	103		6	133	133								
	1	44		1	6	69		1	19	15								
	2	44	1	5	52	126	1	5	122	119								
	3	44		5	42	101		5	121	119								
1999	1	40			9	53			49	48								
	2	40		1	36	91		1	103	102								
	3	40			22	70			87	87								
	1	42			2	40			25	25								
	2	42			26	87			89	88								
	3	42			22	64			79	79								
	1	44				25			10	10								
	2	44			20	66			70	67								
	3	44			19	55			67	66								
2000	1	40		3	19	53		3	46	43								
	2	40		7	38	82		7	91	90								
	3	40		4	29	61		4	82	82								
	1	42		1	13	41		1	25	20								
	2	42		5	32	71		5	78	77								
	3	42		4	24	58		4	70	70								
	1	44			5	31			8	5								
	2	44		4	25	63		4	66	65								
	3	44		3	21	52		3	60	60								
2001	1	40		1	13	59		1	40	39								
	2	40		5	40	89		5	89	88								
	3	40		1	20	60		1	75	75								
	1	42			7	46			24	22								
	2	42		3	29	77		3	77	76								
	3	42		1	18	54		1	65	65								
	1	44			3	27			7	4								
	2	44		1	21	67		1	62	62								
	3	44			17	47			55	55								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(16)

City	Port Hedland	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40	3	22	134	190	3	22	206	213							6	6
	2	40	31	79	179	212	27	74	220	227	26	26	34	35	56	59	127	133
	3	40	11	51	147	202	27	65	216	218	39	41	44	50	70	84	147	173
	1	42	1	13	112	167	1	13	184	195								
	2	42	22	61	166	205	15	54	217	220	4	4	9	9	18	19	88	90
	3	42	9	39	138	197	14	44	214	215	14	15	20	21	41	44	122	132
	1	44		6	82	139		6	163	172								
	2	44	9	40	150	201	7	38	214	218	1	1	2	2	2	2	36	36
	3	44	7	32	128	193	9	33	212	213	6	6	11	11	16	17	90	97
1991	1	40	1	14	105	161	1	14	186	195							4	4
	2	40	19	54	146	202	29	61	210	215	49	49	58	58	71	71	131	137
	3	40	2	39	117	175	53	81	206	209	69	70	74	74	89	96	150	167
	1	42		3	89	132		3	169	174								
	2	42	12	45	134	194	6	38	207	212	15	15	28	28	36	36	98	99
	3	42	1	31	105	170	24	51	203	204	42	42	57	57	74	74	121	133
	1	44		1	55	105		1	154	155								
	2	44	7	31	121	184	2	26	199	206			1	1	6	6	51	51
	3	44	1	24	102	162	9	32	198	199	22	22	35	35	51	51	102	106
1992	1	40		10	88	128		10	162	170							4	4
	2	40	10	44	119	170	9	40	195	200	16	16	21	21	28	29	103	105
	3	40	2	26	93	151	9	36	191	195	13	14	26	26	47	49	122	137
	1	42		2	72	111		2	143	151								
	2	42	3	25	111	159	4	25	191	193	3	3	7	7	16	16	59	59
	3	42	1	21	88	146	4	27	188	190	2	2	8	8	23	24	93	96
	1	44			52	94			109	117								
	2	44	1	18	101	150	1	18	185	185					3	3	21	21
	3	44	1	17	83	140	1	18	183	184	1	1	1	1	7	7	62	63
1993	1	40	1	10	99	150	1	10	172	177							3	3
	2	40	10	48	137	171	18	52	188	189	37	38	42	42	61	61	118	120
	3	40	4	32	112	153	30	54	185	185	46	46	56	56	81	87	131	143
	1	42	1	4	90	133	1	4	163	170								
	2	42	7	36	127	168	6	33	187	187	5	5	11	11	22	22	81	81
	3	42	4	21	106	144	11	30	180	180	23	24	33	33	56	56	114	120
	1	44	1	1	59	107	1	1	136	141								
	2	44	3	26	113	160	2	24	183	183	1	1	1	1	4	4	38	38
	3	44	2	14	101	138	5	19	177	177	5	5	15	15	29	29	100	101
1994	1	40	2	23	129	185	2	23	194	211							3	3
	2	40	18	64	174	219	28	70	225	237	32	32	39	39	59	61	131	134
	3	40	4	49	144	204	39	77	217	223	40	41	52	56	78	86	152	166
	1	42		10	114	164		10	178	190								
	2	42	16	50	161	214	12	46	216	231	11	11	17	17	26	26	89	90
	3	42	3	34	137	194	16	44	213	219	27	27	34	34	51	54	121	132
	1	44		2	69	139		2	152	165								
	2	44	11	36	152	201	8	33	208	221	1	1	2	2	6	6	42	42
	3	44	2	26	131	186	6	31	201	210	10	10	19	19	32	32	96	100
1995	1	40		3	80	134		3	179	184							1	1
	2	40	3	24	113	164	9	28	209	211	19	19	29	29	46	46	110	111
	3	40	2	20	91	141	19	35	201	203	38	38	50	50	68	70	123	143
	1	42		2	60	112		2	144	151								
	2	42	3	18	111	149	4	19	201	204	3	3	5	5	15	15	59	59
	3	42	1	15	84	132	4	18	195	196	14	14	23	23	42	42	99	103
	1	44			31	90			115	121								
	2	44	1	8	101	144		7	197	200			1	1	3	3	18	18
	3	44		12	81	129	3	15	191	192	3	3	5	5	18	18	78	78

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(16)

City	Port Hedland	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40	1	15	105	160	1	15	191	197							5	5
	2	40	10	51	139	206	24	59	227	233	37	37	42	43	63	63	133	136
	3	40	5	40	116	177	35	63	216	219	48	49	63	67	88	98	146	155
	1	42	1	8	84	132	1	8	169	176								
	2	42	6	37	127	191	9	40	214	219	9	9	16	16	30	30	93	93
	3	42	2	32	107	170	16	45	210	214	27	27	38	38	59	61	127	134
	1	44	1	2	62	109	1	2	140	147								
	2	44	4	24	117	177	4	24	207	211	3	3	3	3	6	6	44	44
	3	44	2	25	99	160	7	29	202	206	15	15	15	15	27	27	102	104
1997	1	40	2	6	75	128	2	6	181	184								
	2	40	7	30	114	166	11	32	212	215	28	28	39	39	63	65	117	118
	3	40	5	20	90	145	25	40	205	205	55	56	63	64	84	90	136	144
	1	42	1	4	57	110	1	4	144	154								
	2	42	5	20	107	156	4	20	205	208	3	3	7	7	16	16	79	79
	3	42	3	19	82	136	7	23	202	203	30	30	41	41	56	57	117	123
	1	44		3	33	81		3	109	121								
	2	44	3	14	94	142	3	14	196	199					1	1	26	26
	3	44	3	16	77	130	4	17	194	196	6	6	16	16	28	28	94	95
1998	1	40	1	12	105	159	1	12	199	203							9	9
	2	40	8	50	144	209	23	56	239	243	32	32	41	41	54	56	124	124
	3	40	6	37	112	186	36	57	230	233	50	50	63	65	88	91	157	168
	1	42	1	6	89	136	1	6	175	180								
	2	42	6	29	136	199	12	34	227	234	10	10	16	16	26	26	86	86
	3	42	5	27	103	175	21	42	224	225	27	28	37	37	57	59	129	133
	1	44	1	4	62	116	1	4	145	155								
	2	44	4	22	122	185	4	22	218	222	4	4	5	5	8	8	41	41
	3	44	5	20	98	172	13	29	217	218	16	17	19	20	32	32	99	100
1999	1	40		2	53	108		2	148	152							6	6
	2	40	1	20	90	148	14	26	192	197	35	35	44	44	59	59	105	106
	3	40		15	68	127	31	39	185	186	53	53	67	67	84	84	126	131
	1	42			39	87			122	130								
	2	42		14	80	135	5	14	180	185	10	10	15	15	25	25	76	76
	3	42		12	63	122	16	23	178	181	31	31	43	43	59	59	105	105
	1	44			24	56			97	100								
	2	44		7	64	123		7	171	177			1	1	5	5	38	38
	3	44		8	55	112	4	11	171	172	15	15	22	22	33	33	85	85
2000	1	40	3	12	52	91	3	12	154	158							1	1
	2	40	6	25	80	129	13	32	192	194	20	20	26	26	46	48	110	113
	3	40	4	20	60	108	20	36	176	177	33	34	46	48	78	80	141	148
	1	42	1	5	40	71	1	5	123	126								
	2	42	4	21	70	117	5	22	181	184	5	5	8	8	12	12	68	68
	3	42	4	19	55	99	11	26	171	172	18	18	26	26	44	45	115	119
	1	44		4	30	57		4	85	92								
	2	44	4	19	58	108	4	19	173	175	1	1	1	1	3	3	23	23
	3	44	2	15	49	93	7	18	162	163	7	7	11	11	17	17	83	84
2001	1	40		7	59	103		7	133	138					1	1	3	3
	2	40	5	21	85	139	9	23	181	185	16	16	21	21	35	36	81	82
	3	40	1	17	58	108	13	28	176	178	30	30	40	40	56	58	97	102
	1	42		3	48	77		3	109	114								
	2	42	5	19	73	132	6	19	171	175	5	5	6	6	9	9	57	57
	3	42		16	50	99	5	19	171	171	12	12	19	19	34	34	77	81
	1	44		1	24	61		1	86	91								
	2	44	1	13	67	121	2	13	158	164	1	1	2	2	3	3	15	15
	3	44		14	46	95	3	15	155	157	4	4	10	10	15	15	60	61

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(16a)

City	Port Hedland	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40	6	52	142	205	6	52	206	206						1	6	6
	2	40	35	118	189	234	30	111	220	220	26	84	34	101	56	152	127	127
	3	40	17	102	163	219	33	123	216	216	39	138	44	164	70	214	147	147
	1	42	1	28	122	193	1	28	185	184								
	2	42	27	99	180	228	20	92	217	217	4	24	9	40	18	75	88	88
	3	42	13	80	154	215	18	86	214	214	14	68	20	100	41	167	122	122
	1	44		18	99	175		18	164	163								
	2	44	15	72	165	217	13	70	214	214	1	5	2	11	2	21	36	36
	3	44	11	71	143	213	13	75	212	212	6	30	11	51	16	98	90	90
1991	1	40	1	35	112	192	1	35	186	186							4	4
	2	40	23	94	159	212	33	97	211	210	49	82	58	101	71	140	131	131
	3	40	5	80	131	200	56	113	206	206	69	132	74	152	89	196	150	150
	1	42		18	96	169		18	169	169								
	2	42	15	75	147	210	9	71	207	207	15	23	28	42	36	70	98	98
	3	42	3	71	121	194	27	81	203	203	42	81	57	108	74	151	121	121
	1	44		5	71	140		5	154	154								
	2	44	7	55	134	205	2	50	199	199			1	1	6	13	51	51
	3	44	1	61	113	190	10	59	198	198	22	37	35	62	51	102	102	102
1992	1	40		25	94	156		25	162	162							4	4
	2	40	17	84	129	201	14	79	195	195	16	40	21	62	28	100	103	103
	3	40	4	73	104	186	11	77	191	191	13	83	26	112	47	170	122	122
	1	42		16	82	135		16	143	143								
	2	42	3	59	119	192	4	59	191	191	3	9	7	17	16	43	59	59
	3	42	3	60	100	170	7	60	188	188	2	34	8	62	23	110	93	93
	1	44		2	60	116		2	110	107								
	2	44	2	50	111	175	2	50	185	185		1		3	3	9	21	21
	3	44	1	43	91	163	2	44	183	183	1	15	1	27	7	59	62	62
1993	1	40	1	33	110	167	1	33	172	172						1	3	3
	2	40	14	96	147	190	21	94	188	188	37	70	42	90	61	131	118	118
	3	40	8	78	119	177	35	95	185	185	46	119	56	139	81	174	131	131
	1	42	1	14	93	154	1	14	163	163								
	2	42	10	80	137	187	9	77	187	187	5	12	11	24	22	59	81	81
	3	42	5	63	114	172	12	68	180	180	23	58	33	83	56	141	114	114
	1	44	1	5	79	136	1	5	136	136								
	2	44	6	58	126	178	5	56	183	183	1	2	1	2	4	10	38	38
	3	44	4	52	110	167	7	53	177	177	5	19	15	35	29	80	100	100
1994	1	40	3	44	145	214	3	44	194	194							3	3
	2	40	25	119	182	247	33	120	225	225	32	74	39	99	59	153	131	131
	3	40	9	101	158	221	42	114	217	217	40	140	52	168	78	221	152	152
	1	42		26	122	192		26	178	178								
	2	42	19	100	174	240	15	97	216	216	11	26	17	36	26	69	89	89
	3	42	4	88	149	215	19	92	213	213	27	80	34	101	51	164	121	121
	1	44		11	98	172		11	156	152								
	2	44	13	69	161	228	10	67	208	208	1	2	2	4	6	20	42	42
	3	44	3	69	139	213	8	74	201	201	10	32	19	51	32	104	96	96
1995	1	40		17	91	149		17	179	179							1	1
	2	40	4	66	128	184	10	67	209	209	19	34	29	57	46	109	110	110
	3	40	2	54	98	171	19	64	201	201	38	96	50	129	68	187	123	123
	1	42		6	72	135		6	144	144								
	2	42	3	53	113	180	4	53	201	201	3	6	5	9	15	32	59	59
	3	42	2	43	95	161	5	44	195	195	14	38	23	64	42	123	99	99
	1	44		2	51	113		2	115	115								
	2	44	3	32	111	173	2	31	197	197			1	1	3	5	18	18
	3	44	1	34	89	154	4	35	191	191	3	10	5	18	18	60	78	78

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(16a)

City	Port Hedland	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40	2	37	109	191	2	37	191	191							5	5
	2	40	14	90	153	231	26	94	227	227	37	72	42	93	63	137	133	133
	3	40	8	78	125	210	38	94	216	216	48	121	63	151	88	208	146	146
	1	42	1	17	97	167	1	17	169	169								
	2	42	10	79	140	223	13	80	214	214	9	19	16	29	30	67	93	93
	3	42	5	65	119	203	19	74	210	210	27	73	38	97	59	147	127	127
	1	44	1	10	79	138	1	10	141	140								
	2	44	6	62	127	211	6	62	207	207	3	4	3	4	6	16	44	44
	3	44	4	56	111	190	11	59	202	202	15	33	15	45	27	86	102	102
1997	1	40	3	20	83	156	3	20	181	181								
	2	40	7	60	124	192	11	62	212	212	28	49	39	69	63	115	117	117
	3	40	6	46	100	176	25	67	205	205	55	110	63	137	84	190	136	136
	1	42	2	9	64	132	2	9	144	144								
	2	42	6	46	115	181	5	46	205	205	3	8	7	13	16	38	79	79
	3	42	5	37	93	169	9	42	202	202	30	51	41	78	56	135	117	117
	1	44		5	45	114		5	109	109								
	2	44	4	34	107	172	4	34	196	196		1		2	1	6	26	26
	3	44	4	28	88	162	5	29	194	194	6	16	16	33	28	66	94	94
1998	1	40	4	29	118	199	4	29	199	199						1	9	9
	2	40	10	92	155	235	25	94	239	239	32	62	41	88	54	133	124	124
	3	40	9	72	124	211	38	86	230	230	50	119	63	147	88	211	157	157
	1	42	1	14	95	170	1	14	175	175								
	2	42	8	80	144	229	13	80	227	227	10	19	16	25	26	59	86	86
	3	42	6	60	117	204	22	68	224	224	27	62	37	84	57	141	129	129
	1	44	1	8	79	144	1	8	146	143								
	2	44	6	63	136	215	6	63	218	218	4	5	5	8	8	14	41	41
	3	44	6	48	104	199	14	51	217	217	16	28	19	46	32	83	99	99
1999	1	40		14	58	135		14	148	148							6	6
	2	40	2	42	102	178	14	47	192	192	35	42	44	58	59	89	105	105
	3	40		33	73	162	31	57	185	185	53	83	67	104	84	170	126	126
	1	42		4	45	114		4	122	122								
	2	42	1	32	90	170	5	32	181	180	10	11	15	16	25	36	76	76
	3	42		25	70	153	16	34	178	178	31	40	43	60	59	100	105	105
	1	44		1	32	90		1	98	97								
	2	44		24	80	155		24	171	171			1	1	5	5	38	38
	3	44		22	64	144	4	22	171	171	15	18	22	27	33	51	85	85
2000	1	40	4	21	57	117	4	21	154	154							1	1
	2	40	11	40	87	158	18	45	192	192	20	40	26	51	46	86	110	110
	3	40	6	39	66	142	21	49	176	176	33	71	46	96	78	154	141	141
	1	42	3	18	46	98	3	18	123	123								
	2	42	7	35	80	147	8	36	181	181	5	11	8	17	12	34	68	68
	3	42	4	31	61	133	11	36	171	171	18	41	26	57	44	92	115	115
	1	44		6	35	79		6	86	85								
	2	44	4	30	70	138	4	30	173	173	1	3	1	4	3	9	23	23
	3	44	4	26	58	123	8	29	162	162	7	19	11	30	17	47	83	83
2001	1	40	1	17	62	132	1	17	133	133					1	1	3	3
	2	40	7	48	100	163	10	48	181	181	16	31	21	41	35	80	81	81
	3	40	2	32	68	135	14	40	176	176	30	62	40	91	56	135	97	97
	1	42		8	54	110		8	109	109								
	2	42	6	33	85	155	7	31	171	171	5	8	6	12	9	25	57	57
	3	42	1	28	61	128	5	28	171	171	12	28	19	39	34	88	77	77
	1	44		3	31	85		3	86	86								
	2	44	3	23	73	144	4	23	158	158	1	1	2	3	3	6	15	15
	3	44	1	18	55	119	3	19	155	155	4	13	10	22	15	37	60	60

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1990	1	40			23	68			39	75								
	2	40			50	112			112	136								
	3	40			32	81			99	116								
	1	42			7	38			7	38								
	2	42			40	104			92	123								
	3	42			26	76			91	108								
	1	44			2	21			2	21								
	2	44			30	87			66	101								
	3	44			22	74			71	92								
1991	1	40			5	41			29	55								
	2	40			35	87			110	122								
	3	40			20	66			100	106								
	1	42			2	24			6	27								
	2	42			22	83			92	113								
	3	42			13	63			84	97								
	1	44			1	7			1	7								
	2	44			15	64			64	92								
	3	44			7	58			68	85								
1992	1	40			4	36			24	44								
	2	40			20	78			74	90								
	3	40			15	58			67	73								
	1	42				18			4	18								
	2	42			17	67			60	77								
	3	42			9	55			54	62								
	1	44				5				5								
	2	44			13	56			48	66								
	3	44			8	50			50	60								
1993	1	40			5	43			30	56								
	2	40		1	26	90		1	98	111								
	3	40			15	59			87	90								
	1	42			1	24			5	26								
	2	42		1	22	86		1	79	101								
	3	42			13	54			81	85								
	1	44			1	7			1	7								
	2	44		1	10	74		1	60	87								
	3	44			9	50			60	72								
1994	1	40			13	57			37	69								
	2	40			37	115			117	142								
	3	40			24	89			105	113								
	1	42			7	34			11	35								
	2	42			34	109			95	130								
	3	42			20	78			95	101								
	1	44				16				16								
	2	44			26	89			76	112								
	3	44			18	72			86	97								
1995	1	40			2	22			17	32								
	2	40			9	67			69	85								
	3	40			10	46			63	70								
	1	42				7			3	9								
	2	42			6	58			49	73								
	3	42			4	41			50	62								
	1	44				2				2								
	2	44			3	45			35	58								
	3	44			4	37			38	53								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1996	1	40			10	50			31	61								
	2	40		1	29	92		1	103	114								
	3	40		1	25	65		1	91	92								
	1	42			4	22			9	26								
	2	42		1	20	83		1	86	103								
	3	42			14	63			82	88								
	1	44			1	14			1	14								
	2	44			15	77			70	97								
	3	44			10	59			69	81								
1997	1	40			6	28			19	37								
	2	40		1	15	61		1	69	81								
	3	40			13	38			62	65								
	1	42			3	13			4	13								
	2	42			11	54			53	71								
	3	42			10	35			55	60								
	1	44			2	5			2	5								
	2	44			7	42			37	57								
	3	44			8	30			47	53								
1998	1	40			8	49			37	62								
	2	40		1	24	92		1	99	116								
	3	40			18	63			90	97								
	1	42			4	20			15	29								
	2	42		1	17	88		1	77	99								
	3	42			14	57			75	84								
	1	44			1	10			1	10								
	2	44		1	12	73		1	62	87								
	3	44			11	51			66	75								
1999	1	40			1	19			19	29								
	2	40			9	41			57	65								
	3	40			7	25			52	56								
	1	42				7			9	12								
	2	42			4	39			48	57								
	3	42			5	24			46	49								
	1	44				2				2								
	2	44			2	27			38	44								
	3	44			2	22			36	39								
2000	1	40			6	23			16	29								
	2	40			19	42			51	60								
	3	40			14	31			42	47								
	1	42			4	19			5	20								
	2	42			19	40			45	56								
	3	42			12	31			39	45								
	1	44			3	11			3	11								
	2	44			13	32			34	42								
	3	44			11	29			35	40								
2001	1	40			3	19			13	25								
	2	40			14	48			52	62								
	3	40			13	27			37	41								
	1	42			1	12			4	14								
	2	42			11	43			39	53								
	3	42			9	25			28	31								
	1	44				5			1	5								
	2	44			7	30			32	40								
	3	44			6	20			24	27								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1990	1	40			26	104			41	31								
	2	40		3	70	139		3	117	111								
	3	40		4	43	111		4	102	99								
	1	42			14	71			14	4								
	2	42		1	49	128		1	95	89								
	3	42		2	38	103		2	92	89								
	1	44			3	41			3									
	2	44		1	40	117		1	71	60								
	3	44			28	94			73	69								
1991	1	40			9	83			32	27								
	2	40		1	41	107		1	110	108								
	3	40			33	88			101	100								
	1	42			3	50			7	6								
	2	42			35	98			92	89								
	3	42			25	77			87	84								
	1	44			1	33			1									
	2	44			21	93			68	62								
	3	44			17	72			71	67								
1992	1	40			7	67			26	24								
	2	40			32	96			77	74								
	3	40			22	75			67	67								
	1	42			2	45			4	4								
	2	42			21	88			61	59								
	3	42			19	71			54	54								
	1	44				20												
	2	44			17	83			48	45								
	3	44			11	70			51	50								
1993	1	40		1	7	86		1	32	26								
	2	40		1	40	110		1	98	98								
	3	40			24	85			87	87								
	1	42			4	54			8	5								
	2	42		1	26	98		1	80	77								
	3	42			17	79			81	80								
	1	44			1	25			1									
	2	44		1	22	91		1	65	59								
	3	44			15	73			62	59								
1994	1	40			18	109			40	32								
	2	40		2	51	145		2	119	117								
	3	40			36	118			105	105								
	1	42			12	67			14	6								
	2	42			37	130			96	93								
	3	42			29	106			95	95								
	1	44			2	34			2									
	2	44			34	121			80	70								
	3	44			23	99			86	86								
1995	1	40			2	58			17	16								
	2	40			19	96			70	69								
	3	40			17	68			64	62								
	1	42			2	30			5	3								
	2	42			10	81			49	48								
	3	42			13	61			52	47								
	1	44				9												
	2	44			6	75			36	34								
	3	44			7	55			41	37								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1996	1	40		1	14	83		1	33	27								
	2	40		1	46	113		1	104	100								
	3	40		1	36	85		1	92	88								
	1	42			6	58			11	5								
	2	42		1	31	105		1	89	85								
	3	42		1	27	79		1	83	82								
	1	44			1	29			1									
	2	44		1	20	97		1	72	68								
	3	44		1	17	74		1	70	69								
1997	1	40			6	54			19	16								
	2	40		2	22	88		2	69	69								
	3	40			20	61			62	62								
	1	42			4	33			5	1								
	2	42		2	15	76		2	55	53								
	3	42			17	51			56	55								
	1	44			2	15			2									
	2	44		1	11	64		1	38	37								
	3	44			12	47			47	45								
1998	1	40		1	10	88		1	37	35								
	2	40		1	40	118		1	102	99								
	3	40			30	86			93	90								
	1	42		1	5	58		1	15	12								
	2	42		1	26	108		1	77	77								
	3	42			25	78			78	75								
	1	44			2	24			2									
	2	44		1	17	96		1	65	62								
	3	44			15	72			66	66								
1999	1	40			2	39			19	19								
	2	40			18	62			59	56								
	3	40			13	47			53	52								
	1	42				22			9	9								
	2	42			9	53			48	47								
	3	42			9	40			46	46								
	1	44				9												
	2	44			4	47			39	38								
	3	44			5	31			36	36								
2000	1	40			11	40			20	16								
	2	40		3	22	57		3	51	51								
	3	40		1	20	43		1	44	42								
	1	42			4	29			5	1								
	2	42		3	20	53		3	45	42								
	3	42			18	37			41	38								
	1	44			3	19			3									
	2	44		1	19	48		1	36	30								
	3	44			13	36			35	33								
2001	1	40			5	43			14	12								
	2	40			19	62			52	52								
	3	40			16	36			37	37								
	1	42			3	21			6	3								
	2	42			13	59			40	39								
	3	42			14	33			28	28								
	1	44			1	13			2	1								
	2	44			11	52			33	31								
	3	44			12	31			24	24								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.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.
1990	1	40		2	64	122		2	130	148								
	2	40	1	13	112	164	1	13	183	192								
	3	40		9	77	138		9	178	187								
	1	42			36	100			85	119								
	2	42		7	99	152		7	173	182								
	3	42		7	74	127		7	171	177								
	1	44			23	68			40	76								
	2	44		6	82	139		6	163	172								
	3	44		6	69	120		6	157	164								
1991	1	40		1	39	93		1	127	134								
	2	40		3	88	130		3	169	174								
	3	40			65	105			160	162								
	1	42			19	76			82	109								
	2	42		2	74	117		2	161	164								
	3	42			60	99			154	155								
	1	44			5	41			31	57								
	2	44		1	55	105		1	154	155								
	3	44			59	93			145	147								
1992	1	40			26	84			86	100								
	2	40		2	70	109		2	143	150								
	3	40		1	56	86		1	132	137								
	1	42			17	65			55	75								
	2	42		2	61	104		2	130	137								
	3	42		1	47	81		1	126	130								
	1	44			4	36			26	45								
	2	44			52	94			109	117								
	3	44		1	41	78		1	111	115								
1993	1	40		1	37	93		1	107	116								
	2	40	1	4	90	131	1	4	162	168								
	3	40		4	58	105		4	145	148								
	1	42		1	14	82		1	72	96								
	2	42	1	3	79	115	1	3	154	160								
	3	42		2	54	100		2	143	144								
	1	44		1	5	43		1	31	56								
	2	44	1	1	59	107	1	1	136	141								
	3	44		1	50	94		1	132	138								
1994	1	40			49	122			133	149								
	2	40		10	112	162		10	178	189								
	3	40		3	80	135		3	169	172								
	1	42			29	104			89	126								
	2	42		9	98	153		9	162	174								
	3	42		2	74	128		2	163	168								
	1	44			14	58			40	72								
	2	44		2	69	139		2	152	165								
	3	44		2	68	120		2	154	159								
1995	1	40			18	76			86	98								
	2	40		2	60	112		2	143	150								
	3	40		1	41	84		1	125	128								
	1	42			6	57			45	70								
	2	42		1	51	106		1	131	138								
	3	42			34	79			119	121								
	1	44			2	22			17	32								
	2	44			31	90			115	121								
	3	44			34	75			106	109								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.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.
1996	1	40		1	38	98		1	117	128								
	2	40	1	7	84	131	1	7	169	176								
	3	40	1	2	63	106	1	2	152	158								
	1	42		1	17	82		1	80	101								
	2	42	1	4	79	120	1	4	153	161								
	3	42	1	2	58	96	1	2	148	154								
	1	44			10	50			33	63								
	2	44	1	2	62	109	1	2	140	147								
	3	44		2	54	90		2	139	144								
1997	1	40		2	20	65		2	81	91								
	2	40	1	4	56	109	1	4	141	153								
	3	40		3	35	82		3	133	139								
	1	42		1	9	51		1	45	66								
	2	42		3	46	101		3	125	137								
	3	42		3	29	74		3	120	126								
	1	44			6	28			23	39								
	2	44		3	33	81		3	109	121								
	3	44		3	27	65		3	110	115								
1998	1	40	1	1	30	96	1	1	119	130								
	2	40	1	6	89	136	1	6	171	178								
	3	40		5	58	102		5	160	161								
	1	42		1	14	83		1	73	98								
	2	42	1	5	79	126	1	5	158	164								
	3	42		5	49	95		5	151	151								
	1	44		1	8	49		1	40	63								
	2	44	1	4	62	116	1	4	145	155								
	3	44		4	44	91		4	144	146								
1999	1	40			14	48			68	78								
	2	40			39	83			117	126								
	3	40			25	62			110	114								
	1	42			4	35			48	55								
	2	42			32	66			107	113								
	3	42			23	54			101	104								
	1	44			1	19			21	31								
	2	44			24	56			97	100								
	3	44			21	51			91	96								
2000	1	40		3	21	48		3	65	73								
	2	40	1	4	40	71	1	4	120	124								
	3	40		4	31	55		4	105	109								
	1	42			18	36			41	49								
	2	42		4	35	63		4	103	109								
	3	42		2	28	49		2	95	98								
	1	44			6	23			17	30								
	2	44		4	30	57		4	85	92								
	3	44		1	24	44		1	84	86								
2001	1	40			19	54			62	73								
	2	40		3	46	76		3	105	110								
	3	40			25	49			92	94								
	1	42			8	38			35	49								
	2	42		1	31	67		1	90	98								
	3	42			20	45			84	86								
	1	44			3	19			18	28								
	2	44		1	24	61		1	86	91								
	3	44			18	41			78	82								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1990	1	40		7	78	151		7	132	129								
	2	40	1	28	122	192	1	28	184	183								
	3	40	2	20	87	175	2	20	178	178								
	1	42		3	46	126		3	89	81								
	2	42	1	22	111	184	1	22	173	173								
	3	42		19	80	164		19	171	171								
	1	44		1	26	104		1	42	32								
	2	44		18	99	175		18	164	163								
	3	44		13	75	158		13	157	157								
1991	1	40		2	45	116		2	127	127								
	2	40		17	95	166		17	169	169								
	3	40		6	69	148		6	160	160								
	1	42		1	29	97		1	86	79								
	2	42		9	85	155		9	161	161								
	3	42		4	68	132		4	154	154								
	1	44			10	83			34	29								
	2	44		5	71	140		5	154	154								
	3	44		3	62	120		3	145	145								
1992	1	40		2	38	104		2	87	86								
	2	40		16	82	132		16	143	143								
	3	40		6	64	122		6	132	132								
	1	42			20	88			55	54								
	2	42		8	72	125		8	130	130								
	3	42		5	60	105		5	126	126								
	1	44			9	68			28	26								
	2	44		2	60	116		2	110	107								
	3	44		2	52	99		2	112	111								
1993	1	40	1	3	48	115	1	3	108	107								
	2	40	1	14	93	152	1	14	162	162								
	3	40		9	66	128		9	145	145								
	1	42		1	24	95		1	74	71								
	2	42	1	8	90	145	1	8	155	154								
	3	42		9	57	120		9	143	143								
	1	44		1	8	87		1	33	30								
	2	44	1	5	79	136	1	5	136	136								
	3	44		6	54	113		6	132	132								
1994	1	40		9	62	153		9	134	132								
	2	40		26	121	187		26	178	178								
	3	40		18	91	165		18	169	169								
	1	42		2	36	125		2	90	85								
	2	42		18	113	179		18	164	162								
	3	42		10	86	158		10	163	163								
	1	44			21	111			44	35								
	2	44		11	98	172		11	156	152								
	3	44		6	77	149		6	154	154								
1995	1	40		1	24	106		1	87	86								
	2	40		6	72	135		6	143	143								
	3	40		4	51	111		4	125	125								
	1	42			7	80			45	44								
	2	42		3	60	127		3	131	131								
	3	42		3	44	100		3	119	119								
	1	44			3	60			18	16								
	2	44		2	51	113		2	115	115								
	3	44		2	39	95		2	106	106								

APPENDIX - 15
(Predicted dangerous days - 1990 - 2001)

Table - 15(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.
1996	1	40		4	51	120		4	118	115								
	2	40	1	17	97	166	1	17	169	169								
	3	40	1	10	68	138	1	10	152	152								
	1	42		1	25	103		1	82	79								
	2	42	1	14	84	150	1	14	153	153								
	3	42	1	8	64	126	1	8	148	148								
	1	44		1	14	84		1	35	29								
	2	44	1	10	79	138	1	10	141	140								
	3	44	1	8	61	119	1	8	139	139								
1997	1	40		3	29	100		3	82	81								
	2	40	2	9	64	132	2	9	141	141								
	3	40		7	39	115		7	133	133								
	1	42		2	15	73		2	48	45								
	2	42	1	5	57	124	1	5	125	125								
	3	42		5	38	104		5	120	120								
	1	44		1	6	55		1	23	20								
	2	44		5	45	114		5	109	109								
	3	44		5	33	95		5	110	110								
1998	1	40	1	5	52	126	1	5	122	119								
	2	40	1	14	95	167	1	14	171	171								
	3	40		10	65	139		10	160	160								
	1	42		1	24	104		1	73	72								
	2	42	1	10	89	154	1	10	158	158								
	3	42		9	60	124		9	151	151								
	1	44		1	10	89		1	40	38								
	2	44	1	8	79	144	1	8	146	143								
	3	44		6	53	119		6	144	144								
1999	1	40			20	66			70	67								
	2	40		4	45	112		4	117	117								
	3	40		2	28	90		2	110	110								
	1	42			7	51			48	47								
	2	42		2	39	101		2	107	107								
	3	42			25	77			101	101								
	1	44			2	39			21	21								
	2	44		1	32	90		1	98	97								
	3	44			23	70			91	91								
2000	1	40		4	25	63		4	66	65								
	2	40	3	18	46	96	3	18	120	120								
	3	40		10	32	77		10	105	105								
	1	42		3	19	52		3	41	37								
	2	42	1	11	40	86	1	11	104	103								
	3	42		7	31	69		7	95	95								
	1	44		1	11	40		1	21	17								
	2	44		6	35	79		6	86	85								
	3	44		5	29	63		5	84	84								
2001	1	40		1	21	67		1	62	62								
	2	40		8	54	107		8	105	105								
	3	40		6	30	77		6	92	92								
	1	42			13	57			36	35								
	2	42		5	47	98		5	91	90								
	3	42		3	28	69		3	84	84								
	1	44			5	44			19	17								
	2	44		3	31	85		3	86	86								
	3	44		1	22	61		1	78	78								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	2			2	2								
	2	40			2	4			3	4								
	3	40			2	2			2	2								
	1	42			1	2			1	2								
	2	42			2	4			3	4								
	3	42			1	2			2	2								
	1	44				2				2								
	2	44			2	4			2	4								
	3	44			1	2			2	2								
1991	1	40			1	1			1	1								
	2	40			1	3			4	4								
	3	40			1	2			2	2								
	1	42				1				1								
	2	42			1	2			2	3								
	3	42			1	1			2	2								
	1	44				1				1								
	2	44			1	1			1	1								
	3	44			1	1			2	2								
1992	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40				2			1	2								
	2	40			1	4			5	5								
	3	40				1			2	2								
	1	42				1				1								
	2	42			1	2			3	3								
	3	42				1			1	1								
	1	44				1				1								
	2	44			1	2			2	2								
	3	44				1			1	1								
1994	1	40				2			1	2								
	2	40			2	5			3	5								
	3	40			1	2			1	2								
	1	42				1				1								
	2	42			1	3			2	3								
	3	42			1	1			1	1								
	1	44				1				1								
	2	44			1	2			1	2								
	3	44			1	1			1	1								
1995	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1				1								
	2	40			1	3			2	3								
	3	40							1	1								
	1	42																
	2	42				2			1	2								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1998	1	40																
	2	40				1			1	1								
	3	40				1			1	1								
	1	42																
	2	42				1			1	1								
	3	42				1			1	1								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40																
	2	40				3			2	3								
	3	40				2			1	2								
	1	42																
	2	42				3			1	3								
	3	42				1			1	1								
	1	44																
	2	44				1			1	2								
	3	44				1			1	1								
2001	1	40																
	2	40							1	1								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42							1	1								
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			2	1								
	2	40			2	5			3	3								
	3	40			2	3			2	2								
	1	42			2	2			2									
	2	42			2	4			3	3								
	3	42			2	2			2	2								
	1	44				2												
	2	44			2	4			2	2								
	3	44			1	2			2	2								
1991	1	40			1	2			1	1								
	2	40			1	6			4	4								
	3	40			1	4			2	2								
	1	42			1	1			1									
	2	42			1	6			2	2								
	3	42			1	3			2	2								
	1	44				1												
	2	44			1	3			1	1								
	3	44			1	2			2	2								
1992	1	40																
	2	40				2												
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40			1	2			1	1								
	2	40			1	5			5	5								
	3	40				3			2	2								
	1	42				2												
	2	42			1	5			3	3								
	3	42				3			1	1								
	1	44				1												
	2	44			1	4			2	2								
	3	44				3			1	1								
1994	1	40			1	3			1	1								
	2	40			2	6			3	3								
	3	40			1	2			1	1								
	1	42				2												
	2	42			2	6			3	2								
	3	42			1	2			1	1								
	1	44				2												
	2	44			1	6			1	1								
	3	44			1	2			1	1								
1995	1	40				1												
	2	40				2			1	1								
	3	40				1												
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44				2												
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				2												
	2	40			1	4			2	1								
	3	40				1			1	1								
	1	42				1												
	2	42			1	4			2	1								
	3	42				1												
	1	44				1												
	2	44				4												
	3	44				1												
1998	1	40				1												
	2	40				3			1	1								
	3	40				2			1	1								
	1	42																
	2	42				2			1	1								
	3	42				2			1	1								
	1	44																
	2	44				1			1	1								
	3	44				2			1	1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				3												
	2	40				6			2	2								
	3	40				3			1	1								
	1	42				1												
	2	42				5			1	1								
	3	42				3			1	1								
	1	44																
	2	44				3			1	1								
	3	44				2			1	1								
2001	1	40																
	2	40				1			1	1								
	3	40				1			1	1								
	1	42																
	2	42							1	1								
	3	42							1	1								
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			3	4								
	2	40			3	5			4	5								
	3	40			2	3			2	3								
	1	42			2	2			2	2								
	2	42			2	4			4	4								
	3	42			2	2			2	2								
	1	44			1	2			1	2								
	2	44			2	4			4	4								
	3	44			2	2			2	2								
1991	1	40			1	3			2	3								
	2	40			2	6			6	6								
	3	40			1	4			3	4								
	1	42			1	1			1	1								
	2	42			2	6			5	6								
	3	42			1	4			3	3								
	1	44			1	1			1	1								
	2	44			2	4			5	5								
	3	44			1	3			3	3								
1992	1	40																
	2	40				2			2	2								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44							1	1								
	3	44																
1993	1	40			1	2			3	3								
	2	40			2	5			6	6								
	3	40			1	3			3	3								
	1	42			1	2			1	2								
	2	42			2	5			5	5								
	3	42			1	3			3	3								
	1	44				1			1	1								
	2	44			1	4			5	5								
	3	44			1	3			3	3								
1994	1	40			1	3			2	3								
	2	40			3	7			5	6								
	3	40			1	2			2	2								
	1	42			1	2			1	2								
	2	42			3	7			4	6								
	3	42			1	2			2	2								
	1	44				2				2								
	2	44			3	7			3	6								
	3	44			1	2			1	2								
1995	1	40				1				1								
	2	40				2			2	2								
	3	40				1			1	1								
	1	42																
	2	42				2			1	2								
	3	42																
	1	44																
	2	44				2			1	2								
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				2			1	2								
	2	40			1	4			5	5								
	3	40				1			2	2								
	1	42				1				1								
	2	42			1	4			5	5								
	3	42				1			2	2								
	1	44				1				1								
	2	44			1	4			4	5								
	3	44				1			2	2								
1998	1	40				1			1	1								
	2	40				3			1	3								
	3	40			1	2			2	2								
	1	42																
	2	42				2			1	2								
	3	42				2			1	2								
	1	44																
	2	44				1			1	1								
	3	44				2			1	2								
1999	1	40																
	2	40							1	1								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				3			1	3								
	2	40			1	6			6	7								
	3	40				3			3	3								
	1	42				1				1								
	2	42				5			5	6								
	3	42				3			3	3								
	1	44																
	2	44				3			3	4								
	3	44				2			2	2								
2001	1	40							1	1								
	2	40				1			2	2								
	3	40				1			1	1								
	1	42																
	2	42							2	2								
	3	42							1	1								
	1	44																
	2	44							1	1								
	3	44							1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			3	3								
	2	40		2	4	5		2	4	4								
	3	40			2	3			2	2								
	1	42			2	4			2	1								
	2	42		2	4	5		2	4	4								
	3	42			2	3			2	2								
	1	44			2	3			2									
	2	44		1	2	5		1	4	4								
	3	44			2	3			2	2								
1991	1	40			1	6			2	2								
	2	40		1	2	8		1	6	6								
	3	40			1	4			3	3								
	1	42			1	3			1	1								
	2	42		1	2	8		1	5	5								
	3	42			1	4			3	3								
	1	44			1	1			1									
	2	44			2	6			5	5								
	3	44			1	4			3	3								
1992	1	40																
	2	40				2			2	2								
	3	40																
	1	42																
	2	42				2			1	1								
	3	42																
	1	44																
	2	44				2			1	1								
	3	44																
1993	1	40			1	5			3	3								
	2	40			2	6			6	6								
	3	40			1	3			3	3								
	1	42			1	3			1	1								
	2	42			2	6			5	5								
	3	42			1	3			3	3								
	1	44				2			1	1								
	2	44			2	5			5	5								
	3	44			1	3			3	3								
1994	1	40			2	6			3	2								
	2	40			3	7			5	5								
	3	40		1	1	2		1	2	2								
	1	42			1	4			1	1								
	2	42			3	7			4	4								
	3	42			1	2			2	2								
	1	44				2												
	2	44			3	7			3	3								
	3	44			1	2			1	1								
1995	1	40				2												
	2	40			1	2			2	2								
	3	40				2			1	1								
	1	42				1												
	2	42				2			1	1								
	3	42				1												
	1	44																
	2	44				2			1	1								
	3	44				1												

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40				3												
	3	40																
	1	42																
	2	42				1												
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40			1	4			2	1								
	2	40			1	6			5	5								
	3	40				1			2	2								
	1	42				3												
	2	42			1	6			5	5								
	3	42				1			2	2								
	1	44				1												
	2	44			1	5			4	4								
	3	44				1			2	2								
1998	1	40				2			1	1								
	2	40			1	5			1	1								
	3	40			1	2			2	2								
	1	42				1												
	2	42			1	4			1	1								
	3	42			1	2			1	1								
	1	44																
	2	44				3			1	1								
	3	44				2			1	1								
1999	1	40																
	2	40							1	1								
	3	40				1												
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				5			1	1								
	2	40			3	8			6	6								
	3	40			1	3			3	3								
	1	42				3												
	2	42			1	8			5	5								
	3	42			1	3			3	3								
	1	44				1												
	2	44				7			3	3								
	3	44				3			2	2								
2001	1	40							1	1								
	2	40				2			2	2								
	3	40				1			1	1								
	1	42																
	2	42				1			2	2								
	3	42				1			1	1								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(3)

City	Sydney	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	4			3	4								
	2	40			4	5			4	5								
	3	40			2	3			3	3								
	1	42			2	2			2	2								
	2	42			2	4			4	4								
	3	42			2	3			2	3								
	1	44			2	2			2	2								
	2	44			2	4			4	4								
	3	44			2	2			2	2								
1991	1	40			1	3			3	4								
	2	40			2	6			6	6								
	3	40			1	4			3	4								
	1	42			1	1			1	1								
	2	42			2	6			6	6								
	3	42			1	4			3	4								
	1	44			1	1			1	1								
	2	44			2	4			5	5								
	3	44			1	3			3	3								
1992	1	40																
	2	40				2			2	2								
	3	40																
	1	42																
	2	42							2	2								
	3	42																
	1	44																
	2	44							1	1								
	3	44																
1993	1	40			1	3			5	5								
	2	40			2	5			6	6								
	3	40			1	3			3	3								
	1	42			1	2			1	2								
	2	42			2	5			5	5								
	3	42			1	3			3	3								
	1	44				1			1	1								
	2	44			1	4			5	5								
	3	44			1	3			3	3								
1994	1	40			1	3			2	3								
	2	40			3	7			6	6								
	3	40			1	2			2	2								
	1	42			1	2			1	2								
	2	42			3	7			4	6								
	3	42			1	2			2	2								
	1	44				2				2								
	2	44			3	7			3	6								
	3	44			1	2			1	2								
1995	1	40				1				1								
	2	40				2			2	2								
	3	40				1			1	1								
	1	42																
	2	42				2			2	2								
	3	42				1			1	1								
	1	44																
	2	44				2			1	2								
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(3)

City	Sydney	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				3			1	3								
	2	40			1	4			5	5								
	3	40				1			2	2								
	1	42				1				1								
	2	42			1	4			5	5								
	3	42				1			2	2								
	1	44				1				1								
	2	44			1	4			5	5								
	3	44				1			2	2								
1998	1	40				1			1	1								
	2	40			1	3			2	3								
	3	40			1	2			3	3								
	1	42																
	2	42				2			1	2								
	3	42				2			2	2								
	1	44																
	2	44				1			1	1								
	3	44				2			1	2								
1999	1	40																
	2	40							1	1								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				3			2	3								
	2	40			1	6			6	7								
	3	40			1	3			3	3								
	1	42				1				1								
	2	42			1	5			5	6								
	3	42				3			3	3								
	1	44																
	2	44				4			4	5								
	3	44				3			3	3								
2001	1	40							1	1								
	2	40				1			2	2								
	3	40				1			1	1								
	1	42																
	2	42				1			2	2								
	3	42							1	1								
	1	44																
	2	44							1	1								
	3	44							1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(3a)

City	Sydney	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	4			3	3								
	2	40		2	4	5		2	4	4								
	3	40			2	3			3	3								
	1	42			2	4			2	1								
	2	42		2	4	5		2	4	4								
	3	42			2	3			2	2								
	1	44			2	4			2									
	2	44		1	2	5		1	4	4								
	3	44			2	3			2	2								
1991	1	40			1	6			3	3								
	2	40		1	4	8		1	6	6								
	3	40			1	4			3	3								
	1	42			1	3			1	1								
	2	42		1	2	8		1	6	6								
	3	42			1	4			3	3								
	1	44			1	1			1									
	2	44			2	7			5	5								
	3	44			1	4			3	3								
1992	1	40																
	2	40				2			2	2								
	3	40																
	1	42																
	2	42				2			2	2								
	3	42																
	1	44																
	2	44				2			1	1								
	3	44																
1993	1	40			1	5			5	5								
	2	40			2	6			6	6								
	3	40			1	3			3	3								
	1	42			1	4			1	1								
	2	42			2	6			5	5								
	3	42			1	3			3	3								
	1	44				2			1	1								
	2	44			2	5			5	5								
	3	44			1	3			3	3								
1994	1	40			2	6			3	2								
	2	40			4	7			6	6								
	3	40		1	1	2		1	2	2								
	1	42			1	5			1	1								
	2	42			3	7			4	4								
	3	42			1	2			2	2								
	1	44				2												
	2	44			3	7			3	3								
	3	44			1	2			1	1								
1995	1	40				2												
	2	40			1	2			2	2								
	3	40				2			1	1								
	1	42				1												
	2	42				2			2	2								
	3	42				1			1	1								
	1	44																
	2	44				2			1	1								
	3	44				1												

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(3a)

City	Sydney	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40																
	2	40				3												
	3	40																
	1	42																
	2	42				1												
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40			1	4			2	1								
	2	40			2	6			5	5								
	3	40				2			2	2								
	1	42				3												
	2	42			1	6			5	5								
	3	42				1			2	2								
	1	44				1												
	2	44			1	6			5	5								
	3	44				1			2	2								
1998	1	40				2			1	1								
	2	40			1	5			2	2								
	3	40			1	2			3	3								
	1	42				1												
	2	42			1	4			1	1								
	3	42			1	2			2	2								
	1	44				1												
	2	44				3			1	1								
	3	44			1	2			1	1								
1999	1	40																
	2	40				1			1	1								
	3	40				1												
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				5			2	2								
	2	40			3	8			6	6								
	3	40			1	3			3	3								
	1	42				3												
	2	42			2	8			5	5								
	3	42			1	3			3	3								
	1	44				1												
	2	44			1	7			4	4								
	3	44				3			3	3								
2001	1	40				1			1	1								
	2	40				2			2	2								
	3	40				1			1	1								
	1	42																
	2	42				1			2	2								
	3	42				1			1	1								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(4)

City	Sydney	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		2	6	6		2	8	8								
	2	40	7	7	7	9	2	2	11	13						2	3	4
	3	40	1	3	3	5		2	8	8				1		2	7	9
	1	42		2	4	5		2	5	5								
	2	42	4	4	7	9	2	2	9	11							2	2
	3	42	1	3	3	5		2	7	8						1	2	3
	1	44		1	4	5		1	5	5								
	2	44	1	2	7	8	1	2	8	9							1	1
	3	44	1	3	3	5		2	7	8							2	2
1991	1	40		1	6	9		1	12	12								
	2	40	3	3	8	14	1	1	16	17					1	1	6	6
	3	40		1	4	5	1	1	13	13			1	1	4	4	13	15
	1	42		1	4	8		1	8	9								
	2	42	2	2	8	12	1	1	14	16							3	3
	3	42		1	4	4		1	10	10					1	1	6	6
	1	44			2	6			6	6								
	2	44		1	8	9		1	13	13							1	1
	3	44		1	4	4		1	7	7							3	3
1992	1	40			2	2			3	3								
	2	40	1	1	2	2			5	5							4	4
	3	40				1			4	4			2	2	4	4	5	5
	1	42				2			2	2								
	2	42	1	1	2	2			5	5							1	1
	3	42							4	4							2	2
	1	44				2			2	2								
	2	44			2	2			5	5								
	3	44							2	2							1	1
1993	1	40		1	7	9		1	11	11							1	1
	2	40	5	6	8	14	1	2	16	16					2	2	9	9
	3	40	2	3	3	5		1	10	10	1	1	2	2	4	4	9	10
	1	42			6	7			8	9								
	2	42	1	2	8	13		1	15	15					1	1	6	6
	3	42	2	2	3	5			8	8			1	1	2	2	6	6
	1	44			2	5			6	6								
	2	44		1	8	11		1	12	13							1	1
	3	44	1	1	3	5			7	7							4	4
1994	1	40		1	8	9		1	9	9								
	2	40	2	4	9	11		2	11	12					1	1	2	3
	3	40	1	1	2	2	1	1	4	4		1		1	1	1	4	6
	1	42			6	7			8	9								
	2	42		2	8	11		2	10	12							1	1
	3	42	1	1	2	2	1	1	3	3					1	1	1	3
	1	44			3	7			6	6								
	2	44		2	8	10		2	9	9							1	1
	3	44		1	2	2		1	2	2							1	1
1995	1	40			2	3			4	4								
	2	40			2	5			8	8								1
	3	40			2	3			4	4							1	4
	1	42			1	2			3	3								
	2	42			2	5			7	7								
	3	42			2	3			4	4								1
	1	44			1	2			2	2								
	2	44			2	5			7	7								
	3	44			1	3			4	4								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(4)

City	Sydney	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40				5			6	6								
	2	40			3	5			9	9								
	3	40				2			4	4							2	5
	1	42				3			2	4								
	2	42			3	5			7	7								
	3	42				1			4	4								
	1	44																
	2	44			1	5			6	6								
	3	44				1			3	3								
1997	1	40			4	6			7	7								
	2	40		1	6	9		1	17	17							2	3
	3	40			2	4			8	8					1	1	7	9
	1	42			3	6			6	6								
	2	42		1	6	8		1	12	12							1	1
	3	42			1	4			6	6							2	2
	1	44			1	5			5	6								
	2	44			6	8			9	10								
	3	44			1	4			6	6							2	2
1998	1	40			3	8			12	12								
	2	40			5	13			21	22							4	4
	3	40			2	7			10	10					2	3	10	14
	1	42			1	5			6	6								
	2	42			4	12			18	19							2	2
	3	42			2	6			10	10							4	5
	1	44			1	3			3	3								
	2	44			3	9			16	17								
	3	44			2	5			10	10							1	2
1999	1	40				1			1	1								
	2	40			1	2			7	7							1	1
	3	40			1	1			2	2							2	4
	1	42							1	1								
	2	42				1			2	2								
	3	42			1	1			2	2								
	1	44							1	1								
	2	44				1			1	1								
	3	44				1			2	2								
2000	1	40			6	8			10	10								
	2	40		1	8	11		1	15	15							6	8
	3	40			3	4			11	11					1	1	8	8
	1	42			3	8			8	9								
	2	42			8	10			14	14							1	1
	3	42			3	4			9	9							5	6
	1	44			2	6			6	7								
	2	44			8	9			12	12								
	3	44			3	4			7	7								
2001	1	40			1	3			7	7								
	2	40			2	5			15	15					1	1	9	9
	3	40			1	3			9	10			2	2	7	7	14	15
	1	42				2			3	3								
	2	42			1	5			10	10							2	2
	3	42			1	3			9	10					2	2	9	9
	1	44				1			2	2								
	2	44			1	4			9	9							1	1
	3	44			1	2			7	7							4	4

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(4a)

City	Sydney	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40	1	2	6	9	1	2	8	8								
	2	40	7	11	7	12	2	6	11	11		4		5		7	3	3
	3	40	2	4	3	5	1	3	8	8		4		5		11	7	7
	1	42		2	4	5		2	5	5								
	2	42	4	6	7	11	2	4	9	9		2		2		4	2	2
	3	42	1	3	3	5		2	7	7		3		3		5	2	2
	1	44		2	4	5		2	5	5								
	2	44	2	3	7	9	2	3	8	8		1		2		2	1	1
	3	44	1	3	3	5		2	7	7		2		3		3	2	2
1991	1	40		1	6	12		1	12	12								
	2	40	3	8	9	16	1	7	16	16		6		7	1	14	6	6
	3	40	1	4	4	8	1	4	13	13		6	1	8	4	19	13	13
	1	42		1	5	9		1	8	8								
	2	42	2	5	8	16	1	4	14	14		1		1		6	3	3
	3	42		4	4	8		4	10	10		3		4	1	9	6	6
	1	44		1	4	8		1	6	6								
	2	44	1	1	8	15	1	1	13	13		1		1		1	1	1
	3	44		2	4	7		2	7	7		1		2		4	3	3
1992	1	40			2	2			3	3								
	2	40	1	1	2	2			5	5				2		2	4	4
	3	40				2			4	4			2	2	4	8	5	5
	1	42				2			2	2								
	2	42	1	1	2	2			5	5						2	1	1
	3	42				1			4	4							2	2
	1	44				2			2	2								
	2	44			2	2			5	5								
	3	44				1			2	2							1	1
1993	1	40		1	7	13		1	11	11							1	1
	2	40	5	9	9	19	1	6	16	16		5		6	2	10	9	9
	3	40	2	6	4	6		3	10	10	1	6	2	7	4	15	9	9
	1	42		1	6	8		1	8	8								
	2	42	2	6	8	17	1	5	15	15		1		2	1	5	6	6
	3	42	2	5	3	6		3	8	8		3	1	5	2	7	6	6
	1	44		1	2	6		1	6	6								
	2	44		2	8	15		2	12	12		1		1		1	1	1
	3	44	1	3	3	6		2	7	7		1		3		4	4	4
1994	1	40		2	8	11		2	9	9								
	2	40	3	8	9	12	1	8	11	11		6		6	1	9	2	2
	3	40	1	2	2	5	1	2	4	4		2		5	1	12	4	4
	1	42		1	7	8		1	8	8								
	2	42	1	3	9	11	1	3	10	10		2		2		6	1	1
	3	42	1	2	2	3	1	2	3	3		2		2	1	5	1	1
	1	44			4	8			6	6								
	2	44		2	8	11		2	9	9				1		2	1	1
	3	44	1	2	2	3	1	2	2	2		1		2		2	1	1
1995	1	40			2	5			4	4								
	2	40		2	3	6		2	8	8		2		2		5		
	3	40		1	2	3		1	4	4		3		3		7	1	1
	1	42			2	3			3	3								
	2	42		1	2	5		1	7	7						2		
	3	42			2	3			4	4		2		3		3		
	1	44			1	2			2	2								
	2	44			2	5			7	7								
	3	44			2	3			4	4				1		3		

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(4a)

City	Sydney	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40				5			6	6								
	2	40			5	7			9	9				4		6		
	3	40				3			4	4		2		3		8	2	2
	1	42				5			2	2								
	2	42			3	6			7	7						1		
	3	42				2			4	4				1		3		
	1	44				3												
	2	44			3	5			6	6								
	3	44				2			3	3						1		
1997	1	40		1	5	8		1	7	7								
	2	40		4	6	11		4	17	17		4		6		10	2	2
	3	40		1	3	4		1	8	8		4		7	1	14	7	7
	1	42			4	7			6	6								
	2	42		3	6	10		3	12	12		1		1		5	1	1
	3	42		1	3	4		1	6	6		2		3		7	2	2
	1	44			2	6			5	5								
	2	44		1	6	10		1	9	9						1		
	3	44		1	1	4		1	6	6				1		4	2	2
1998	1	40			3	12			12	12								
	2	40		2	8	19		2	21	21		2		4		14	4	4
	3	40		2	3	10		2	10	10		7		12	2	26	10	10
	1	42			1	8			6	6								
	2	42		1	5	18		1	18	18						2	2	2
	3	42		1	3	9		1	10	10		2		4		12	4	4
	1	44			1	5			3	3								
	2	44			4	15			16	16								
	3	44		1	2	9		1	10	10		1		2		5	1	1
1999	1	40				1			1	1								
	2	40			1	2			7	7						2	1	1
	3	40			1	2			2	2		2		3		13	2	2
	1	42				1			1	1								
	2	42			1	2			2	2								
	3	42			1	2			2	2				1		3		
	1	44				1			1	1								
	2	44				2			1	1								
	3	44			1	2			2	2						1		
2000	1	40			7	10			10	10								
	2	40		4	8	14		4	15	15		5		8		10	6	6
	3	40		3	3	9		3	11	11		4		10	1	24	8	8
	1	42			5	8			8	8								
	2	42		3	8	11		3	14	14				1		6	1	1
	3	42		2	3	7		2	9	9		3		3		10	5	5
	1	44			3	8			6	6								
	2	44		1	8	11		1	12	12								
	3	44		2	3	7		2	7	7		1		3		3		
2001	1	40			1	5			7	7								
	2	40			2	8			15	15				2	1	5	9	9
	3	40		1	1	5		1	9	9		4	2	6	7	18	14	14
	1	42				4			3	3								
	2	42			2	7			10	10						1	2	2
	3	42			1	5			9	9		1		2	2	7	9	9
	1	44				2			2	2								
	2	44			1	7			9	9							1	1
	3	44			1	4			7	7				1		2	4	4

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	2			2	2								
	2	40			2	4			3	4								
	3	40			1	2			2	2								
	1	42				2				2								
	2	42			2	4			2	4								
	3	42			1	2			2	2								
	1	44				2				2								
	2	44			2	2			2	2								
	3	44			1	2			2	2								
1991	1	40			1	1			1	1								
	2	40			1	3			2	3								
	3	40			1	1			2	2								
	1	42				1				1								
	2	42			1	1			1	1								
	3	42			1	1			2	2								
	1	44				1				1								
	2	44			1	1			1	1								
	3	44			1	1			1	1								
1992	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40				1			1	1								
	2	40			1	2			4	4								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	2			2	2								
	3	42				1			1	1								
	1	44																
	2	44			1	2			1	2								
	3	44				1			1	1								
1994	1	40				2				2								
	2	40			1	3			2	3								
	3	40			1	1			1	1								
	1	42				1				1								
	2	42			1	2			1	2								
	3	42			1	1			1	1								
	1	44																
	2	44			1	2			1	2								
	3	44			1	1			1	1								
1995	1	40																
	2	40				1				1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1				1								
	2	40				3			1	3								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1998	1	40																
	2	40				1			1	1								
	3	40				1			1	1								
	1	42																
	2	42				1			1	1								
	3	42				1			1	1								
	1	44																
	2	44																
	3	44				1				1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40																
	2	40				3			2	3								
	3	40				1			1	1								
	1	42																
	2	42				2			1	2								
	3	42				1			1	1								
	1	44																
	2	44				1				1								
	3	44				1				1								
2001	1	40																
	2	40							1	1								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			2									
	2	40			2	4			3	3								
	3	40			2	2			2	2								
	1	42			1	2			1									
	2	42			2	4			2	2								
	3	42			2	2			2	2								
	1	44				2												
	2	44			2	4			2	1								
	3	44			1	2			2	2								
1991	1	40			1	1			1	1								
	2	40			1	6			2	2								
	3	40			1	3			2	2								
	1	42				1												
	2	42			1	5			1	1								
	3	42			1	2			2	2								
	1	44				1												
	2	44			1	3			1	1								
	3	44			1	1			1	1								
1992	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40			1	2			1	1								
	2	40			1	5			4	4								
	3	40				3			1	1								
	1	42				2												
	2	42			1	4			2	2								
	3	42				3			1	1								
	1	44				1												
	2	44			1	4			1	1								
	3	44				3			1	1								
1994	1	40				2												
	2	40			2	6			3	2								
	3	40			1	2			1	1								
	1	42				2												
	2	42			1	6			1	1								
	3	42			1	2			1	1								
	1	44				1												
	2	44			1	5			1	1								
	3	44			1	2			1	1								
1995	1	40				1												
	2	40				2												
	3	40				1												
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44				1												
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1												
	2	40			1	4			2	1								
	3	40				1												
	1	42				1												
	2	42				4												
	3	42				1												
	1	44																
	2	44				3												
	3	44				1												
1998	1	40				1												
	2	40				2			1	1								
	3	40				2			1	1								
	1	42																
	2	42				1			1	1								
	3	42				2			1	1								
	1	44																
	2	44				1												
	3	44				1												
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				2												
	2	40				5			2	2								
	3	40				3			1	1								
	1	42																
	2	42				4			1	1								
	3	42				2			1	1								
	1	44																
	2	44				3												
	3	44				2												
2001	1	40																
	2	40				1			1	1								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			4	4								
	2	40		2	4	5		2	5	5								
	3	40			2	3			3	3								
	1	42			2	4			3	4								
	2	42		1	4	5		1	5	5								
	3	42			2	3			3	3								
	1	44			2	2			2	2								
	2	44			4	5			4	5								
	3	44			2	3			3	3								
1991	1	40			2	5			5	6								
	2	40		1	4	8		1	7	8								
	3	40			2	4			4	4								
	1	42			1	3			2	3								
	2	42			2	7			6	7								
	3	42			1	4			3	4								
	1	44			1	1			1	1								
	2	44			2	6			6	6								
	3	44			1	4			3	4								
1992	1	40							1	1								
	2	40				2			2	2								
	3	40																
	1	42																
	2	42				2			2	2								
	3	42																
	1	44																
	2	44				2			2	2								
	3	44																
1993	1	40			1	5			5	5								
	2	40			3	6			7	8								
	3	40			1	3			4	4								
	1	42			1	2			4	4								
	2	42			2	5			6	6								
	3	42			1	3			3	3								
	1	44			1	2			1	2								
	2	44			2	5			6	6								
	3	44			1	3			3	3								
1994	1	40			3	7			3	6								
	2	40			5	7			7	8								
	3	40			2	2			2	2								
	1	42			1	3			2	3								
	2	42			3	7			7	8								
	3	42			1	2			2	2								
	1	44			1	2			1	2								
	2	44			3	7			5	6								
	3	44			1	2			2	2								
1995	1	40				2			1	2								
	2	40			1	2			3	3								
	3	40				1			2	2								
	1	42				1				1								
	2	42			1	2			2	2								
	3	42				1			2	2								
	1	44																
	2	44				2			2	2								
	3	44				1			1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40				1			2	3								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40			1	4			5	5								
	2	40			3	6			6	6								
	3	40				1			2	2								
	1	42				2			1	2								
	2	42			1	6			5	6								
	3	42				1			2	2								
	1	44				1				1								
	2	44			1	4			5	5								
	3	44				1			2	2								
1998	1	40				1			1	1								
	2	40			1	4			6	6								
	3	40			1	2			3	3								
	1	42				1			1	1								
	2	42			1	3			4	4								
	3	42			1	2			3	3								
	1	44																
	2	44			1	3			1	3								
	3	44			1	2			3	3								
1999	1	40																
	2	40							1	1								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44							1	1								
	3	44																
2000	1	40				4			4	5								
	2	40			3	8			7	8								
	3	40			2	3			3	3								
	1	42				3			1	3								
	2	42			3	8			7	8								
	3	42			1	3			3	3								
	1	44				1				1								
	2	44			1	6			6	7								
	3	44			1	3			3	3								
2001	1	40							1	1								
	2	40				1			3	3								
	3	40				1			3	3								
	1	42							1	1								
	2	42				1			2	2								
	3	42				1			2	2								
	1	44																
	2	44				1			2	2								
	3	44				1			2	2								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40		1	2	5		1	4	4								
	2	40		2	4	5		2	5	5								
	3	40		1	2	3		1	3	3								
	1	42			2	4			3	3								
	2	42		2	4	5		2	5	5								
	3	42		1	2	3		1	3	3								
	1	44			2	4			2	1								
	2	44		2	4	5		2	4	4								
	3	44			2	3			3	3								
1991	1	40			2	7			5	5								
	2	40		1	4	9		1	7	7								
	3	40		1	2	4		1	4	4								
	1	42			1	6			2	2								
	2	42		1	4	8		1	6	6								
	3	42			2	4			3	3								
	1	44			1	3			1	1								
	2	44		1	2	8		1	6	6								
	3	44			1	4			3	3								
1992	1	40				2			1	1								
	2	40				2			2	2								
	3	40																
	1	42																
	2	42				2			2	2								
	3	42																
	1	44																
	2	44				2			2	2								
	3	44																
1993	1	40			2	5			5	5								
	2	40		1	4	7		1	7	7								
	3	40			3	4			4	4								
	1	42			1	5			4	4								
	2	42		1	3	6		1	6	6								
	3	42			2	3			3	3								
	1	44			1	3			1	1								
	2	44			2	6			6	6								
	3	44			1	3			3	3								
1994	1	40			3	7			3	3								
	2	40		1	7	8		1	7	7								
	3	40		1	2	2		1	2	2								
	1	42			2	6			3	2								
	2	42		1	5	8		1	7	7								
	3	42		1	2	2		1	2	2								
	1	44			1	4			1	1								
	2	44			3	7			5	5								
	3	44		1	1	2		1	2	2								
1995	1	40				2			1	1								
	2	40			2	3			3	3								
	3	40				2			2	2								
	1	42				2												
	2	42			1	3			2	2								
	3	42				2			2	2								
	1	44				1												
	2	44			1	2			2	2								
	3	44				2			1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40				5			2	2								
	3	40				1												
	1	42																
	2	42				5			1	1								
	3	42																
	1	44																
	2	44				3												
	3	44																
1997	1	40			1	6			5	5								
	2	40			4	6			6	6								
	3	40			1	3			2	2								
	1	42			1	4			2	1								
	2	42			3	6			5	5								
	3	42				3			2	2								
	1	44				3												
	2	44			1	6			5	5								
	3	44				2			2	2								
1998	1	40				3			1	1								
	2	40			1	8			6	6								
	3	40			1	4			3	3								
	1	42				2			1	1								
	2	42			1	6			4	4								
	3	42			1	3			3	3								
	1	44				1												
	2	44			1	5			1	1								
	3	44			1	2			3	3								
1999	1	40																
	2	40				1			1	1								
	3	40				1												
	1	42																
	2	42				1			1	1								
	3	42				1												
	1	44																
	2	44							1	1								
	3	44				1												
2000	1	40			1	8			4	4								
	2	40			4	8			7	7								
	3	40			2	3			3	3								
	1	42				5			1	1								
	2	42			3	8			7	7								
	3	42			2	3			3	3								
	1	44				3												
	2	44			3	8			6	6								
	3	44			1	3			3	3								
2001	1	40				1			1	1								
	2	40				3			3	3								
	3	40				2			3	3								
	1	42							1	1								
	2	42				2			2	2								
	3	42				1			2	2								
	1	44																
	2	44				2			2	2								
	3	44				1			2	2								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	2			2	2								
	2	40			2	4			3	4								
	3	40			1	2			2	2								
	1	42				2				2								
	2	42			2	4			2	4								
	3	42			1	2			2	2								
	1	44				2				2								
	2	44			2	2			2	2								
	3	44			1	2			2	2								
1991	1	40			1	1			1	1								
	2	40			1	2			2	3								
	3	40			1	1			2	2								
	1	42				1				1								
	2	42			1	1			1	1								
	3	42			1	1			2	2								
	1	44				1				1								
	2	44			1	1			1	1								
	3	44				1			1	1								
1992	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40				1			1	1								
	2	40			1	2			3	3								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	2			2	2								
	3	42				1			1	1								
	1	44																
	2	44			1	2			1	2								
	3	44				1			1	1								
1994	1	40				2				2								
	2	40			1	3			2	3								
	3	40			1	1			1	1								
	1	42				1				1								
	2	42			1	2			1	2								
	3	42			1	1			1	1								
	1	44																
	2	44			1	2			1	2								
	3	44			1	1			1	1								
1995	1	40																
	2	40				1				1								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1				1								
	2	40				2			1	2								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1998	1	40																
	2	40				1			1	1								
	3	40				1			1	1								
	1	42																
	2	42				1			1	1								
	3	42				1			1	1								
	1	44																
	2	44																
	3	44				1				1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40																
	2	40				3			1	3								
	3	40				1			1	1								
	1	42																
	2	42				2			1	2								
	3	42				1				1								
	1	44																
	2	44				1				1								
	3	44				1				1								
2001	1	40																
	2	40							1	1								
	3	40							1	1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			2									
	2	40			2	4			3	3								
	3	40			2	2			2	2								
	1	42			1	2			1									
	2	42			2	4			2	2								
	3	42			1	2			2	2								
	1	44				2												
	2	44			2	4			2	1								
	3	44			1	2			2	2								
1991	1	40			1	1			1									
	2	40			1	6			2	2								
	3	40			1	3			2	2								
	1	42				1												
	2	42			1	4			1	1								
	3	42			1	2			2	2								
	1	44				1												
	2	44			1	3			1	1								
	3	44			1	1			1	1								
1992	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40				2			1	1								
	2	40			1	5			3	3								
	3	40				3			1	1								
	1	42				1												
	2	42			1	4			2	2								
	3	42				3			1	1								
	1	44				1												
	2	44			1	3			1	1								
	3	44				2			1	1								
1994	1	40				2												
	2	40			2	6			3	2								
	3	40			1	2			1	1								
	1	42				2												
	2	42			1	6			1	1								
	3	42			1	2			1	1								
	1	44				1												
	2	44			1	4			1	1								
	3	44			1	2			1	1								
1995	1	40																
	2	40				2												
	3	40																
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44				1												
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1												
	2	40			1	4			2	1								
	3	40				1												
	1	42				1												
	2	42				4												
	3	42				1												
	1	44																
	2	44				3												
	3	44				1												
1998	1	40				1												
	2	40				2			1	1								
	3	40				2			1	1								
	1	42																
	2	42				1			1	1								
	3	42				2			1	1								
	1	44																
	2	44				1												
	3	44				1												
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				2												
	2	40				5			1	1								
	3	40				3			1	1								
	1	42																
	2	42				3			1	1								
	3	42				2												
	1	44																
	2	44				3												
	3	44				2												
2001	1	40																
	2	40							1	1								
	3	40							1	1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	3			2	3								
	2	40			2	4			4	4								
	3	40			2	2			2	2								
	1	42			2	2			2	2								
	2	42			2	4			3	4								
	3	42			2	2			2	2								
	1	44				2				2								
	2	44			2	4			3	4								
	3	44			2	2			2	2								
1991	1	40			1	1			1	1								
	2	40			2	5			5	6								
	3	40			1	3			3	3								
	1	42			1	1			1	1								
	2	42			1	3			4	4								
	3	42			1	2			3	3								
	1	44				1				1								
	2	44			1	3			2	3								
	3	44			1	2			2	2								
1992	1	40																
	2	40							1	1								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40			1	2			1	2								
	2	40			1	5			5	5								
	3	40				3			3	3								
	1	42				1			1	1								
	2	42			1	4			5	5								
	3	42				2			3	3								
	1	44				1				1								
	2	44			1	2			3	3								
	3	44				1			2	2								
1994	1	40			1	2			1	2								
	2	40			3	7			3	6								
	3	40			1	2			1	2								
	1	42				2				2								
	2	42			2	5			3	5								
	3	42			1	2			1	2								
	1	44				1				1								
	2	44			1	3			2	3								
	3	44			1	2			1	2								
1995	1	40																
	2	40				2			1	2								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1				1								
	2	40			1	4			5	5								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	3			3	3								
	3	42				1			1	1								
	1	44																
	2	44				2			1	2								
	3	44							1	1								
1998	1	40																
	2	40				1			1	1								
	3	40				2			1	2								
	1	42																
	2	42				1			1	1								
	3	42				1			1	1								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				1				1								
	2	40				4			4	5								
	3	40				2			2	2								
	1	42																
	2	42				3			2	3								
	3	42				2			2	2								
	1	44																
	2	44				3			1	3								
	3	44				2			1	2								
2001	1	40																
	2	40							1	1								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42							1	1								
	1	44																
	2	44							1	1								
	3	44							1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			2	1								
	2	40		1	2	5		1	4	4								
	3	40			2	3			2	2								
	1	42			2	4			2									
	2	42			2	5			3	3								
	3	42			2	3			2	2								
	1	44			1	2			1									
	2	44			2	4			3	3								
	3	44			2	3			2	2								
1991	1	40			1	3			1	1								
	2	40			2	7			5	5								
	3	40			1	4			3	3								
	1	42			1	1			1									
	2	42			1	6			4	4								
	3	42			1	4			3	3								
	1	44				1												
	2	44			1	6			2	2								
	3	44			1	4			2	2								
1992	1	40																
	2	40				2			1	1								
	3	40																
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40			1	4			1	1								
	2	40			2	5			5	5								
	3	40			1	3			3	3								
	1	42				2			1	1								
	2	42			1	5			5	5								
	3	42			1	3			3	3								
	1	44				1												
	2	44			1	5			3	3								
	3	44				3			2	2								
1994	1	40			1	5			1	1								
	2	40			3	7			3	3								
	3	40			1	2			1	1								
	1	42				2												
	2	42			2	6			3	3								
	3	42			1	2			1	1								
	1	44				2												
	2	44			2	6			3	2								
	3	44			1	2			1	1								
1995	1	40				1												
	2	40				2			1	1								
	3	40				1												
	1	42				1												
	2	42				2			1	1								
	3	42				1												
	1	44																
	2	44				2												
	3	44				1												

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				3												
	2	40			1	6			5	5								
	3	40				1			1	1								
	1	42				1												
	2	42			1	4			3	2								
	3	42				1			1	1								
	1	44				1												
	2	44			1	4			2	1								
	3	44				1			1	1								
1998	1	40				1												
	2	40				3			1	1								
	3	40				2			1	1								
	1	42				1												
	2	42				3			1	1								
	3	42				2			1	1								
	1	44																
	2	44				2			1	1								
	3	44				2			1	1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				3												
	2	40			1	7			4	4								
	3	40				3			2	2								
	1	42				2												
	2	42				6			2	2								
	3	42				3			2	2								
	1	44																
	2	44				5			1	1								
	3	44				3			1	1								
2001	1	40																
	2	40				1			1	1								
	3	40				1			1	1								
	1	42																
	2	42				1			1	1								
	3	42				1			1	1								
	1	44																
	2	44							1	1								
	3	44							1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(9)

City	Sydney	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	4			2	4								
	2	40			2	4			4	4								
	3	40			2	2			2	2								
	1	42			2	2			2	2								
	2	42			2	4			3	4								
	3	42			2	2			2	2								
	1	44				2				2								
	2	44			2	4			3	4								
	3	44			2	2			2	2								
1991	1	40			1	1			1	1								
	2	40			2	5			5	6								
	3	40			1	3			3	3								
	1	42			1	1			1	1								
	2	42			1	3			4	4								
	3	42			1	2			3	3								
	1	44				1				1								
	2	44			1	3			3	4								
	3	44			1	2			2	2								
1992	1	40																
	2	40							1	1								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40			1	2			1	2								
	2	40			2	5			5	5								
	3	40			1	3			3	3								
	1	42				1			1	1								
	2	42			1	4			5	5								
	3	42				3			3	3								
	1	44				1				1								
	2	44			1	3			5	5								
	3	44				2			2	2								
1994	1	40			1	2			1	2								
	2	40			3	7			4	6								
	3	40			1	2			1	2								
	1	42				2				2								
	2	42			2	5			3	5								
	3	42			1	2			1	2								
	1	44				1				1								
	2	44			1	3			2	3								
	3	44			1	2			1	2								
1995	1	40																
	2	40				2			1	2								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(9)

City	Sydney	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1				1								
	2	40			1	4			5	5								
	3	40				1			2	2								
	1	42				1				1								
	2	42			1	3			3	3								
	3	42				1			1	1								
	1	44																
	2	44				3			1	3								
	3	44							1	1								
1998	1	40				1				1								
	2	40				1			1	1								
	3	40				2			1	2								
	1	42																
	2	42				1			1	1								
	3	42				1			1	1								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				1			1	2								
	2	40				5			4	6								
	3	40				2			2	2								
	1	42																
	2	42				3			2	3								
	3	42				2			2	2								
	1	44																
	2	44				3			2	3								
	3	44				2			1	2								
2001	1	40																
	2	40							2	2								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42							1	1								
	1	44																
	2	44							1	1								
	3	44							1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(9a)

City	Sydney	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	4			2	2								
	2	40		1	2	5		1	4	4								
	3	40			2	3			2	2								
	1	42			2	4			2									
	2	42			2	5			3	3								
	3	42			2	3			2	2								
	1	44			1	2			1									
	2	44			2	4			3	3								
	3	44			2	3			2	2								
1991	1	40			1	3			1	1								
	2	40			2	8			5	5								
	3	40			1	4			3	3								
	1	42			1	1			1	1								
	2	42			1	6			4	4								
	3	42			1	4			3	3								
	1	44				1												
	2	44			1	6			3	3								
	3	44			1	4			2	2								
1992	1	40																
	2	40				2			1	1								
	3	40																
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40			1	4			1	1								
	2	40			2	6			5	5								
	3	40			1	3			3	3								
	1	42			1	2			1	1								
	2	42			2	5			5	5								
	3	42			1	3			3	3								
	1	44				2												
	2	44			1	5			5	5								
	3	44				3			2	2								
1994	1	40			1	5			1	1								
	2	40			3	7			4	4								
	3	40			1	2			1	1								
	1	42				2												
	2	42			2	6			3	3								
	3	42			1	2			1	1								
	1	44				2												
	2	44			2	6			3	2								
	3	44			1	2			1	1								
1995	1	40				1												
	2	40				2			1	1								
	3	40				1												
	1	42				1												
	2	42				2			1	1								
	3	42				1												
	1	44																
	2	44				2												
	3	44				1												

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(9a)

City	Sydney	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40																
	2	40				1												
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				3												
	2	40			1	6			5	5								
	3	40				1			2	2								
	1	42				1												
	2	42			1	4			3	2								
	3	42				1			1	1								
	1	44				1												
	2	44			1	4			2	1								
	3	44				1			1	1								
1998	1	40				1												
	2	40				3			1	1								
	3	40			1	2			1	1								
	1	42				1												
	2	42				3			1	1								
	3	42				2			1	1								
	1	44																
	2	44				2			1	1								
	3	44				2			1	1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				3			1	1								
	2	40			1	8			4	4								
	3	40				3			2	2								
	1	42				2												
	2	42				6			2	2								
	3	42				3			2	2								
	1	44																
	2	44				5			2	2								
	3	44				3			1	1								
2001	1	40																
	2	40				1			2	2								
	3	40				1			1	1								
	1	42																
	2	42				1			1	1								
	3	42				1			1	1								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(10)

City	Sydney	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		1	4	5		1	5	5								
	2	40		2	7	7		2	8	8								
	3	40		1	3	3		1	5	5								
	1	42			2	4			4	4								
	2	42		2	5	6		2	7	7								
	3	42		1	2	3		1	5	5								
	1	44			2	4			3	4								
	2	44		2	4	5		2	5	5								
	3	44			2	3			3	3								
1991	1	40			3	8			6	8								
	2	40		1	6	9		1	12	12								
	3	40		1	4	4		1	5	5							1	1
	1	42			2	6			5	6								
	2	42		1	6	8		1	10	10								
	3	42			4	4			5	5								
	1	44			1	3			4	4								
	2	44		1	4	8		1	9	9								
	3	44			3	4			5	5								
1992	1	40				2			2	2								
	2	40			2	2			3	3								
	3	40																
	1	42							2	2								
	2	42				2			2	2								
	3	42																
	1	44																
	2	44				2			2	2								
	3	44																
1993	1	40			2	6			6	7								
	2	40		1	7	9		1	11	11							1	1
	3	40			3	4			6	7								
	1	42			2	5			5	5								
	2	42		1	6	7		1	8	9								
	3	42			3	3			6	6								
	1	44			1	3			5	5								
	2	44			6	7			8	9								
	3	44			3	3			4	4								
1994	1	40			4	7			7	8								
	2	40		1	8	9		1	9	9								
	3	40		1	2	2		1	2	2							1	1
	1	42			3	7			4	6								
	2	42		1	8	9		1	9	9								
	3	42		1	2	2		1	2	2								
	1	44			2	4			3	4								
	2	44			7	7			8	9								
	3	44		1	2	2		1	2	2								
1995	1	40			1	2			2	2								
	2	40			2	3			5	5								
	3	40			1	2			3	3								
	1	42				2			1	2								
	2	42			2	3			4	4								
	3	42				2			3	3								
	1	44				1			1	1								
	2	44			1	2			3	3								
	3	44				2			3	3								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(10)

City	Sydney	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40				1			1	2								
	2	40				5			6	6								
	3	40				1			2	2								
	1	42																
	2	42				5			4	5								
	3	42							1	1								
	1	44																
	2	44				3			2	4								
	3	44																
1997	1	40			2	6			5	6								
	2	40			4	6			7	7								
	3	40			1	3			3	3								
	1	42			1	4			5	5								
	2	42			4	6			6	6								
	3	42			1	3			3	3								
	1	44				3			1	3								
	2	44			4	6			6	6								
	3	44			1	3			2	3								
1998	1	40			1	3			4	4								
	2	40			3	8			12	12								
	3	40			2	4			8	8								
	1	42				2			1	2								
	2	42			2	7			10	10								
	3	42			2	3			8	8								
	1	44				1			1	1								
	2	44			1	5			6	6								
	3	44			2	3			6	6								
1999	1	40							1	1								
	2	40				1			1	1								
	3	40				1			1	1								
	1	42																
	2	42				1			1	1								
	3	42				1			1	1								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								
2000	1	40			3	8			7	8								
	2	40			6	8			10	10								
	3	40			3	3			5	5								
	1	42			1	5			5	6								
	2	42			5	8			8	9								
	3	42			3	3			4	4								
	1	44				3			2	3								
	2	44			3	8			8	9								
	3	44			2	3			4	4								
2001	1	40				1			2	2								
	2	40			1	3			7	7								
	3	40				2			5	5								
	1	42				1			2	2								
	2	42				2			6	6								
	3	42				1			4	4								
	1	44							1	1								
	2	44				2			4	4								
	3	44				1			3	3								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(10a)

City	Sydney	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		2	4	5		2	5	5								
	2	40	1	2	7	9	1	2	8	8								
	3	40		2	3	5		2	5	5						1		
	1	42		2	4	5		2	4	4								
	2	42		2	6	7		2	7	7								
	3	42		2	3	4		2	5	5								
	1	44			2	5			3	3								
	2	44		2	4	5		2	5	5								
	3	44		1	2	3		1	3	3								
1991	1	40		1	4	8		1	6	6								
	2	40		1	7	12		1	12	12								
	3	40		1	4	4		1	5	5						1	1	1
	1	42		1	2	8		1	5	5								
	2	42		1	6	11		1	10	10								
	3	42		1	4	4		1	5	5								
	1	44			1	6			4	4								
	2	44		1	6	9		1	9	9								
	3	44		1	4	4		1	5	5								
1992	1	40				2			2	2								
	2	40			2	2			3	3								
	3	40																
	1	42				2			2	2								
	2	42			2	2			2	2								
	3	42																
	1	44				2												
	2	44				2			2	2								
	3	44																
1993	1	40		1	4	6		1	6	6								
	2	40		1	7	14		1	11	11							1	1
	3	40			3	5			6	6								
	1	42			2	6			5	5								
	2	42		1	6	11		1	8	8								
	3	42			3	5			6	6								
	1	44			1	5			5	5								
	2	44		1	6	9		1	8	8								
	3	44			3	5			4	4								
1994	1	40		1	6	8		1	7	7								
	2	40		2	8	11		2	9	9								
	3	40		1	2	2		1	2	2						1	1	1
	1	42			3	7			4	4								
	2	42		2	8	10		2	9	9								
	3	42		1	2	2		1	2	2								
	1	44			2	6			3	3								
	2	44		1	7	8		1	8	8								
	3	44		1	2	2		1	2	2								
1995	1	40			1	3			2	2								
	2	40			2	5			5	5								
	3	40			1	3			3	3								
	1	42				2			1	1								
	2	42			2	5			4	4								
	3	42			1	3			3	3								
	1	44				2			1	1								
	2	44			2	4			3	3								
	3	44			1	3			3	3								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(10a)

City	Sydney	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40				5			1	1								
	2	40				5			6	6								
	3	40				1			2	2								
	1	42				1												
	2	42				5			4	4								
	3	42				1			1	1								
	1	44																
	2	44				5			2	2								
	3	44				1												
1997	1	40			3	6			5	5								
	2	40		1	6	8		1	7	7								
	3	40			1	4			3	3								
	1	42			1	6			5	5								
	2	42		1	4	8		1	6	6								
	3	42			1	4			3	3								
	1	44			1	4			2	1								
	2	44			4	8			6	6								
	3	44			1	3			2	2								
1998	1	40			1	7			4	4								
	2	40			3	12			12	12								
	3	40			2	6			8	8								
	1	42			1	4			1	1								
	2	42			3	9			10	10								
	3	42			2	4			8	8								
	1	44				3			1	1								
	2	44			2	8			6	6								
	3	44			2	4			6	6								
1999	1	40				1			1	1								
	2	40				1			1	1								
	3	40				1			1	1								
	1	42																
	2	42				1			1	1								
	3	42				1			1	1								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								
2000	1	40			3	8			7	7								
	2	40			7	10			10	10								
	3	40			3	4			5	5								
	1	42			1	8			5	5								
	2	42			6	9			8	8								
	3	42			3	4			4	4								
	1	44				6			2	2								
	2	44			5	9			8	8								
	3	44			3	4			4	4								
2001	1	40				2			2	2								
	2	40			1	5			7	7								
	3	40			1	3			5	5								
	1	42				1			2	2								
	2	42			1	4			6	6								
	3	42			1	2			4	4								
	1	44				1			1	1								
	2	44				4			4	4								
	3	44				2			3	3								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	2			2	2								
	2	40			2	4			3	4								
	3	40			1	2			2	2								
	1	42				2				2								
	2	42			2	4			2	4								
	3	42			1	2			2	2								
	1	44				2				2								
	2	44			2	2			2	2								
	3	44			1	2			2	2								
1991	1	40			1	1			1	1								
	2	40			1	1			1	1								
	3	40			1	1			2	2								
	1	42				1				1								
	2	42			1	1			1	1								
	3	42			1	1			1	1								
	1	44				1				1								
	2	44			1	1			1	1								
	3	44				1			1	1								
1992	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40				1			1	1								
	2	40			1	2			3	3								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	2			2	2								
	3	42				1			1	1								
	1	44																
	2	44			1	2			1	2								
	3	44				1			1	1								
1994	1	40				2				2								
	2	40			1	2			1	2								
	3	40			1	1			1	1								
	1	42				1				1								
	2	42			1	2			1	2								
	3	42			1	1			1	1								
	1	44																
	2	44				2			1	2								
	3	44			1	1			1	1								
1995	1	40																
	2	40				1				1								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1				1								
	2	40				1			1	2								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1998	1	40																
	2	40				1			1	1								
	3	40				1			1	1								
	1	42																
	2	42				1				1								
	3	42				1			1	1								
	1	44																
	2	44																
	3	44				1				1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40																
	2	40				3			1	3								
	3	40				1			1	1								
	1	42																
	2	42				1			1	2								
	3	42				1				1								
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40							1	1								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			2									
	2	40			2	4			3	3								
	3	40			2	2			2	2								
	1	42			1	2			1									
	2	42			2	4			2	2								
	3	42			1	2			2	2								
	1	44				2												
	2	44			2	4			2	1								
	3	44			1	2			2	2								
1991	1	40			1	1			1									
	2	40			1	5			1	1								
	3	40			1	2			2	2								
	1	42				1												
	2	42			1	3			1	1								
	3	42			1	1			1	1								
	1	44				1												
	2	44			1	3			1	1								
	3	44			1	1			1	1								
1992	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40				2			1	1								
	2	40			1	5			3	3								
	3	40				3			1	1								
	1	42				1												
	2	42			1	4			2	2								
	3	42				3			1	1								
	1	44				1												
	2	44			1	3			1	1								
	3	44				1			1	1								
1994	1	40				2												
	2	40			2	6			2	1								
	3	40			1	2			1	1								
	1	42				2												
	2	42			1	6			1	1								
	3	42			1	2			1	1								
	1	44				1												
	2	44			1	3			1	1								
	3	44			1	2			1	1								
1995	1	40																
	2	40				2												
	3	40																
	1	42																
	2	42				1												
	3	42																
	1	44																
	2	44				1												
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1												
	2	40			1	4			2	1								
	3	40				1												
	1	42				1												
	2	42				3												
	3	42				1												
	1	44																
	2	44				3												
	3	44																
1998	1	40				1												
	2	40				1			1	1								
	3	40				2			1	1								
	1	42																
	2	42				1												
	3	42				1			1	1								
	1	44																
	2	44				1												
	3	44				1												
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				1												
	2	40				5			1	1								
	3	40				2			1	1								
	1	42																
	2	42				3			1	1								
	3	42				2												
	1	44																
	2	44				3												
	3	44				2												
2001	1	40																
	2	40							1	1								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			2	4								
	2	40			2	4			4	4								
	3	40			2	2			2	2								
	1	42			2	2			2	2								
	2	42			2	4			3	4								
	3	42			2	2			2	2								
	1	44				2				2								
	2	44			2	4			3	4								
	3	44			2	2			2	2								
1991	1	40			1	1			1	1								
	2	40			2	5			5	6								
	3	40			1	3			3	3								
	1	42			1	1			1	1								
	2	42			2	4			5	5								
	3	42			1	2			3	3								
	1	44				1				1								
	2	44			1	3			3	4								
	3	44			1	2			2	2								
1992	1	40																
	2	40							1	1								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40			1	2			1	2								
	2	40			1	5			5	5								
	3	40				3			3	3								
	1	42				1			1	1								
	2	42			1	4			5	5								
	3	42				3			3	3								
	1	44				1				1								
	2	44			1	3			5	5								
	3	44				2			2	2								
1994	1	40			1	2			1	2								
	2	40			3	7			4	6								
	3	40			1	2			1	2								
	1	42				2				2								
	2	42			3	7			3	6								
	3	42			1	2			1	2								
	1	44				1				1								
	2	44			1	3			2	3								
	3	44			1	2			1	2								
1995	1	40																
	2	40				2			1	2								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1				1								
	2	40			1	4			5	5								
	3	40				1			2	2								
	1	42				1				1								
	2	42			1	3			4	4								
	3	42				1			1	1								
	1	44																
	2	44				3			1	3								
	3	44							1	1								
1998	1	40				1				1								
	2	40				1			1	1								
	3	40				2			1	2								
	1	42																
	2	42				1			1	1								
	3	42				1			1	1								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				1			1	2								
	2	40				5			4	6								
	3	40				2			2	2								
	1	42																
	2	42				3			2	3								
	3	42				2			2	2								
	1	44																
	2	44				3			2	3								
	3	44				2			1	2								
2001	1	40																
	2	40							2	2								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42							1	1								
	1	44																
	2	44							1	1								
	3	44							1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			2	2								
	2	40		2	2	5		2	4	4								
	3	40			2	3			2	2								
	1	42			2	4			2									
	2	42		2	2	5		2	3	3								
	3	42			2	3			2	2								
	1	44			1	2			1									
	2	44		1	2	5		1	3	3								
	3	44			2	3			2	2								
1991	1	40			1	3			1	1								
	2	40		1	2	8		1	5	5								
	3	40			1	4			3	3								
	1	42			1	1			1	1								
	2	42		1	2	6		1	5	5								
	3	42			1	4			3	3								
	1	44				1												
	2	44			1	6			3	3								
	3	44			1	4			2	2								
1992	1	40																
	2	40				2			1	1								
	3	40																
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44				2												
	3	44																
1993	1	40			1	4			1	1								
	2	40			2	6			5	5								
	3	40			1	3			3	3								
	1	42				2			1	1								
	2	42			2	5			5	5								
	3	42			1	3			3	3								
	1	44				1												
	2	44			1	5			5	5								
	3	44				3			2	2								
1994	1	40			1	6			1	1								
	2	40			3	7			4	4								
	3	40		1	1	2		1	1	1								
	1	42				2												
	2	42			3	7			3	3								
	3	42			1	2			1	1								
	1	44				2												
	2	44			2	6			3	2								
	3	44			1	2			1	1								
1995	1	40				1												
	2	40				2			1	1								
	3	40				1												
	1	42				1												
	2	42				2			1	1								
	3	42				1												
	1	44																
	2	44				2												
	3	44				1												

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40				1												
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				3												
	2	40			1	6			5	5								
	3	40				1			2	2								
	1	42				1												
	2	42			1	5			4	3								
	3	42				1			1	1								
	1	44				1												
	2	44			1	4			2	1								
	3	44				1			1	1								
1998	1	40				1												
	2	40				4			1	1								
	3	40				2			1	1								
	1	42				1												
	2	42				3			1	1								
	3	42				2			1	1								
	1	44																
	2	44				3			1	1								
	3	44				2			1	1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				3			1	1								
	2	40			1	8			4	4								
	3	40				3			2	2								
	1	42				2												
	2	42				7			2	2								
	3	42				3			2	2								
	1	44																
	2	44				5			2	2								
	3	44				3			1	1								
2001	1	40																
	2	40				1			2	2								
	3	40				1			1	1								
	1	42																
	2	42				1			1	1								
	3	42				1			1	1								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	2			2	2								
	2	40			2	4			3	4								
	3	40			1	2			2	2								
	1	42			1	2			1	2								
	2	42			2	4			2	4								
	3	42			1	2			2	2								
	1	44				2				2								
	2	44			2	3			2	3								
	3	44			1	2			2	2								
1991	1	40			1	1			1	1								
	2	40			1	3			4	4								
	3	40			1	2			2	2								
	1	42				1				1								
	2	42			1	1			1	1								
	3	42			1	1			2	2								
	1	44				1				1								
	2	44			1	1			1	1								
	3	44			1	1			1	1								
1992	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40				1			1	1								
	2	40			1	3			5	5								
	3	40				1			2	2								
	1	42				1				1								
	2	42			1	2			3	3								
	3	42				1			1	1								
	1	44				1				1								
	2	44			1	2			1	2								
	3	44				1			1	1								
1994	1	40				2				2								
	2	40			2	4			3	4								
	3	40			1	2			1	2								
	1	42				1				1								
	2	42			1	2			1	2								
	3	42			1	1			1	1								
	1	44																
	2	44			1	2			1	2								
	3	44			1	1			1	1								
1995	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1				1								
	2	40				3			1	3								
	3	40							1	1								
	1	42																
	2	42				1			1	2								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1998	1	40																
	2	40				1			1	1								
	3	40				1			1	1								
	1	42																
	2	42				1			1	1								
	3	42				1			1	1								
	1	44																
	2	44																
	3	44				1			1	1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40																
	2	40				3			2	3								
	3	40				1			1	1								
	1	42																
	2	42				3			1	3								
	3	42				1			1	1								
	1	44																
	2	44				1			1	2								
	3	44				1				1								
2001	1	40																
	2	40							1	1								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			2									
	2	40			2	5			3	3								
	3	40			2	3			2	2								
	1	42			1	2			1									
	2	42			2	4			2	2								
	3	42			2	2			2	2								
	1	44				2												
	2	44			2	4			2	2								
	3	44			1	2			2	2								
1991	1	40			1	1			1	1								
	2	40			1	6			4	4								
	3	40			1	4			2	2								
	1	42			1	1			1									
	2	42			1	5			1	1								
	3	42			1	2			2	2								
	1	44				1												
	2	44			1	3			1	1								
	3	44			1	1			1	1								
1992	1	40																
	2	40				2												
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40			1	2			1	1								
	2	40			1	5			5	5								
	3	40				3			2	2								
	1	42				2												
	2	42			1	5			3	3								
	3	42				3			1	1								
	1	44				1												
	2	44			1	4			1	1								
	3	44				3			1	1								
1994	1	40			1	2			1									
	2	40			2	6			3	2								
	3	40			1	2			1	1								
	1	42				2												
	2	42			2	6			2	1								
	3	42			1	2			1	1								
	1	44				2												
	2	44			1	5			1	1								
	3	44			1	2			1	1								
1995	1	40				1												
	2	40				2			1	1								
	3	40				1												
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44				1												
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1												
	2	40			1	4			2	1								
	3	40				1			1	1								
	1	42				1												
	2	42				4			1	1								
	3	42				1												
	1	44																
	2	44				3												
	3	44				1												
1998	1	40				1												
	2	40				3			1	1								
	3	40				2			1	1								
	1	42																
	2	42				1			1	1								
	3	42				2			1	1								
	1	44																
	2	44				1												
	3	44				2			1	1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				3												
	2	40				6			2	2								
	3	40				3			1	1								
	1	42																
	2	42				5			1	1								
	3	42				2			1	1								
	1	44																
	2	44				3			1	1								
	3	44				2												
2001	1	40																
	2	40				1			1	1								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			2	4								
	2	40			2	4			4	4								
	3	40			2	2			2	2								
	1	42			2	2			2	2								
	2	42			2	4			4	4								
	3	42			2	2			2	2								
	1	44			1	2			1	2								
	2	44			2	4			3	4								
	3	44			2	2			2	2								
1991	1	40			1	1			1	1								
	2	40			2	6			6	6								
	3	40			1	4			3	4								
	1	42			1	1			1	1								
	2	42			2	5			5	6								
	3	42			1	3			3	3								
	1	44				1				1								
	2	44			1	3			4	4								
	3	44			1	2			3	3								
1992	1	40																
	2	40				2			2	2								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40			1	2			3	3								
	2	40			2	5			5	5								
	3	40			1	3			3	3								
	1	42				2			1	2								
	2	42			1	5			5	5								
	3	42			1	3			3	3								
	1	44				1				1								
	2	44			1	4			5	5								
	3	44				3			3	3								
1994	1	40			1	2			1	2								
	2	40			3	7			4	6								
	3	40			1	2			2	2								
	1	42				2			1	2								
	2	42			3	7			4	6								
	3	42			1	2			1	2								
	1	44				1				1								
	2	44			2	5			3	5								
	3	44			1	2			1	2								
1995	1	40				1				1								
	2	40				2			2	2								
	3	40				1			1	1								
	1	42																
	2	42				2			1	2								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1			1	2								
	2	40			1	4			5	5								
	3	40				1			2	2								
	1	42				1				1								
	2	42			1	4			5	5								
	3	42				1			2	2								
	1	44																
	2	44			1	3			3	3								
	3	44				1			1	1								
1998	1	40				1			1	1								
	2	40				3			1	3								
	3	40				2			1	2								
	1	42																
	2	42				1			1	1								
	3	42				2			1	2								
	1	44																
	2	44				1			1	1								
	3	44				2			1	2								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				3			1	3								
	2	40			1	5			5	6								
	3	40				3			3	3								
	1	42																
	2	42				4			4	5								
	3	42				2			2	2								
	1	44																
	2	44				3			2	3								
	3	44				2			2	2								
2001	1	40							1	1								
	2	40				1			2	2								
	3	40							1	1								
	1	42																
	2	42							2	2								
	3	42							1	1								
	1	44																
	2	44							1	1								
	3	44							1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			2	2								
	2	40		2	4	5		2	4	4								
	3	40			2	3			2	2								
	1	42			2	4			2	1								
	2	42		1	2	5		1	4	4								
	3	42			2	3			2	2								
	1	44			2	2			2									
	2	44			2	5			3	3								
	3	44			2	3			2	2								
1991	1	40			1	5			1	1								
	2	40		1	2	8		1	6	6								
	3	40			1	4			3	3								
	1	42			1	3			1	1								
	2	42			2	8			5	5								
	3	42			1	4			3	3								
	1	44			1	1			1									
	2	44			1	6			4	4								
	3	44			1	4			3	3								
1992	1	40																
	2	40				2			2	2								
	3	40																
	1	42																
	2	42				2			1	1								
	3	42																
	1	44																
	2	44				2												
	3	44																
1993	1	40			1	5			3	3								
	2	40			2	6			5	5								
	3	40			1	3			3	3								
	1	42			1	2			1	1								
	2	42			2	6			5	5								
	3	42			1	3			3	3								
	1	44				2												
	2	44			1	5			5	5								
	3	44			1	3			3	3								
1994	1	40			2	6			2	1								
	2	40			3	7			4	4								
	3	40			1	2			2	2								
	1	42			1	3			1	1								
	2	42			3	7			4	4								
	3	42			1	2			1	1								
	1	44				2												
	2	44			2	6			3	3								
	3	44			1	2			1	1								
1995	1	40				2												
	2	40			1	2			2	2								
	3	40				1			1	1								
	1	42				1												
	2	42				2			1	1								
	3	42				1												
	1	44																
	2	44				2			1	1								
	3	44				1												

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40				2												
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				4			1	1								
	2	40			1	6			5	5								
	3	40				1			2	2								
	1	42				2												
	2	42			1	6			5	5								
	3	42				1			2	2								
	1	44				1												
	2	44			1	4			3	2								
	3	44				1			1	1								
1998	1	40				1			1	1								
	2	40			1	4			1	1								
	3	40			1	2			1	1								
	1	42				1												
	2	42				3			1	1								
	3	42			1	2			1	1								
	1	44																
	2	44				3			1	1								
	3	44				2			1	1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				4			1	1								
	2	40			2	8			5	5								
	3	40			1	3			3	3								
	1	42				3												
	2	42			1	8			4	4								
	3	42				3			2	2								
	1	44				1												
	2	44				6			2	2								
	3	44				3			2	2								
2001	1	40							1	1								
	2	40				1			2	2								
	3	40				1			1	1								
	1	42																
	2	42				1			2	2								
	3	42				1			1	1								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(15)

City	Sydney	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	4			3	4								
	2	40			2	5			4	5								
	3	40			2	3			2	3								
	1	42			2	2			2	2								
	2	42			2	4			4	4								
	3	42			2	2			2	2								
	1	44			1	2			1	2								
	2	44			2	4			3	4								
	3	44			2	2			2	2								
1991	1	40			1	2			2	3								
	2	40			2	6			6	6								
	3	40			1	4			3	4								
	1	42			1	1			1	1								
	2	42			2	5			5	6								
	3	42			1	3			3	3								
	1	44				1				1								
	2	44			1	3			5	5								
	3	44			1	3			3	3								
1992	1	40																
	2	40				2			2	2								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40			1	2			3	3								
	2	40			2	5			5	5								
	3	40			1	3			3	3								
	1	42			1	2			1	2								
	2	42			2	5			5	5								
	3	42			1	3			3	3								
	1	44				1				1								
	2	44			1	4			5	5								
	3	44				3			3	3								
1994	1	40			1	2			1	2								
	2	40			3	7			5	6								
	3	40			1	2			2	2								
	1	42				2			1	2								
	2	42			3	7			4	6								
	3	42			1	2			1	2								
	1	44				2				2								
	2	44			2	6			3	6								
	3	44			1	2			1	2								
1995	1	40				1				1								
	2	40				2			2	2								
	3	40				1			1	1								
	1	42																
	2	42				2			1	2								
	3	42																
	1	44																
	2	44				1			1	1								
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(15)

City	Sydney	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1			1	2								
	2	40			1	4			5	5								
	3	40				1			2	2								
	1	42				1				1								
	2	42			1	4			5	5								
	3	42				1			2	2								
	1	44																
	2	44			1	3			3	3								
	3	44				1			1	1								
1998	1	40				1			1	1								
	2	40				3			1	3								
	3	40			1	2			2	2								
	1	42																
	2	42				1			1	1								
	3	42				2			1	2								
	1	44																
	2	44				1			1	1								
	3	44				2			1	2								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				3			1	3								
	2	40			1	6			5	7								
	3	40				3			3	3								
	1	42																
	2	42				5			4	6								
	3	42				3			3	3								
	1	44																
	2	44				3			2	3								
	3	44				2			2	2								
2001	1	40							1	1								
	2	40				1			2	2								
	3	40							1	1								
	1	42																
	2	42							2	2								
	3	42							1	1								
	1	44																
	2	44							1	1								
	3	44							1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(15a)

City	Sydney	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	4			3	3								
	2	40		2	4	5		2	4	4								
	3	40			2	3			2	2								
	1	42			2	4			2	1								
	2	42		1	2	5		1	4	4								
	3	42			2	3			2	2								
	1	44			2	2			2									
	2	44		1	2	5		1	3	3								
	3	44			2	3			2	2								
1991	1	40			1	5			2	2								
	2	40		1	2	8		1	6	6								
	3	40			1	4			3	3								
	1	42			1	3			1	1								
	2	42		1	2	8		1	5	5								
	3	42			1	4			3	3								
	1	44			1	1			1									
	2	44			1	6			5	5								
	3	44			1	4			3	3								
1992	1	40																
	2	40				2			2	2								
	3	40																
	1	42																
	2	42				2			1	1								
	3	42																
	1	44																
	2	44				2												
	3	44																
1993	1	40			1	5			3	3								
	2	40			2	6			5	5								
	3	40			1	3			3	3								
	1	42			1	3			1	1								
	2	42			2	6			5	5								
	3	42			1	3			3	3								
	1	44				2												
	2	44			2	5			5	5								
	3	44			1	3			3	3								
1994	1	40			2	6			2	1								
	2	40			3	7			5	5								
	3	40			1	2			2	2								
	1	42			1	3			1	1								
	2	42			3	7			4	4								
	3	42			1	2			1	1								
	1	44				2												
	2	44			2	6			3	3								
	3	44			1	2			1	1								
1995	1	40				2												
	2	40			1	2			2	2								
	3	40				2			1	1								
	1	42				1												
	2	42				2			1	1								
	3	42				1												
	1	44																
	2	44				2			1	1								
	3	44				1												

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(15a)

City	Sydney	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40																
	2	40				3												
	3	40																
	1	42																
	2	42				1												
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				4			1	1								
	2	40			1	6			5	5								
	3	40				1			2	2								
	1	42				3												
	2	42			1	6			5	5								
	3	42				1			2	2								
	1	44				1												
	2	44			1	4			3	2								
	3	44				1			1	1								
1998	1	40				1			1	1								
	2	40			1	5			1	1								
	3	40			1	2			2	2								
	1	42				1												
	2	42				4			1	1								
	3	42			1	2			1	1								
	1	44																
	2	44				3			1	1								
	3	44				2			1	1								
1999	1	40																
	2	40																
	3	40				1												
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				5			1	1								
	2	40			3	8			5	5								
	3	40			1	3			3	3								
	1	42				3												
	2	42			1	8			4	4								
	3	42			1	3			3	3								
	1	44				1												
	2	44				6			2	2								
	3	44				3			2	2								
2001	1	40							1	1								
	2	40				1			2	2								
	3	40				1			1	1								
	1	42																
	2	42				1			2	2								
	3	42				1			1	1								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(16)

City	Sydney	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		2	4	5		2	6	6								
	2	40	4	4	7	9	2	2	8	10							2	2
	3	40	1	3	3	5		2	7	8							2	2
	1	42		1	4	5		1	5	5								
	2	42	1	2	7	8	1	2	8	9							1	1
	3	42		2	3	3		2	7	7							1	1
	1	44			2	4			4	4								
	2	44		2	7	7		2	8	8								
	3	44		1	3	3		1	5	5								
1991	1	40		1	5	8		1	9	9								
	2	40	2	2	8	12	1	1	13	15							2	2
	3	40		1	4	4		1	8	8					1	1	5	5
	1	42		1	4	8		1	6	8								
	2	42		1	8	9		1	13	13							1	1
	3	42		1	4	4		1	6	6							3	3
	1	44			2	6			6	6								
	2	44		1	6	9		1	12	12							1	1
	3	44		1	4	4		1	6	6							1	1
1992	1	40				2			2	2								
	2	40	1	1	2	2			5	5								
	3	40							3	3							2	2
	1	42				2			2	2								
	2	42			2	2			5	5								
	3	42							1	1								
	1	44				2			2	2								
	2	44			2	2			3	3								
	3	44																
1993	1	40		1	6	7		1	8	9								
	2	40		1	8	13		1	14	14					1	1	3	3
	3	40	1	1	3	5			7	7							4	4
	1	42			2	6			6	7								
	2	42		1	8	11		1	12	13							1	1
	3	42	1	1	3	5			7	7							3	3
	1	44			2	5			5	5								
	2	44		1	7	9		1	11	11							1	1
	3	44			3	4			7	7							1	1
1994	1	40		1	8	9		1	9	9								
	2	40		2	8	11		2	10	11							1	1
	3	40		1	2	2		1	2	2						1	1	1
	1	42			4	7			7	8								
	2	42		2	8	10		2	9	9							1	1
	3	42		1	2	2		1	2	2							1	1
	1	44			3	7			4	6								
	2	44		1	8	9		1	9	9								
	3	44		1	2	2		1	2	2							1	1
1995	1	40			2	3			4	4								
	2	40			2	5			7	7								
	3	40			1	3			4	4								
	1	42			1	2			2	2								
	2	42			2	5			6	6								
	3	42			1	3			3	3								
	1	44				2			2	2								
	2	44			2	3			6	6								
	3	44			1	3			3	3								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(16)

City	Sydney	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40				4			3	5								
	2	40			2	5			6	6								
	3	40				1			4	4								
	1	42				1			1	2								
	2	42				5			6	6								
	3	42				1			3	3								
	1	44																
	2	44				5			6	6								
	3	44				1			2	2								
1997	1	40			4	6			6	6								
	2	40		1	6	8		1	12	12								
	3	40			1	4			6	6							2	2
	1	42			2	6			5	6								
	2	42			6	8			9	10								
	3	42			1	3			6	6								
	1	44			1	4			5	5								
	2	44			4	6			7	7								
	3	44			1	3			3	3								
1998	1	40			1	6			8	9								
	2	40			4	12			18	19							1	1
	3	40			2	5			10	10							1	2
	1	42			1	4			5	5								
	2	42			3	9			16	17								
	3	42			2	4			9	9							1	1
	1	44				3			1	3								
	2	44			3	8			13	13								
	3	44			2	4			9	9								
1999	1	40				1			1	1								
	2	40				1			2	2								
	3	40				1			2	2								
	1	42							1	1								
	2	42				1			1	1								
	3	42				1			2	2								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								
2000	1	40			5	8			8	9								
	2	40			8	10			13	13							1	1
	3	40			3	4			7	7							3	3
	1	42			3	8			7	8								
	2	42			8	9			12	12								
	3	42			3	4			7	7								
	1	44			1	5			5	6								
	2	44			6	8			11	11								
	3	44			3	4			7	7								
2001	1	40				2			4	4								
	2	40			1	4			10	10							1	1
	3	40			1	3			9	10							8	8
	1	42				1			2	2								
	2	42			1	4			9	9							1	1
	3	42			1	2			5	5							1	1
	1	44				1			2	2								
	2	44			1	4			8	9								
	3	44			1	2			5	5							1	1

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(16a)

City	Sydney	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		2	5	6		2	6	6								
	2	40	4	6	7	11	2	4	8	8		2		2		4	2	2
	3	40	1	3	3	5		2	7	7		2		3		4	2	2
	1	42		2	4	5		2	5	5								
	2	42	2	2	7	9	2	2	8	8		1		1		2	1	1
	3	42		2	3	5		2	7	7		2		2		3	1	1
	1	44		2	4	5		2	4	4								
	2	44	1	2	7	9	1	2	8	8						1		
	3	44		2	3	5		2	5	5		1		1		2		
1991	1	40		1	6	9		1	9	9								
	2	40	2	5	8	16	1	4	13	13		1		1		5	2	2
	3	40		2	4	8		2	8	8		2		3	1	6	5	5
	1	42		1	4	8		1	6	6								
	2	42	1	1	8	15	1	1	13	13		1		1		1	1	1
	3	42		1	4	6		1	6	6		1		1		3	3	3
	1	44		1	2	8		1	6	6								
	2	44		1	8	12		1	12	12						1	1	1
	3	44		1	4	5		1	6	6		1		1		1	1	1
1992	1	40			2	2			2	2								
	2	40	1	1	2	2			5	5								
	3	40				1			3	3							2	2
	1	42				2			2	2								
	2	42			2	2			5	5								
	3	42				1			1	1								
	1	44				2			2	2								
	2	44			2	2			3	3								
	3	44				1												
1993	1	40		1	6	10		1	8	8								
	2	40		3	8	16		3	14	14		1		2	1	4	3	3
	3	40	1	3	3	6		2	7	7		2		3		5	4	4
	1	42		1	4	6		1	6	6								
	2	42		2	8	14		2	12	12		1		1		1	1	1
	3	42	1	2	3	5		1	7	7				1		3	3	3
	1	44			2	6			5	5								
	2	44		2	8	14		2	11	11						1	1	1
	3	44		1	3	5		1	7	7						1	1	1
1994	1	40		2	8	10		2	9	9								
	2	40		3	9	11		3	10	10		1		2		6	1	1
	3	40	1	2	2	3	1	2	2	2		2		2		2	1	1
	1	42		1	6	8		1	7	7								
	2	42		2	8	11		2	9	9				1		2	1	1
	3	42		1	2	3		1	2	2		1		1		2	1	1
	1	44			3	7			4	4								
	2	44		2	8	11		2	9	9								
	3	44		1	2	2		1	2	2		1		1		1	1	1
1995	1	40			2	5			4	4								
	2	40		1	2	5		1	7	7						2		
	3	40			2	3			4	4				1		3		
	1	42			1	3			2	2								
	2	42			2	5			6	6								
	3	42			2	3			3	3						1		
	1	44			1	2			2	2								
	2	44			2	5			6	6								
	3	44			1	3			3	3								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(16a)

City	Sydney	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40				5			3	3								
	2	40			3	6			6	6								
	3	40				2			4	4						2		
	1	42				5			1	1								
	2	42			3	5			6	6								
	3	42				2			3	3								
	1	44				2												
	2	44				5			6	6								
	3	44				2			2	2								
1997	1	40			4	8			6	6								
	2	40		1	6	10		1	12	12				1		4		
	3	40		1	2	4		1	6	6		1		1		4	2	2
	1	42			3	6			5	5								
	2	42		1	6	10		1	9	9								
	3	42			1	4			6	6						2		
	1	44			1	6			5	5								
	2	44		1	6	8		1	7	7								
	3	44			1	4			3	3								
1998	1	40			3	9			8	8								
	2	40		1	5	18		1	18	18						2	1	1
	3	40		1	2	9		1	10	10		2		2		7	1	1
	1	42			1	7			5	5								
	2	42			4	15			16	16								
	3	42		1	2	9		1	9	9				1		2	1	1
	1	44			1	4			1	1								
	2	44			3	12			13	13								
	3	44			2	7			9	9						1		
1999	1	40				1			1	1								
	2	40			1	2			2	2								
	3	40			1	2			2	2						2		
	1	42				1			1	1								
	2	42				2			1	1								
	3	42			1	2			2	2								
	1	44																
	2	44				1			1	1								
	3	44				1			1	1								
2000	1	40			6	9			8	8								
	2	40		3	8	11		3	13	13						5	1	1
	3	40		2	3	7		2	7	7		3		3		4	3	3
	1	42			3	8			7	7								
	2	42		1	8	11		1	12	12								
	3	42		1	3	5		1	7	7				1		3		
	1	44			2	8			5	5								
	2	44			8	10			11	11								
	3	44		1	3	4		1	7	7						1		
2001	1	40			1	4			4	4								
	2	40			2	7			10	10							1	1
	3	40			1	5			9	9				1		4	8	8
	1	42				2			2	2								
	2	42			1	7			9	9							1	1
	3	42			1	4			5	5						1	1	1
	1	44				1			2	2								
	2	44			1	5			8	8								
	3	44			1	3			5	5							1	1

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	2			2	2								
	2	40			2	4			3	4								
	3	40			1	2			2	2								
	1	42				2				2								
	2	42			2	4			2	4								
	3	42			1	2			2	2								
	1	44				2				2								
	2	44			2	2			2	2								
	3	44			1	2			2	2								
1991	1	40			1	1			1	1								
	2	40			1	3			2	3								
	3	40			1	1			2	2								
	1	42				1				1								
	2	42			1	1			1	1								
	3	42			1	1			2	2								
	1	44				1				1								
	2	44			1	1			1	1								
	3	44			1	1			1	1								
1992	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40				1			1	1								
	2	40			1	2			3	3								
	3	40				1			1	1								
	1	42				1				1								
	2	42			1	2			2	2								
	3	42				1			1	1								
	1	44																
	2	44			1	2			1	2								
	3	44				1			1	1								
1994	1	40				2				2								
	2	40			1	3			2	3								
	3	40			1	1			1	1								
	1	42				1				1								
	2	42			1	2			1	2								
	3	42			1	1			1	1								
	1	44																
	2	44			1	2			1	2								
	3	44			1	1			1	1								
1995	1	40																
	2	40				1				1								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1				1								
	2	40				2			1	2								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44				1				1								
	3	44																
1998	1	40																
	2	40				1			1	1								
	3	40				1			1	1								
	1	42																
	2	42				1			1	1								
	3	42				1			1	1								
	1	44																
	2	44																
	3	44				1				1								
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40																
	2	40				3			1	3								
	3	40				1			1	1								
	1	42																
	2	42				2			1	2								
	3	42				1				1								
	1	44																
	2	44				1				1								
	3	44				1				1								
2001	1	40																
	2	40							1	1								
	3	40							1	1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			2									
	2	40			2	4			3	3								
	3	40			2	2			2	2								
	1	42			1	2			1									
	2	42			2	4			2	2								
	3	42			1	2			2	2								
	1	44				2												
	2	44			2	4			2	1								
	3	44			1	2			2	2								
1991	1	40			1	1			1									
	2	40			1	6			2	2								
	3	40			1	2			2	2								
	1	42				1												
	2	42			1	4			1	1								
	3	42			1	2			2	2								
	1	44				1												
	2	44			1	3			1	1								
	3	44			1	1			1	1								
1992	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1993	1	40				2			1	1								
	2	40			1	5			3	3								
	3	40				3			1	1								
	1	42				1												
	2	42			1	4			2	2								
	3	42				3			1	1								
	1	44				1												
	2	44			1	3			1	1								
	3	44				2			1	1								
1994	1	40				2												
	2	40			2	6			3	2								
	3	40			1	2			1	1								
	1	42				2												
	2	42			1	6			1	1								
	3	42			1	2			1	1								
	1	44				1												
	2	44			1	4			1	1								
	3	44			1	2			1	1								
1995	1	40				1												
	2	40				2												
	3	40																
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44				1												
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40				1												
	2	40			1	4			2	1								
	3	40				1												
	1	42				1												
	2	42				4												
	3	42				1												
	1	44																
	2	44				3												
	3	44				1												
1998	1	40				1												
	2	40				2			1	1								
	3	40				2			1	1								
	1	42																
	2	42				1			1	1								
	3	42				2			1	1								
	1	44																
	2	44				1												
	3	44				1												
1999	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				2												
	2	40				5			1	1								
	3	40				3			1	1								
	1	42																
	2	42				3			1	1								
	3	42				2												
	1	44																
	2	44				3												
	3	44				2												
2001	1	40																
	2	40							1	1								
	3	40							1	1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40			2	4			3	4								
	2	40		1	4	5		1	5	5								
	3	40			2	3			3	3								
	1	42			2	4			2	4								
	2	42		1	4	5		1	5	5								
	3	42			2	3			3	3								
	1	44			2	2			2	2								
	2	44			2	4			4	4								
	3	44			2	3			2	3								
1991	1	40			1	3			5	5								
	2	40		1	4	8		1	6	8								
	3	40			1	4			3	4								
	1	42			1	1			1	1								
	2	42			2	6			6	6								
	3	42			1	4			3	4								
	1	44			1	1			1	1								
	2	44			2	6			6	6								
	3	44			1	4			3	4								
1992	1	40																
	2	40				2			2	2								
	3	40																
	1	42																
	2	42				2			2	2								
	3	42																
	1	44																
	2	44				2			2	2								
	3	44																
1993	1	40			1	4			5	5								
	2	40			2	6			6	7								
	3	40			1	3			3	3								
	1	42			1	2			3	3								
	2	42			2	5			6	6								
	3	42			1	3			3	3								
	1	44				2			1	2								
	2	44			2	5			5	5								
	3	44			1	3			3	3								
1994	1	40			2	6			3	6								
	2	40			4	7			7	8								
	3	40			1	2			2	2								
	1	42			1	2			1	2								
	2	42			3	7			6	6								
	3	42			1	2			2	2								
	1	44				2			1	2								
	2	44			3	7			4	6								
	3	44			1	2			2	2								
1995	1	40				2			1	2								
	2	40			1	2			2	2								
	3	40				1			2	2								
	1	42				1				1								
	2	42			1	2			2	2								
	3	42				1			1	1								
	1	44																
	2	44				2			2	2								
	3	44				1			1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40				1			1	2								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40			1	4			4	5								
	2	40			2	6			5	6								
	3	40				1			2	2								
	1	42				1			1	2								
	2	42			1	5			5	6								
	3	42				1			2	2								
	1	44				1				1								
	2	44			1	4			5	5								
	3	44				1			2	2								
1998	1	40				1			1	1								
	2	40			1	4			5	5								
	3	40			1	2			3	3								
	1	42				1			1	1								
	2	42			1	3			3	3								
	3	42			1	2			3	3								
	1	44																
	2	44				3			1	3								
	3	44			1	2			2	2								
1999	1	40																
	2	40							1	1								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40				3			3	4								
	2	40			3	8			7	8								
	3	40			1	3			3	3								
	1	42				3			1	3								
	2	42			2	6			6	7								
	3	42			1	3			3	3								
	1	44																
	2	44			1	5			5	6								
	3	44			1	3			3	3								
2001	1	40							1	1								
	2	40				1			2	2								
	3	40				1			3	3								
	1	42							1	1								
	2	42				1			2	2								
	3	42				1			2	2								
	1	44																
	2	44				1			2	2								
	3	44				1			1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1990	1	40		1	2	5		1	3	3								
	2	40		2	4	5		2	5	5								
	3	40		1	2	3		1	3	3								
	1	42			2	4			2	2								
	2	42		2	4	5		2	5	5								
	3	42			2	3			3	3								
	1	44			2	4			2	1								
	2	44		2	4	5		2	4	4								
	3	44			2	3			2	2								
1991	1	40			1	6			5	5								
	2	40		1	4	8		1	6	6								
	3	40			2	4			3	3								
	1	42			1	5			1	1								
	2	42		1	4	8		1	6	6								
	3	42			2	4			3	3								
	1	44			1	3			1	1								
	2	44		1	2	8		1	6	6								
	3	44			1	4			3	3								
1992	1	40				2												
	2	40				2			2	2								
	3	40																
	1	42																
	2	42				2			2	2								
	3	42																
	1	44																
	2	44				2			2	2								
	3	44																
1993	1	40			2	5			5	5								
	2	40		1	4	6		1	6	6								
	3	40			2	3			3	3								
	1	42			1	5			3	3								
	2	42			2	6			6	6								
	3	42			1	3			3	3								
	1	44			1	2			1	1								
	2	44			2	6			5	5								
	3	44			1	3			3	3								
1994	1	40			2	6			3	3								
	2	40		1	6	8		1	7	7								
	3	40		1	2	2		1	2	2								
	1	42			2	6			2	1								
	2	42			4	8			6	6								
	3	42		1	2	2		1	2	2								
	1	44			1	3			1	1								
	2	44			3	7			4	4								
	3	44		1	1	2		1	2	2								
1995	1	40				2			1	1								
	2	40			1	3			2	2								
	3	40				2			2	2								
	1	42				2												
	2	42			1	2			2	2								
	3	42				2			1	1								
	1	44				1												
	2	44			1	2			2	2								
	3	44				2			1	1								

APPENDIX - 16
(Predicted dangerous days - 1990 - 2001)

Table - 16(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.
1996	1	40																
	2	40				5			1	1								
	3	40																
	1	42																
	2	42				3												
	3	42																
	1	44																
	2	44				2												
	3	44																
1997	1	40			1	5			4	3								
	2	40			3	6			5	5								
	3	40				3			2	2								
	1	42				4			1	1								
	2	42			2	6			5	5								
	3	42				3			2	2								
	1	44				2												
	2	44			1	6			5	5								
	3	44				1			2	2								
1998	1	40				3			1	1								
	2	40			1	7			5	5								
	3	40			1	3			3	3								
	1	42				1			1	1								
	2	42			1	5			3	3								
	3	42			1	3			3	3								
	1	44				1												
	2	44			1	4			1	1								
	3	44			1	2			2	2								
1999	1	40																
	2	40				1			1	1								
	3	40				1												
	1	42																
	2	42				1			1	1								
	3	42				1												
	1	44																
	2	44																
	3	44				1												
2000	1	40				6			3	3								
	2	40			3	8			7	7								
	3	40			2	3			3	3								
	1	42				4			1	1								
	2	42			3	8			6	6								
	3	42			1	3			3	3								
	1	44				3												
	2	44			2	8			5	5								
	3	44			1	3			3	3								
2001	1	40				1			1	1								
	2	40				2			2	2								
	3	40				1			3	3								
	1	42							1	1								
	2	42				2			2	2								
	3	42				1			2	2								
	1	44																
	2	44				1			2	2								
	3	44				1			1	1								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40				2				2								
	2	40			2	9			3	8								
	3	40				6			2	6								
	1	42																
	2	42			1	9			2	8								
	3	42				5			1	5								
	1	44																
	2	44				6			1	6								
	3	44				5			1	5								
1991	1	40																
	2	40			3	5			3	3								
	3	40							1	1								
	1	42																
	2	42			2	3			2	2								
	3	42							1	1								
	1	44																
	2	44			2	2			2	2								
	3	44							1	1								
1992	1	40				1				1								
	2	40			1	3			9	9								
	3	40				2			11	11								
	1	42																
	2	42			1	2			6	7								
	3	42				1			4	5								
	1	44																
	2	44				1			2	3								
	3	44				1			3	4								
1993	1	40																
	2	40				2			1	3								
	3	40							1	1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1994	1	40			3	4			4	4								
	2	40		1	4	6		1	10	10								
	3	40			1	5			9	9								
	1	42			1	1			2	2								
	2	42		1	4	6		1	9	9								
	3	42			1	5			8	8								
	1	44			1	1			1	1								
	2	44			4	5			7	7								
	3	44			1	5			8	8								
1995	1	40			1	2			2	2								
	2	40			2	2			7	7								
	3	40			2	2			5	5								
	1	42				1				1								
	2	42			1	2			5	5								
	3	42			1	2			5	5								
	1	44				1				1								
	2	44			1	2			4	4								
	3	44			1	2			4	4								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40																
	3	40								1								
	1	42																
	2	42																
	3	42								1								
	1	44																
	2	44																
	3	44																
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40							1	1								
	3	40							2	2								
	1	42																
	2	42							1	1								
	3	42							1	1								
	1	44																
	2	44							1	1								
	3	44																
1999	1	40																
	2	40							2	2								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44							1	1								
	3	44																
2000	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			3	3								
	3	40							1	1								
	1	42																
	2	42			1	1			2	2								
	3	42																
	1	44																
	2	44							1	1								
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40				8												
	2	40			3	9			3	3								
	3	40			1	8			2	2								
	1	42				4												
	2	42			2	9			2	2								
	3	42			1	8			1	1								
	1	44				1												
	2	44				8			1	1								
	3	44				8			1	1								
1991	1	40				1												
	2	40			3	8			3	3								
	3	40				1			1	1								
	1	42																
	2	42			2	4			2	2								
	3	42				1			1	1								
	1	44																
	2	44			2	4			2	2								
	3	44				1			1	1								
1992	1	40				1												
	2	40			1	7			9	9								
	3	40			1	3			11	11								
	1	42				1												
	2	42			1	4			6	6								
	3	42			1	2			5	4								
	1	44																
	2	44				3			2	2								
	3	44				2			3	3								
1993	1	40																
	2	40				5			1	1								
	3	40				2			1	1								
	1	42																
	2	42				4												
	3	42				1												
	1	44																
	2	44				2												
	3	44				1												
1994	1	40		1	3	5		1	4	4								
	2	40		1	5	10		1	10	10								
	3	40			2	5			9	9								
	1	42			1	3			2	2								
	2	42		1	4	7		1	9	9								
	3	42			2	5			8	8								
	1	44			1	1			1									
	2	44		1	4	6		1	7	7								
	3	44			1	5			8	8								
1995	1	40			1	2			2	2								
	2	40			2	6			7	7								
	3	40			2	3			5	5								
	1	42				2												
	2	42			2	3			5	5								
	3	42			2	2			5	5								
	1	44				2												
	2	44			1	3			4	4								
	3	44			2	2			4	4								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40				2												
	3	40				1												
	1	42																
	2	42				1												
	3	42				1												
	1	44																
	2	44				1												
	3	44				1												
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40				1			1	1								
	3	40							2	2								
	1	42																
	2	42				1			1	1								
	3	42							1	1								
	1	44																
	2	44							1	1								
	3	44																
1999	1	40																
	2	40				1			2	2								
	3	40							1	1								
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44							1	1								
	3	44																
2000	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			3	3								
	3	40							1	1								
	1	42																
	2	42			1	1			2	2								
	3	42																
	1	44																
	2	44							1	1								
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40			1	9			2	8								
	2	40			8	10			17	17								
	3	40			3	8			11	13								
	1	42				4			1	4								
	2	42			3	9			13	13								
	3	42			2	8			10	12								
	1	44				1				1								
	2	44			3	9			7	11								
	3	44			2	8			5	9								
1991	1	40			2	3			2	2								
	2	40			4	9			12	13								
	3	40			1	2			8	8								
	1	42			1	1												
	2	42			4	6			6	6								
	3	42			1	2			5	5								
	1	44																
	2	44			3	5			5	5								
	3	44				1			4	4								
1992	1	40			1	2			6	7								
	2	40			2	7			26	26								
	3	40			1	3			24	24								
	1	42				1			1	2								
	2	42			2	4			23	23								
	3	42			1	2			18	18								
	1	44																
	2	44			1	4			17	17								
	3	44			1	2			18	18								
1993	1	40				1				1								
	2	40			1	6			10	11								
	3	40				2			8	8								
	1	42																
	2	42			1	6			7	10								
	3	42				1			7	7								
	1	44																
	2	44				2			3	5								
	3	44				1			7	7								
1994	1	40		1	4	6		1	9	9								
	2	40		1	6	11		1	16	17								
	3	40			5	6			18	18								
	1	42			3	4			5	5								
	2	42		1	5	7		1	16	16								
	3	42			2	6			15	15								
	1	44			2	2			3	3								
	2	44		1	5	6		1	12	12								
	3	44			2	5			13	13								
1995	1	40			1	2			5	5								
	2	40			2	6			18	20								
	3	40			2	3			17	18								
	1	42			1	2			3	3								
	2	42			2	3			15	15								
	3	42			2	2			12	12								
	1	44				2				2								
	2	44			2	3			9	9								
	3	44			2	2			11	11								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40				2			6	6								
	3	40				1			5	5								
	1	42																
	2	42				1			4	4								
	3	42				1			3	3								
	1	44																
	2	44				1			1	1								
	3	44				1			3	3								
1997	1	40																
	2	40																
	3	40							1	1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40							1	1								
	2	40				1			12	12								
	3	40							9	9								
	1	42																
	2	42				1			4	4								
	3	42							6	6								
	1	44																
	2	44							2	2								
	3	44							3	3								
1999	1	40							1	1								
	2	40				1			7	7								
	3	40							6	6								
	1	42																
	2	42				1			5	5								
	3	42							4	4								
	1	44																
	2	44							2	2								
	3	44							3	3								
2000	1	40																
	2	40							3	3								
	3	40							3	3								
	1	42																
	2	42							3	3								
	3	42							2	2								
	1	44																
	2	44							1	1								
	3	44							1	1								
2001	1	40			1	1			2	2								
	2	40			1	1			9	9								
	3	40							7	7								
	1	42																
	2	42			1	1			4	4								
	3	42							6	6								
	1	44																
	2	44			1	1			3	3								
	3	44							4	4								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40			2	9			2	2								
	2	40			10	13			17	17								
	3	40			5	9			11	11								
	1	42				8			1	1								
	2	42			7	11			13	13								
	3	42			5	8			10	10								
	1	44				6												
	2	44			3	9			7	7								
	3	44			2	8			6	5								
1991	1	40			2	4			2	2								
	2	40			5	11			12	12								
	3	40			1	6			8	8								
	1	42			1	3												
	2	42			4	9			6	6								
	3	42			1	4			5	5								
	1	44																
	2	44			3	8			5	5								
	3	44				3			4	4								
1992	1	40			1	4			6	6								
	2	40			2	9			26	26								
	3	40			1	8			24	24								
	1	42				2			1	1								
	2	42			2	7			23	23								
	3	42			1	6			18	18								
	1	44				1												
	2	44			2	7			17	17								
	3	44			1	5			18	18								
1993	1	40				5												
	2	40			1	8			10	10								
	3	40				4			8	8								
	1	42				1												
	2	42			1	8			7	7								
	3	42				3			7	7								
	1	44																
	2	44				5			3	3								
	3	44				3			7	7								
1994	1	40		1	4	7		1	9	9								
	2	40	1	1	7	15	1	1	16	16								
	3	40		1	5	9		1	18	18								
	1	42		1	3	5		1	5	5								
	2	42		1	5	12		1	16	16								
	3	42			5	7			15	15								
	1	44			2	3			3	3								
	2	44		1	5	11		1	12	12								
	3	44			5	6			13	13								
1995	1	40			2	3			5	5								
	2	40		1	2	10		1	18	18								
	3	40			2	5			17	17								
	1	42			1	2			3	3								
	2	42		1	2	7		1	15	15								
	3	42			2	4			12	12								
	1	44			1	2			1									
	2	44			2	6			9	9								
	3	44			2	4			11	11								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40				1												
	2	40				3			6	6								
	3	40				4			5	5								
	1	42																
	2	42				2			4	4								
	3	42				2			3	3								
	1	44																
	2	44				2			1	1								
	3	44				1			3	3								
1997	1	40																
	2	40																
	3	40							1	1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40				1			1	1								
	2	40				1			12	12								
	3	40				1			9	9								
	1	42																
	2	42				1			4	4								
	3	42				1			6	6								
	1	44																
	2	44				1			2	2								
	3	44							3	3								
1999	1	40				1			1	1								
	2	40				2			7	7								
	3	40				1			6	6								
	1	42																
	2	42				2			5	5								
	3	42							4	4								
	1	44																
	2	44				1			2	2								
	3	44							3	3								
2000	1	40																
	2	40				1			3	3								
	3	40				1			3	3								
	1	42																
	2	42				1			3	3								
	3	42							2	2								
	1	44																
	2	44							1	1								
	3	44							1	1								
2001	1	40			1	1			2	2								
	2	40			1	5			9	9								
	3	40				1			7	7								
	1	42																
	2	42			1	2			4	4								
	3	42				1			6	6								
	1	44																
	2	44			1	1			3	3								
	3	44				1			4	4								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(3)

City	Townsville	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	9			2	8								
	2	40			8	10			18	18								
	3	40			3	8			12	14								
	1	42				5			1	5								
	2	42			5	9			14	14								
	3	42			2	8			10	12								
	1	44				1				1								
	2	44			3	9			9	11								
	3	44			2	8			6	9								
1991	1	40			3	4			2	2								
	2	40			5	10			14	15								
	3	40			1	2			11	11								
	1	42			1	1			1	1								
	2	42			4	7			6	7								
	3	42			1	2			6	6								
	1	44																
	2	44			4	6			5	5								
	3	44				1			5	5								
1992	1	40			1	3			7	8								
	2	40			2	7			28	28								
	3	40			1	3			26	26								
	1	42				1			2	3								
	2	42			2	4			24	24								
	3	42			1	3			21	21								
	1	44																
	2	44			1	4			20	20								
	3	44			1	2			18	18								
1993	1	40				1				1								
	2	40			1	6			10	11								
	3	40				2			8	8								
	1	42																
	2	42			1	6			9	11								
	3	42				1			8	8								
	1	44																
	2	44			1	3			5	7								
	3	44				1			7	7								
1994	1	40		1	4	6		1	9	9								
	2	40		1	6	11		1	17	18								
	3	40			5	6			20	20								
	1	42			3	4			6	6								
	2	42		1	5	8		1	16	16								
	3	42			4	6			16	16								
	1	44			2	2			3	3								
	2	44		1	5	7		1	14	14								
	3	44			2	5			14	14								
1995	1	40			1	2			5	5								
	2	40			2	6			19	21								
	3	40			2	4			18	19								
	1	42			1	2			3	3								
	2	42			2	3			17	17								
	3	42			2	2			13	13								
	1	44				2				2								
	2	44			2	3			10	10								
	3	44			2	2			11	11								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(3)

City	Townsville	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40																
	2	40				2			8	8								
	3	40				1			6	6								
	1	42																
	2	42				1			5	5								
	3	42				1			3	3								
	1	44																
	2	44				1			2	2								
	3	44				1			3	3								
1997	1	40																
	2	40																
	3	40							1	1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40							1	1								
	2	40				1			12	12								
	3	40							11	11								
	1	42																
	2	42				1			6	6								
	3	42							6	6								
	1	44																
	2	44							3	3								
	3	44							4	4								
1999	1	40							1	1								
	2	40				1			10	10								
	3	40							6	6								
	1	42							1	1								
	2	42				1			6	6								
	3	42							4	4								
	1	44																
	2	44							3	3								
	3	44							3	3								
2000	1	40																
	2	40							3	3								
	3	40							3	3								
	1	42																
	2	42							3	3								
	3	42							2	2								
	1	44																
	2	44							1	1								
	3	44							2	2								
2001	1	40			1	1			3	3								
	2	40			1	1			10	10								
	3	40							11	11								
	1	42																
	2	42			1	1			6	6								
	3	42							7	7								
	1	44																
	2	44			1	1			4	4								
	3	44							5	5								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(3a)

City	Townsville	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	9			2	2								
	2	40			10	13			18	18								
	3	40			5	9			12	12								
	1	42				8			1	1								
	2	42			7	11			14	14								
	3	42			5	8			10	10								
	1	44				6												
	2	44			5	9			10	9								
	3	44			3	8			7	6								
1991	1	40			3	6			2	2								
	2	40			6	12			14	14								
	3	40			1	6			11	11								
	1	42			1	3			1	1								
	2	42			4	9			6	6								
	3	42			1	5			6	6								
	1	44																
	2	44			4	9			5	5								
	3	44				3			5	5								
1992	1	40			1	4			7	7								
	2	40			2	10			28	28								
	3	40			1	9			26	26								
	1	42				2			2	2								
	2	42			2	7			24	24								
	3	42			1	6			21	21								
	1	44				1												
	2	44			2	7			20	20								
	3	44			1	5			18	18								
1993	1	40				5												
	2	40			2	9			10	10								
	3	40				4			8	8								
	1	42				2												
	2	42			1	8			9	9								
	3	42				3			8	8								
	1	44																
	2	44			1	7			5	5								
	3	44				3			7	7								
1994	1	40		1	4	8		1	9	9								
	2	40	1	1	7	15	1	1	17	17								
	3	40		1	5	11		1	20	20								
	1	42		1	3	5		1	6	6								
	2	42		1	5	13		1	16	16								
	3	42		1	5	7		1	16	16								
	1	44			2	3			3	3								
	2	44		1	5	12		1	14	14								
	3	44			5	6			14	14								
1995	1	40			2	3			5	5								
	2	40		1	2	10		1	19	19								
	3	40			2	6			18	18								
	1	42			1	2			3	3								
	2	42		1	2	8		1	17	17								
	3	42			2	5			13	13								
	1	44			1	2			1									
	2	44			2	7			10	10								
	3	44			2	4			11	11								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(3a)

City	Townsville	Dress	Fully Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				1												
	2	40				4			8	8								
	3	40				4			6	6								
	1	42																
	2	42				2			5	5								
	3	42				2			3	3								
	1	44																
	2	44				2			2	2								
	3	44				2			3	3								
1997	1	40																
	2	40																
	3	40							1	1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40				1			1	1								
	2	40				2			12	12								
	3	40				1			11	11								
	1	42																
	2	42				1			6	6								
	3	42				1			6	6								
	1	44																
	2	44				1			3	3								
	3	44							4	4								
1999	1	40				1			1	1								
	2	40				2			10	10								
	3	40				2			6	6								
	1	42							1	1								
	2	42				2			6	6								
	3	42							4	4								
	1	44																
	2	44				1			3	3								
	3	44							3	3								
2000	1	40																
	2	40				1			3	3								
	3	40				2			3	3								
	1	42																
	2	42				1			3	3								
	3	42							2	2								
	1	44																
	2	44				1			1	1								
	3	44							2	2								
2001	1	40			1	1			3	3								
	2	40			1	5			10	10								
	3	40				2			11	11								
	1	42																
	2	42			1	4			6	6								
	3	42				1			7	7								
	1	44																
	2	44			1	1			4	4								
	3	44				1			5	5								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(4)

City	Townsville	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			11	20			82	82								
	2	40	23	29	17	51	2	8	130	130	21	21	25	25	50	50	115	120
	3	40	3	7	9	38	7	11	127	127	35	36	54	55	89	93	146	150
	1	42			10	13			47	47								
	2	42	16	20	14	35		4	120	120			1	1	5	5	64	64
	3	42	3	5	9	31	1	3	116	117	15	15	28	28	46	47	119	125
	1	44			8	10			20	20								
	2	44	11	13	13	28		2	109	109					1	1	9	9
	3	44	2	4	9	26		2	106	107	6	6	7	7	14	15	79	81
1991	1	40	5	5	16	20			55	55								
	2	40	15	15	23	32	19	19	113	113	41	41	48	48	59	59	87	87
	3	40	2	2	9	18	34	35	102	102	45	45	58	58	76	76	123	124
	1	42			10	15			33	34								
	2	42	12	12	19	27	3	3	93	93	18	18	23	23	37	37	63	63
	3	42	2	2	8	15	15	15	86	86	33	33	41	41	56	56	97	97
	1	44			5	10			14	15								
	2	44	11	11	19	25			76	76	1	1	3	3	12	12	35	35
	3	44	2	2	6	14	5	5	76	76	27	27	31	31	41	41	71	71
1992	1	40			8	20			73	74			1	1	1	1	5	5
	2	40	11	12	13	46	17	18	129	129	50	50	53	53	61	61	102	102
	3	40	2	3	11	32	32	34	126	126	53	53	66	67	86	87	147	151
	1	42			4	9			46	46								
	2	42	6	7	11	40	7	8	116	117	27	27	31	31	38	38	64	64
	3	42	1	2	10	30	16	17	117	118	46	46	53	53	56	57	108	108
	1	44			2	7			32	32								
	2	44	2	2	10	33	1	1	102	104	8	8	8	8	9	9	39	39
	3	44		1	8	26	9	10	109	111	33	33	36	36	41	41	73	74
1993	1	40	1	1	8	12			37	37								
	2	40	15	15	11	19	5	5	105	105	15	15	17	17	21	21	81	83
	3	40			5	13	8	8	100	100	25	25	41	41	64	64	127	131
	1	42			3	8			19	19								
	2	42	7	7	10	16			86	86	6	6	7	7	7	7	26	26
	3	42			4	13	3	3	90	90	14	14	25	25	31	31	87	89
	1	44			1	6			11	12								
	2	44	3	3	9	13			63	63	1	1	4	4	4	4	7	7
	3	44			3	10	2	2	75	75	7	7	7	7	14	14	47	47
1994	1	40	5	5	17	24	1	1	64	65	1	1	2	2	3	3	8	8
	2	40	20	21	24	32	22	22	106	107	45	45	49	49	59	59	87	87
	3	40	3	7	13	23	36	36	107	107	57	57	66	66	75	75	116	119
	1	42	1	1	11	18	1	1	40	41							1	1
	2	42	18	19	24	31	8	8	93	94	25	25	30	30	34	34	66	66
	3	42	3	4	10	21	24	24	94	94	46	46	51	51	63	63	90	90
	1	44		1	7	12		1	20	21								
	2	44	14	15	22	28	4	4	81	81	9	9	13	13	17	17	33	33
	3	44	2	4	8	20	9	9	84	84	35	35	38	38	47	47	71	71
1995	1	40		1	7	13		1	72	72	1	1	1	1	2	2	5	5
	2	40	2	3	12	31	19	19	153	154	47	47	57	57	69	69	123	123
	3	40		2	6	21	36	36	146	146	69	70	78	78	92	92	161	164
	1	42		1	4	11		1	42	42								
	2	42	2	3	12	25	6	7	134	135	20	20	23	23	35	35	74	74
	3	42		2	5	18	20	20	138	138	51	52	58	59	69	69	122	124
	1	44			3	7			24	25								
	2	44	1	3	9	18	3	5	107	108	7	7	11	11	13	13	30	30
	3	44		2	4	18	8	9	121	121	26	26	36	36	47	48	81	81

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(4)

City	Townsville	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			3	8			84	84								
	2	40	3	3	6	19	5	5	160	161	30	30	45	45	56	56	113	113
	3	40			4	14	19	19	156	156	60	60	68	68	89	89	164	166
	1	42			1	4			31	32								
	2	42	3	3	4	14			144	145	9	9	15	15	26	26	66	66
	3	42			2	11	5	5	144	144	26	26	39	39	62	62	122	123
	1	44				2			12	12								
	2	44	1	1	3	12			121	122			1	1	2	2	18	18
	3	44			2	10			129	129	13	13	18	18	26	26	78	78
1997	1	40	1	1	1	1			47	47								
	2	40	3	3	1	8	7	7	105	106	29	29	35	35	52	52	91	91
	3	40				5	23	23	101	101	43	43	54	54	73	73	120	120
	1	42			1	1			15	15								
	2	42	2	2	1	7			90	91	5	5	10	10	18	18	52	52
	3	42				4	7	7	93	93	27	27	35	35	49	49	96	96
	1	44							1	1								
	2	44	1	1	1	3			71	71			4	4	5	5	13	13
	3	44				4	3	3	80	80	13	13	22	22	31	31	72	72
1998	1	40			1	3			87	87							1	1
	2	40	6	6	4	20	12	12	167	167	63	63	74	74	97	97	153	153
	3	40			1	15	41	41	157	157	99	99	111	111	140	140	200	200
	1	42				1			49	49								
	2	42	3	3	2	13	3	3	147	147	18	18	24	24	41	41	103	103
	3	42			1	12	19	19	144	144	60	60	78	78	104	104	167	167
	1	44				1			16	16								
	2	44	2	2	1	8	1	1	123	123	2	2	4	4	7	7	37	37
	3	44			1	4	4	4	134	134	28	28	37	37	56	56	121	121
1999	1	40			1	6			59	59								
	2	40	3	3	3	16	7	7	121	121	44	44	50	50	64	64	115	115
	3	40			3	12	38	38	117	117	73	73	80	80	102	102	148	148
	1	42				2			29	29								
	2	42	1	1	2	14			108	108	15	15	22	22	30	30	68	68
	3	42			1	11	14	14	109	109	47	47	54	54	70	70	125	125
	1	44				1			11	11								
	2	44	1	1	1	10			91	91					3	3	26	26
	3	44				8	1	1	98	98	23	23	34	34	46	46	86	86
2000	1	40				3			37	37								
	2	40	5	5	2	7	5	5	109	109	27	27	38	38	56	56	112	112
	3	40			2	6	22	22	100	100	50	50	63	63	99	99	172	174
	1	42				1			11	12								
	2	42	5	5	1	7			86	86	7	7	11	11	22	22	56	56
	3	42			1	4	7	7	89	89	27	27	37	37	59	59	117	117
	1	44							3	3								
	2	44	2	2	1	6			71	71					4	4	16	16
	3	44				2	2	2	74	74	10	10	15	15	34	34	81	81
2001	1	40	1	1	5	12			79	79							2	2
	2	40	9	9	9	36	9	9	140	140	34	34	38	38	51	51	101	101
	3	40			3	24	31	31	140	140	54	54	64	64	74	74	141	143
	1	42			2	6			37	37								
	2	42	6	6	9	27	2	2	125	125	14	14	20	20	25	25	59	59
	3	42			1	17	14	14	130	130	31	31	42	42	56	56	106	106
	1	44			1	1			11	11								
	2	44	5	5	5	17			109	109	3	3	3	3	4	4	24	24
	3	44			1	14	5	5	118	118	19	19	26	26	34	34	74	74

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(4a)

City	Townsville	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		4	11	35		4	82	82								
	2	40	23	31	21	83	2	12	130	130	21	29	25	34	50	82	115	115
	3	40	3	12	12	69	8	16	127	127	35	65	54	105	89	163	146	146
	1	42		1	10	21		1	47	47								
	2	42	16	24	16	74		9	120	120		4	1	7	5	13	64	64
	3	42	3	12	9	59	1	10	116	116	15	24	28	43	46	107	119	119
	1	44			10	14			20	20								
	2	44	11	18	14	57		7	109	109				1	1	5	9	9
	3	44	2	10	9	47		8	106	106	6	12	7	15	14	32	79	79
1991	1	40	5	5	16	27			55	55								
	2	40	15	19	23	56	19	25	113	113	41	42	48	53	59	66	87	87
	3	40	2	4	10	41	34	38	102	102	45	50	58	67	76	157	123	123
	1	42			10	19			33	33								
	2	42	12	14	21	45	3	7	93	93	18	18	23	23	37	42	63	63
	3	42	2	3	9	33	15	18	86	86	33	40	41	46	56	69	97	97
	1	44			6	12			14	14								
	2	44	11	12	19	36		1	76	76	1	1	3	3	12	12	35	35
	3	44	2	3	8	26	5	7	76	76	27	29	31	34	41	47	71	71
1992	1	40		1	8	39		1	73	73			1	1	1	1	5	5
	2	40	11	16	18	72	17	22	129	129	50	52	53	56	61	72	102	102
	3	40	2	10	15	59	32	36	126	126	53	65	66	93	86	153	147	147
	1	42			4	23			46	46								
	2	42	6	8	13	59	7	11	116	116	27	28	31	32	38	41	64	64
	3	42	1	5	11	56	16	20	117	117	46	50	53	58	56	87	108	108
	1	44			2	11			32	32								
	2	44	2	3	11	48	1	2	102	102	8	8	8	8	9	10	39	39
	3	44		3	10	49	9	12	109	109	33	34	36	38	41	49	73	73
1993	1	40	1	1	8	16			37	37								
	2	40	15	20	12	32	5	10	105	105	15	20	17	23	21	32	81	81
	3	40		4	6	28	8	11	100	100	25	33	41	62	64	148	127	127
	1	42			3	10			19	19								
	2	42	7	9	11	24		2	86	86	6	6	7	7	7	13	26	26
	3	42		1	6	22	3	4	90	90	14	19	25	30	31	60	87	87
	1	44			2	9			11	11								
	2	44	3	3	10	21			63	63	1	1	4	4	4	4	7	7
	3	44			4	16	2	2	75	75	7	7	7	9	14	19	47	47
1994	1	40	5	6	18	28	1	3	64	64	1	1	2	2	3	3	8	8
	2	40	20	26	27	49	22	25	106	106	45	46	49	52	59	72	87	87
	3	40	3	8	13	40	36	39	107	107	57	65	66	78	75	156	116	116
	1	42	1	1	12	23	1	1	40	40							1	1
	2	42	18	21	24	42	8	10	93	93	25	25	30	30	34	35	66	66
	3	42	3	8	13	33	24	27	94	94	46	50	51	58	63	79	90	90
	1	44	1	1	8	15	1	1	20	20								
	2	44	14	16	24	34	4	6	81	81	9	9	13	13	17	17	33	33
	3	44	3	8	10	30	9	13	84	84	35	36	38	40	47	53	71	71
1995	1	40		2	7	25		2	72	72	1	1	1	1	2	2	5	5
	2	40	2	6	13	50	19	21	153	153	47	49	57	60	69	80	123	123
	3	40	1	4	9	43	36	37	146	146	69	75	78	96	92	186	161	161
	1	42		2	4	16		2	42	42								
	2	42	2	4	12	43	6	8	134	134	20	22	23	25	35	38	74	74
	3	42		2	8	34	20	20	138	138	51	55	58	63	69	93	122	122
	1	44		1	3	11		1	24	24								
	2	44	2	3	12	35	4	5	107	107	7	8	11	12	13	15	30	30
	3	44		2	6	29	8	9	121	121	26	28	36	39	47	52	81	81

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(4a)

City	Townsville	Dress	Fully Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			3	14			84	84								
	2	40	3	5	8	61	5	8	160	160	30	31	45	48	56	73	113	113
	3	40		1	7	44	19	21	156	156	60	76	68	112	89	188	164	164
	1	42			2	9			31	31								
	2	42	3	3	8	41			144	144	9	9	15	15	26	28	66	66
	3	42		1	4	32	5	7	144	144	26	30	39	45	62	112	122	122
	1	44				5			12	12								
	2	44	1	1	4	26			121	121			1	1	2	2	18	18
	3	44		1	4	26		1	129	129	13	13	18	19	26	37	78	78
1997	1	40	1	1	1	7			47	47								
	2	40	3	3	1	22	7	7	105	105	29	29	35	35	52	60	91	91
	3	40				20	23	23	101	101	43	50	54	71	73	143	120	120
	1	42			1	1			15	15								
	2	42	2	2	1	17			90	90	5	5	10	10	18	18	52	52
	3	42				14	7	7	93	93	27	27	35	36	49	73	96	96
	1	44							1	1								
	2	44	1	1	1	12			71	71			4	4	5	5	13	13
	3	44				10	3	3	80	80	13	13	22	22	31	33	72	72
1998	1	40			1	12			87	87							1	1
	2	40	6	7	5	55	12	13	167	167	63	63	74	74	97	101	153	153
	3	40			1	49	41	41	157	157	99	101	111	120	140	188	200	200
	1	42			1	4			49	49								
	2	42	3	3	3	37	3	3	147	147	18	18	24	24	41	41	103	103
	3	42			1	40	19	19	144	144	60	60	78	79	104	120	167	167
	1	44				2			16	16								
	2	44	2	2	1	28	1	1	123	123	2	2	4	4	7	7	37	37
	3	44			1	30	4	4	134	134	28	28	37	37	56	56	121	121
1999	1	40			1	14			59	59								
	2	40	3	4	5	31	7	7	121	121	44	44	50	50	64	68	115	115
	3	40			3	31	38	38	117	117	73	75	80	93	102	148	148	148
	1	42			1	6			29	29								
	2	42	1	1	4	22			108	108	15	15	22	22	30	30	68	68
	3	42			2	21	14	14	109	109	47	48	54	55	70	87	125	125
	1	44				3			11	11								
	2	44	1	1	2	18			91	91					3	3	26	26
	3	44			1	18	1	1	98	98	23	23	34	34	46	47	86	86
2000	1	40				7			37	37								
	2	40	5	5	2	18	5	5	109	109	27	27	38	39	56	61	112	112
	3	40			2	14	22	22	100	100	50	54	63	77	99	148	172	172
	1	42				4			11	11								
	2	42	5	5	2	12			86	86	7	7	11	11	22	22	56	56
	3	42			2	10	7	7	89	89	27	28	37	39	59	78	117	117
	1	44				2			3	3								
	2	44	2	2	1	8			71	71					4	4	16	16
	3	44			1	9	2	2	74	74	10	10	15	15	34	36	81	81
2001	1	40	1	1	5	27			79	79							2	2
	2	40	9	9	11	64	9	9	140	140	34	34	38	40	51	71	101	101
	3	40		2	4	57	31	33	140	140	54	72	64	90	74	181	141	141
	1	42			2	10			37	37								
	2	42	6	6	9	50	2	2	125	125	14	14	20	20	25	25	59	59
	3	42			3	47	14	14	130	130	31	31	42	48	56	95	106	106
	1	44			1	5			11	11								
	2	44	5	5	9	39			109	109	3	3	3	3	4	4	24	24
	3	44			2	33	5	5	118	118	19	19	26	26	34	41	74	74

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40				2				2								
	2	40			2	9			3	8								
	3	40			1	7			3	7								
	1	42				1				1								
	2	42			1	9			2	8								
	3	42				5			1	5								
	1	44																
	2	44				6			1	6								
	3	44				5			1	5								
1991	1	40																
	2	40			3	5			3	3								
	3	40							2	2								
	1	42																
	2	42			2	3			2	2								
	3	42							1	1								
	1	44																
	2	44			2	2			2	2								
	3	44							1	1								
1992	1	40				1				1								
	2	40			1	3			9	9								
	3	40			1	2			9	9								
	1	42																
	2	42			1	2			6	7								
	3	42				1			5	5								
	1	44																
	2	44				1			2	3								
	3	44				1			2	3								
1993	1	40																
	2	40				2			1	3								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44																
	3	44																
1994	1	40			3	4			5	5								
	2	40		1	4	6		1	9	9								
	3	40			2	5			9	9								
	1	42			1	1			2	2								
	2	42			4	6			9	9								
	3	42			1	5			8	8								
	1	44			1	1			1	1								
	2	44			3	4			7	7								
	3	44			1	5			8	8								
1995	1	40			1	2			2	2								
	2	40			2	2			7	7								
	3	40			2	2			5	5								
	1	42				2				2								
	2	42			1	2			5	5								
	3	42			2	2			5	5								
	1	44				1				1								
	2	44			1	2			4	4								
	3	44			1	2			4	4								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40																
	3	40								1								
	1	42																
	2	42																
	3	42								1								
	1	44																
	2	44																
	3	44																
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40							1	1								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42							1	1								
	1	44																
	2	44							1	1								
	3	44																
1999	1	40																
	2	40							2	2								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44							1	1								
	3	44																
2000	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			3	3								
	3	40																
	1	42																
	2	42							2	2								
	3	42																
	1	44																
	2	44							1	1								
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40				8												
	2	40			3	9			3	3								
	3	40			2	8			3	3								
	1	42				5												
	2	42			2	9			2	2								
	3	42			1	8			1	1								
	1	44				1												
	2	44				8			1	1								
	3	44				8			1	1								
1991	1	40				1												
	2	40			3	8			3	3								
	3	40				1			2	2								
	1	42																
	2	42			2	4			2	2								
	3	42				1			1	1								
	1	44																
	2	44			2	4			2	2								
	3	44				1			1	1								
1992	1	40				1												
	2	40			2	7			9	9								
	3	40			1	3			9	9								
	1	42				1												
	2	42			1	4			6	6								
	3	42			1	2			5	5								
	1	44																
	2	44				3			2	2								
	3	44				2			2	2								
1993	1	40				1												
	2	40				5			1	1								
	3	40				2												
	1	42																
	2	42				5												
	3	42				1												
	1	44																
	2	44				2												
	3	44				1												
1994	1	40			3	5			5	5								
	2	40		1	5	10		1	9	9								
	3	40			2	5			9	9								
	1	42			1	3			2	2								
	2	42		1	4	7		1	9	9								
	3	42			2	5			8	8								
	1	44			1	1			1	1								
	2	44		1	3	5		1	7	7								
	3	44			1	5			8	8								
1995	1	40			1	2			2	2								
	2	40			2	6			7	7								
	3	40			2	3			5	5								
	1	42				2												
	2	42			2	3			5	5								
	3	42			2	2			5	5								
	1	44				2												
	2	44			1	3			4	4								
	3	44			2	2			4	4								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40				2												
	3	40				1												
	1	42																
	2	42				1												
	3	42				1												
	1	44																
	2	44				1												
	3	44				1												
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40				1			1	1								
	3	40							1	1								
	1	42																
	2	42				1			1	1								
	3	42							1	1								
	1	44																
	2	44							1	1								
	3	44																
1999	1	40																
	2	40				1			2	2								
	3	40							1	1								
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44							1	1								
	3	44																
2000	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			3	3								
	3	40																
	1	42																
	2	42							2	2								
	3	42																
	1	44																
	2	44							1	1								
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40			3	9			10	11								
	2	40			10	12			36	36								
	3	40			6	8			35	35								
	1	42			1	9			2	8								
	2	42			10	11			23	23								
	3	42			5	8			25	25								
	1	44				4			1	4								
	2	44			8	10			18	18								
	3	44			5	8			15	17								
1991	1	40			4	6			5	5								
	2	40			8	11			27	28								
	3	40			2	5			25	25								
	1	42			2	3			2	2								
	2	42			6	10			17	18								
	3	42			1	4			16	16								
	1	44			1	1												
	2	44			4	9			13	14								
	3	44			1	3			13	13								
1992	1	40			2	4			20	20								
	2	40			4	7			41	41								
	3	40			2	6			40	40								
	1	42			1	2			6	7								
	2	42			2	7			34	34								
	3	42			2	5			33	33								
	1	44				1			1	2								
	2	44			2	7			28	28								
	3	44			1	5			28	28								
1993	1	40			1	3			5	7								
	2	40			2	8			14	14								
	3	40				3			13	14								
	1	42				1				1								
	2	42			1	7			12	12								
	3	42				3			9	10								
	1	44																
	2	44			1	6			10	11								
	3	44				2			8	8								
1994	1	40		1	5	7		1	16	16								
	2	40	1	1	9	16	1	1	33	34							1	1
	3	40			6	8			33	33								
	1	42		1	4	6		1	9	9								
	2	42	1	1	8	13	1	1	24	25								
	3	42			6	8			23	23								
	1	44			3	4			5	5								
	2	44		1	6	11		1	17	18								
	3	44			5	7			21	21								
1995	1	40			2	3			10	10								
	2	40		1	3	9		1	35	35								
	3	40			2	5			36	36								
	1	42			1	2			5	5								
	2	42			3	8			26	27								
	3	42			2	4			29	30								
	1	44			1	2			3	3								
	2	44			2	6			18	20								
	3	44			2	4			24	25								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40				1			4	4								
	2	40			1	4			25	26								
	3	40				2			22	22								
	1	42																
	2	42				2			15	15								
	3	42				1			19	19								
	1	44																
	2	44				2			7	7								
	3	44				1			10	10								
1997	1	40																
	2	40			1	1			5	5								
	3	40							10	10								
	1	42																
	2	42							3	3								
	3	42							5	5								
	1	44																
	2	44																
	3	44							1	1								
1998	1	40				1			4	4								
	2	40				1			35	35								
	3	40				1			35	35								
	1	42							1	1								
	2	42				1			22	22								
	3	42							24	24								
	1	44																
	2	44				1			12	12								
	3	44							14	14								
1999	1	40				1			4	4								
	2	40				2			23	23								
	3	40							21	21								
	1	42							1	1								
	2	42				1			15	15								
	3	42							12	12								
	1	44																
	2	44				1			8	8								
	3	44							9	9								
2000	1	40							2	2								
	2	40				1			8	9								
	3	40							8	8								
	1	42																
	2	42				1			3	4								
	3	42							5	5								
	1	44																
	2	44							3	3								
	3	44							3	3								
2001	1	40			1	1			4	4								
	2	40			2	6			33	33								
	3	40				1			38	38								
	1	42			1	1			3	3								
	2	42			2	2			18	18								
	3	42				1			26	26								
	1	44																
	2	44			1	1			10	10								
	3	44				1			13	13								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40			5	10			11	10								
	2	40			10	19			36	36								
	3	40			7	13			35	35								
	1	42			2	9			2	2								
	2	42			10	16			23	23								
	3	42			7	11			25	25								
	1	44				8			1	1								
	2	44			10	13			18	18								
	3	44			5	9			15	15								
1991	1	40			4	9			5	5								
	2	40			8	15			27	27								
	3	40			3	10			25	25								
	1	42			2	5			2	2								
	2	42			7	12			17	17								
	3	42			1	6			16	16								
	1	44			1	3												
	2	44			5	11			13	13								
	3	44			1	6			13	13								
1992	1	40			2	7			20	20								
	2	40			4	20			41	41								
	3	40			2	17			40	40								
	1	42			1	4			6	6								
	2	42			3	13			34	34								
	3	42			2	13			33	33								
	1	44				2			1	1								
	2	44			2	9			28	28								
	3	44			2	9			28	28								
1993	1	40			1	7			5	5								
	2	40			3	10			14	14								
	3	40				7			13	13								
	1	42				5												
	2	42			3	10			12	12								
	3	42				5			9	9								
	1	44				1												
	2	44			1	9			10	10								
	3	44				4			8	8								
1994	1	40		1	5	12		1	16	16								
	2	40	1	1	10	20	1	1	33	33							1	1
	3	40		1	6	13		1	33	33								
	1	42		1	4	7		1	9	9								
	2	42	1	1	8	16	1	1	24	24								
	3	42		1	6	12		1	23	23								
	1	44		1	3	5		1	5	5								
	2	44	1	1	7	15	1	1	17	17								
	3	44		1	5	12		1	21	21								
1995	1	40			2	7			10	10								
	2	40		1	4	13		1	35	35								
	3	40		1	2	11		1	36	36								
	1	42			2	3			5	5								
	2	42		1	3	11		1	26	26								
	3	42			2	9			29	29								
	1	44			1	2			3	3								
	2	44		1	2	10		1	18	18								
	3	44			2	7			24	24								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40				2			4	4								
	2	40			2	8			25	25								
	3	40				8			22	22								
	1	42				1												
	2	42				7			15	15								
	3	42				6			19	19								
	1	44																
	2	44				4			7	7								
	3	44				4			10	10								
1997	1	40																
	2	40			1	1			5	5								
	3	40							10	10								
	1	42																
	2	42							3	3								
	3	42							5	5								
	1	44																
	2	44																
	3	44							1	1								
1998	1	40				1			4	4								
	2	40				3			35	35								
	3	40				1			35	35								
	1	42				1			1	1								
	2	42				2			22	22								
	3	42				1			24	24								
	1	44																
	2	44				1			12	12								
	3	44				1			14	14								
1999	1	40				1			4	4								
	2	40				6			23	23								
	3	40				2			21	21								
	1	42				1			1	1								
	2	42				5			15	15								
	3	42				2			12	12								
	1	44																
	2	44				2			8	8								
	3	44				2			9	9								
2000	1	40				1			2	2								
	2	40				3			8	8								
	3	40				2			8	8								
	1	42																
	2	42				2			3	3								
	3	42				2			5	5								
	1	44																
	2	44				1			3	3								
	3	44				2			3	3								
2001	1	40			1	1			4	4								
	2	40			2	9			33	33								
	3	40				5			38	38								
	1	42			1	1			3	3								
	2	42			2	6			18	18								
	3	42				3			26	26								
	1	44																
	2	44			1	5			10	10								
	3	44				3			13	13								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40				1				1								
	2	40			1	9			2	8								
	3	40				5			1	5								
	1	42																
	2	42				6			1	6								
	3	42				5			1	5								
	1	44																
	2	44				4			1	4								
	3	44				3			1	3								
1991	1	40																
	2	40			2	3			2	2								
	3	40							1	1								
	1	42																
	2	42			2	2			2	2								
	3	42							1	1								
	1	44																
	2	44																
	3	44																
1992	1	40																
	2	40			1	2			6	7								
	3	40				1			4	5								
	1	42																
	2	42				1			2	3								
	3	42				1				1								
	1	44																
	2	44				1			1	2								
	3	44				1				1								
1993	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1994	1	40			2	3			4	4								
	2	40		1	4	6		1	9	9								
	3	40			1	5			8	8								
	1	42			1	1			1	1								
	2	42			4	5			7	7								
	3	42			1	5			8	8								
	1	44			1	1			1	1								
	2	44			3	4			5	5								
	3	44			1	5			7	7								
1995	1	40				2				2								
	2	40			1	2			5	5								
	3	40			1	2			5	5								
	1	42				1				1								
	2	42			1	2			4	4								
	3	42				2			3	3								
	1	44				1				1								
	2	44			1	2			2	2								
	3	44				2			3	3								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40							1	1								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																
1999	1	40																
	2	40							1	1								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			2	2								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40				6												
	2	40			2	9			2	2								
	3	40				8			1	1								
	1	42				2												
	2	42				8			1	1								
	3	42				7			1	1								
	1	44																
	2	44				8			1	1								
	3	44				7			1	1								
1991	1	40																
	2	40			2	4			2	2								
	3	40				1			1	1								
	1	42																
	2	42			2	4			2	2								
	3	42				1			1	1								
	1	44																
	2	44				2												
	3	44																
1992	1	40				1												
	2	40			1	4			6	6								
	3	40				2			4	4								
	1	42																
	2	42				3			2	2								
	3	42				2												
	1	44																
	2	44				2			1	1								
	3	44				2												
1993	1	40																
	2	40				4												
	3	40				1												
	1	42																
	2	42				2												
	3	42																
	1	44																
	2	44				1												
	3	44																
1994	1	40			2	3			4	4								
	2	40		1	4	7		1	9	9								
	3	40			2	5			8	8								
	1	42			1	2			1	1								
	2	42		1	4	6		1	7	7								
	3	42			1	5			8	8								
	1	44			1	1			1									
	2	44		1	3	5		1	5	5								
	3	44			1	5			7	7								
1995	1	40			1	2			1									
	2	40			2	3			5	5								
	3	40			2	2			5	5								
	1	42				2												
	2	42			1	3			4	4								
	3	42			2	2			3	3								
	1	44				1												
	2	44			1	2			2	2								
	3	44			1	2			3	3								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40				1												
	3	40				1												
	1	42																
	2	42				1												
	3	42				1												
	1	44																
	2	44																
	3	44																
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																
1999	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																
2000	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			2	2								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40				6			1	6								
	2	40			3	9			10	11								
	3	40			2	8			5	9								
	1	42				1				1								
	2	42			2	9			4	9								
	3	42			1	7			3	7								
	1	44																
	2	44			1	9			2	8								
	3	44				6			2	6								
1991	1	40			2	2			2	2								
	2	40			4	6			5	5								
	3	40				1			4	4								
	1	42																
	2	42			3	5			4	4								
	3	42							3	3								
	1	44																
	2	44			2	3			2	2								
	3	44							1	1								
1992	1	40				1			2	3								
	2	40			1	4			20	20								
	3	40			1	2			18	18								
	1	42																
	2	42			1	3			9	9								
	3	42			1	2			14	14								
	1	44																
	2	44			1	2			6	7								
	3	44				2			9	9								
1993	1	40																
	2	40			1	3			5	7								
	3	40				1			5	6								
	1	42																
	2	42				2			2	4								
	3	42							2	2								
	1	44																
	2	44				1				1								
	3	44							1	1								
1994	1	40			3	4			7	7								
	2	40		1	5	7		1	16	16								
	3	40			2	5			13	13								
	1	42			2	3			4	4								
	2	42		1	4	6		1	10	10								
	3	42			2	5			13	13								
	1	44			1	1			1	1								
	2	44		1	4	6		1	9	9								
	3	44			1	5			9	9								
1995	1	40			1	2			3	3								
	2	40			2	3			10	10								
	3	40			2	2			9	9								
	1	42				2				2								
	2	42			2	2			8	8								
	3	42			2	2			7	7								
	1	44				1				1								
	2	44			1	2			5	5								
	3	44			2	2			5	5								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40				1			4	4								
	3	40				1			3	3								
	1	42																
	2	42							1	1								
	3	42							2	2								
	1	44																
	2	44																
	3	44								1								
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40				1			4	4								
	3	40							3	3								
	1	42																
	2	42							2	2								
	3	42							2	2								
	1	44																
	2	44							1	1								
	3	44							2	2								
1999	1	40							1	1								
	2	40							4	4								
	3	40							2	2								
	1	42																
	2	42							2	2								
	3	42							1	1								
	1	44																
	2	44							1	1								
	3	44							1	1								
2000	1	40																
	2	40							2	2								
	3	40							1	1								
	1	42																
	2	42																
	3	42							1	1								
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			4	4								
	3	40							4	4								
	1	42																
	2	42			1	1			3	3								
	3	42							4	4								
	1	44																
	2	44			1	1			3	3								
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40				8			1	1								
	2	40			6	10			11	10								
	3	40			2	8			6	5								
	1	42				6												
	2	42			3	9			4	4								
	3	42			2	8			3	3								
	1	44				2												
	2	44			2	9			2	2								
	3	44			1	8			2	2								
1991	1	40			2	4			2	2								
	2	40			4	9			5	5								
	3	40				3			4	4								
	1	42																
	2	42			3	8			4	4								
	3	42				1			3	3								
	1	44																
	2	44			2	5			2	2								
	3	44				1			1	1								
1992	1	40				2			2	2								
	2	40			2	7			20	20								
	3	40			1	5			18	18								
	1	42				1												
	2	42			2	7			9	9								
	3	42			1	3			14	14								
	1	44																
	2	44			1	4			6	6								
	3	44			1	3			9	9								
1993	1	40				2												
	2	40			1	7			5	5								
	3	40				3			5	5								
	1	42																
	2	42				5			2	2								
	3	42				2			2	2								
	1	44																
	2	44				5												
	3	44				1			1	1								
1994	1	40		1	3	5		1	7	7								
	2	40		1	5	12		1	16	16								
	3	40			4	6			13	13								
	1	42			2	3			4	4								
	2	42		1	5	10		1	10	10								
	3	42			2	6			13	13								
	1	44			1	2			1	1								
	2	44		1	4	7		1	9	9								
	3	44			2	5			9	9								
1995	1	40			1	2			3	3								
	2	40			2	7			10	10								
	3	40			2	4			9	9								
	1	42			1	2			1									
	2	42			2	6			8	8								
	3	42			2	4			7	7								
	1	44				2												
	2	44			2	3			5	5								
	3	44			2	2			5	5								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40				2			4	4								
	3	40				1			3	3								
	1	42																
	2	42				2			1	1								
	3	42				1			2	2								
	1	44																
	2	44				1												
	3	44				1												
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40				1			4	4								
	3	40							3	3								
	1	42																
	2	42				1			2	2								
	3	42							2	2								
	1	44																
	2	44				1			1	1								
	3	44							2	2								
1999	1	40							1	1								
	2	40				1			4	4								
	3	40							2	2								
	1	42																
	2	42				1			2	2								
	3	42							1	1								
	1	44																
	2	44				1			1	1								
	3	44							1	1								
2000	1	40																
	2	40				1			2	2								
	3	40							1	1								
	1	42																
	2	42																
	3	42							1	1								
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			4	4								
	3	40				1			4	4								
	1	42																
	2	42			1	1			3	3								
	3	42				1			4	4								
	1	44																
	2	44			1	1			3	3								
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(9)

City	Townsville	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40				6			1	6								
	2	40			3	9			12	12								
	3	40			2	8			6	9								
	1	42				2				2								
	2	42			2	9			5	10								
	3	42			1	7			4	8								
	1	44																
	2	44			2	9			2	8								
	3	44				7			2	7								
1991	1	40			2	2			2	2								
	2	40			4	6			5	5								
	3	40				1			4	4								
	1	42																
	2	42			3	5			4	4								
	3	42				1			3	3								
	1	44																
	2	44			3	4			2	2								
	3	44							3	3								
1992	1	40				1			2	3								
	2	40			2	4			22	22								
	3	40			1	2			18	18								
	1	42																
	2	42			1	4			12	12								
	3	42			1	2			15	15								
	1	44																
	2	44			1	3			8	9								
	3	44			1	2			12	12								
1993	1	40																
	2	40			1	3			7	9								
	3	40				1			7	7								
	1	42																
	2	42				2			2	4								
	3	42							2	2								
	1	44																
	2	44				1				1								
	3	44							1	1								
1994	1	40			3	4			7	7								
	2	40		1	5	7		1	16	16								
	3	40			2	5			13	13								
	1	42			2	3			4	4								
	2	42		1	5	6		1	11	11								
	3	42			2	5			13	13								
	1	44			1	1			2	2								
	2	44		1	4	6		1	9	9								
	3	44			2	5			10	10								
1995	1	40			1	2			4	4								
	2	40			2	3			13	13								
	3	40			2	2			11	11								
	1	42				2				2								
	2	42			2	3			8	8								
	3	42			2	2			8	8								
	1	44				1				1								
	2	44			1	2			5	5								
	3	44			2	2			5	5								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(9)

City	Townsville	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40																
	2	40				1			4	4								
	3	40				1			3	3								
	1	42																
	2	42				1			1	1								
	3	42							3	3								
	1	44																
	2	44																
	3	44								1								
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40				1			4	4								
	3	40							4	4								
	1	42																
	2	42							2	2								
	3	42							2	2								
	1	44																
	2	44							1	1								
	3	44							2	2								
1999	1	40							1	1								
	2	40				1			4	4								
	3	40							3	3								
	1	42																
	2	42							2	2								
	3	42							1	1								
	1	44																
	2	44							2	2								
	3	44							1	1								
2000	1	40																
	2	40							3	3								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42							1	1								
	1	44																
	2	44																
	3	44																
2001	1	40							1	1								
	2	40			1	1			4	4								
	3	40							4	4								
	1	42																
	2	42			1	1			3	3								
	3	42							4	4								
	1	44																
	2	44			1	1			3	3								
	3	44							1	1								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(9a)

City	Townsville	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40				8			1	1								
	2	40			7	10			12	12								
	3	40			2	8			6	6								
	1	42				7												
	2	42			3	9			5	5								
	3	42			2	8			4	4								
	1	44				2												
	2	44			2	9			2	2								
	3	44			1	8			2	2								
1991	1	40			2	4			2	2								
	2	40			4	9			5	5								
	3	40				3			4	4								
	1	42				1												
	2	42			3	8			4	4								
	3	42				2			3	3								
	1	44																
	2	44			3	6			2	2								
	3	44				1			3	3								
1992	1	40				3			2	2								
	2	40			2	7			22	22								
	3	40			1	5			18	18								
	1	42				1												
	2	42			2	7			12	12								
	3	42			1	3			15	15								
	1	44				1												
	2	44			1	4			8	8								
	3	44			1	3			12	12								
1993	1	40				2												
	2	40			1	7			7	7								
	3	40				3			7	7								
	1	42																
	2	42				5			2	2								
	3	42				2			2	2								
	1	44																
	2	44				5												
	3	44				2			1	1								
1994	1	40		1	3	5		1	7	7								
	2	40		1	5	12		1	16	16								
	3	40			5	6			13	13								
	1	42			2	5			4	4								
	2	42		1	5	11		1	11	11								
	3	42			2	6			13	13								
	1	44			1	3			2	2								
	2	44		1	5	8		1	9	9								
	3	44			2	5			10	10								
1995	1	40			1	3			4	4								
	2	40			2	7			13	13								
	3	40			2	4			11	11								
	1	42			1	2			1									
	2	42			2	6			8	8								
	3	42			2	4			8	8								
	1	44				2												
	2	44			2	4			5	5								
	3	44			2	3			5	5								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(9a)

City	Townsville	Dress	Naked	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				1												
	2	40				2			4	4								
	3	40				1			3	3								
	1	42																
	2	42				2			1	1								
	3	42				1			3	3								
	1	44																
	2	44				1												
	3	44				1												
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40				1			4	4								
	3	40							4	4								
	1	42																
	2	42				1			2	2								
	3	42							2	2								
	1	44																
	2	44				1			1	1								
	3	44							2	2								
1999	1	40							1	1								
	2	40				1			4	4								
	3	40							3	3								
	1	42																
	2	42				1			2	2								
	3	42							1	1								
	1	44																
	2	44				1			2	2								
	3	44							1	1								
2000	1	40																
	2	40				1			3	3								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42							1	1								
	1	44																
	2	44																
	3	44																
2001	1	40							1	1								
	2	40			1	1			4	4								
	3	40				1			4	4								
	1	42																
	2	42			1	1			3	3								
	3	42				1			4	4								
	1	44																
	2	44			1	1			3	3								
	3	44							1	1								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(10)

City	Townsville	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			10	11			23	23								
	2	40			12	21			84	84								
	3	40			8	13			75	75							1	1
	1	42			5	9			14	14								
	2	42			10	16			70	70								
	3	42			8	11			63	63								
	1	44			2	9			2	8								
	2	44			10	13			48	48								
	3	44			8	9			57	57								
1991	1	40			6	10			17	18								
	2	40	5	5	16	20			57	57							3	3
	3	40	2	2	3	9			47	47					2	2	10	10
	1	42			4	7			6	7								
	2	42			12	17			45	46								
	3	42	2	2	3	7			44	44					1	1	1	1
	1	44			3	5			3	3								
	2	44			11	16			34	35								
	3	44	1	1	3	7			33	33								
1992	1	40			2	7			34	34								
	2	40			9	20			75	76			1	1	1	1	7	7
	3	40			4	16			77	77					3	3	13	13
	1	42			2	4			23	23								
	2	42			4	13			62	62							1	1
	3	42			2	13			63	63							7	7
	1	44			1	3			9	9								
	2	44			4	9			48	48								
	3	44			2	9			53	53								
1993	1	40			1	7			12	12								
	2	40	1	1	8	12			37	37								
	3	40			1	7			40	40							4	4
	1	42			1	6			7	10								
	2	42			6	12			30	30								
	3	42			1	5			30	30							1	1
	1	44				1			1	2								
	2	44			3	9			20	20								
	3	44			1	4			23	24								
1994	1	40	1	1	8	13	1	1	24	25								
	2	40	7	7	17	24	1	1	66	66	2	2	2	2	3	3	8	8
	3	40	2	3	7	13		1	65	65			1	1	4	4	21	21
	1	42		1	5	7		1	16	16								
	2	42	3	3	14	21	1	1	53	53							4	4
	3	42		1	7	13		1	62	62					1	1	9	9
	1	44		1	4	6		1	10	10								
	2	44	1	1	11	18	1	1	43	44							1	1
	3	44		1	7	13		1	50	50							4	4
1995	1	40			3	8			26	27								
	2	40		1	7	13		1	74	74	1	1	2	2	3	3	5	5
	3	40		1	2	11		1	76	76	1	1	1	1	3	3	18	18
	1	42			2	3			16	16								
	2	42		1	4	11		1	58	58							1	1
	3	42			2	9			66	66							6	6
	1	44			2	2			7	7								
	2	44		1	4	11		1	43	43								
	3	44			2	7			51	51								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(10)

City	Townsville	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40				2			15	15								
	2	40			3	8			87	87								
	3	40			1	8			90	90							4	4
	1	42				1			5	5								
	2	42			2	8			57	57								
	3	42			1	6			68	68								
	1	44																
	2	44			2	5			32	33								
	3	44			1	4			46	46								
1997	1	40							3	3								
	2	40	1	1	1	1			51	51								
	3	40							53	53					1	1	4	4
	1	42																
	2	42			1	1			33	33								
	3	42							41	41								
	1	44																
	2	44			1	1			17	17								
	3	44							27	27								
1998	1	40				1			22	22								
	2	40			1	3			89	89							1	1
	3	40				1			85	85			1	1	1	1	13	13
	1	42				1			5	5								
	2	42			1	2			72	72							1	1
	3	42				1			69	69							2	2
	1	44							1	1								
	2	44				1			50	50								
	3	44				1			60	60								
1999	1	40				1			15	15								
	2	40			1	6			60	60								
	3	40				2			64	64							9	9
	1	42				1			5	5								
	2	42			1	5			50	50								
	3	42				2			48	48							1	1
	1	44							2	2								
	2	44				2			32	32								
	3	44				2			38	38								
2000	1	40				1			3	4								
	2	40				3			40	40								
	3	40				2			35	35							3	3
	1	42							3	3								
	2	42				2			21	21								
	3	42				2			27	27								
	1	44																
	2	44				1			11	12								
	3	44				2			13	14								
2001	1	40			2	2			18	18								
	2	40	1	1	5	12			82	82							2	2
	3	40				5			77	77			1	1	3	3	9	9
	1	42			1	1			4	4								
	2	42			4	8			61	61								
	3	42				3			69	69							2	2
	1	44			1	1			3	3								
	2	44			2	6			39	39								
	3	44				3			53	53							1	1

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(10a)

City	Townsville	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			10	16			23	23								
	2	40		4	12	37		4	84	84								
	3	40		2	8	31		2	75	75						1	1	1
	1	42			7	11			14	14								
	2	42		2	10	28		2	70	70								
	3	42		2	8	22		2	63	63								
	1	44			3	9			2	2								
	2	44		1	10	21		1	48	48								
	3	44		1	8	18		1	57	57								
1991	1	40			7	12			17	17								
	2	40	5	5	16	27			57	57							3	3
	3	40	2	2	4	13			47	47					2	2	10	10
	1	42			4	9			6	6								
	2	42			15	23			46	45								
	3	42	2	2	3	11			44	44					1	1	1	1
	1	44			3	8			3	3								
	2	44			11	21			34	34								
	3	44	1	1	3	10			33	33								
1992	1	40			3	13			34	34								
	2	40		1	9	40		1	75	75			1	1	1	1	7	7
	3	40		1	5	30		1	77	77					3	3	13	13
	1	42			2	7			23	23								
	2	42			7	32			62	62							1	1
	3	42		1	3	25		1	63	63							7	7
	1	44			1	7			9	9								
	2	44			4	26			48	48								
	3	44		1	2	23		1	53	53								
1993	1	40			3	10			12	12								
	2	40	1	1	9	17			37	37								
	3	40			2	13			40	40							4	4
	1	42			1	8			7	7								
	2	42			8	13			30	30								
	3	42			2	9			30	30							1	1
	1	44				5			1	1								
	2	44			4	10			20	20								
	3	44			1	9			23	23								
1994	1	40	1	1	8	16	1	1	24	24								
	2	40	7	8	19	28	1	3	66	66	2	2	2	2	3	3	8	8
	3	40	2	4	8	21		2	65	65			1	2	4	5	21	21
	1	42		1	5	13		1	16	16								
	2	42	3	4	16	26	1	2	53	53							4	4
	3	42		2	7	20		2	62	62					1	2	9	9
	1	44		1	5	10		1	10	10								
	2	44	1	1	12	23	1	1	43	43							1	1
	3	44		2	7	18		2	50	50							4	4
1995	1	40		1	3	11		1	26	26								
	2	40		2	8	26		2	74	74	1	1	2	2	3	3	5	5
	3	40		2	4	18		2	76	76	1	1	1	1	3	4	18	18
	1	42		1	2	8		1	16	16								
	2	42		2	7	18		2	58	58							1	1
	3	42		2	4	17		2	66	66							6	6
	1	44			2	6			7	7								
	2	44		2	4	16		2	43	43								
	3	44		2	2	14		2	51	51								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(10a)

City	Townsville	Dress	Naked	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40				7			15	15								
	2	40			3	15			87	87								
	3	40			1	11			90	90							4	4
	1	42				2			5	5								
	2	42			3	13			57	57								
	3	42			1	10			68	68								
	1	44				2												
	2	44			2	9			32	32								
	3	44			1	10			46	46								
1997	1	40							3	3								
	2	40	1	1	1	7			51	51								
	3	40				4			53	53					1	1	4	4
	1	42																
	2	42			1	3			33	33								
	3	42				3			41	41								
	1	44																
	2	44			1	2			17	17								
	3	44				2			27	27								
1998	1	40				2			22	22								
	2	40			1	14			89	89							1	1
	3	40				11			85	85			1	1	1	1	13	13
	1	42				1			5	5								
	2	42			1	8			72	72							1	1
	3	42				3			69	69							2	2
	1	44				1			1	1								
	2	44			1	4			50	50								
	3	44				1			60	60								
1999	1	40				5			15	15								
	2	40			1	15			60	60								
	3	40				10			64	64							9	9
	1	42				2			5	5								
	2	42			1	10			50	50								
	3	42				6			48	48							1	1
	1	44				1			2	2								
	2	44			1	6			32	32								
	3	44				4			38	38								
2000	1	40				2			3	3								
	2	40			1	7			40	40								
	3	40				4			35	35							3	3
	1	42				1			3	3								
	2	42				6			21	21								
	3	42				2			27	27								
	1	44																
	2	44				5			11	11								
	3	44				2			13	13								
2001	1	40			2	6			18	18								
	2	40	1	1	5	27			82	82							2	2
	3	40			1	17			77	77			1	1	3	3	9	9
	1	42			1	3			4	4								
	2	42			4	17			61	61								
	3	42				10			69	69							2	2
	1	44			1	1			3	3								
	2	44			2	10			39	39								
	3	44				9			53	53							1	1

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40				2				2								
	2	40			2	9			2	8								
	3	40				5			1	5								
	1	42																
	2	42				8			2	8								
	3	42				5			1	5								
	1	44																
	2	44				6			1	6								
	3	44				5			1	5								
1991	1	40																
	2	40			2	4			2	2								
	3	40							1	1								
	1	42																
	2	42			2	3			2	2								
	3	42							1	1								
	1	44																
	2	44			1	1			2	2								
	3	44																
1992	1	40																
	2	40			1	3			6	7								
	3	40				2			5	5								
	1	42																
	2	42			1	2			3	4								
	3	42				1			2	3								
	1	44																
	2	44				1			2	3								
	3	44				1				1								
1993	1	40																
	2	40				1				1								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1994	1	40			2	3			4	4								
	2	40			4	6			9	9								
	3	40			1	5			8	8								
	1	42			1	1			2	2								
	2	42			4	6			8	8								
	3	42			1	5			8	8								
	1	44			1	1			1	1								
	2	44			3	4			6	6								
	3	44			1	5			7	7								
1995	1	40			1	2			2	2								
	2	40			2	2			5	5								
	3	40			2	2			5	5								
	1	42				1				1								
	2	42			1	2			4	4								
	3	42			1	2			4	4								
	1	44				1				1								
	2	44			1	2			3	3								
	3	44				2			3	3								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40																
	3	40								1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40							1	1								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																
1999	1	40																
	2	40							1	1								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44							1	1								
	3	44																
2000	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			3	3								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40				8												
	2	40			3	9			2	2								
	3	40			1	8			1	1								
	1	42				2												
	2	42			1	8			2	2								
	3	42				8			1	1								
	1	44				1												
	2	44				8			1	1								
	3	44				7			1	1								
1991	1	40				1												
	2	40			2	5			2	2								
	3	40				1			1	1								
	1	42																
	2	42			2	4			2	2								
	3	42				1			1	1								
	1	44																
	2	44			1	3			2	2								
	3	44				1												
1992	1	40				1												
	2	40			1	4			6	6								
	3	40			1	2			5	5								
	1	42				1												
	2	42			1	4			3	3								
	3	42			1	2			3	2								
	1	44																
	2	44				2			2	2								
	3	44				2												
1993	1	40																
	2	40				5												
	3	40				1												
	1	42																
	2	42				2												
	3	42				1												
	1	44																
	2	44				2												
	3	44																
1994	1	40			2	5			4	4								
	2	40		1	5	8		1	9	9								
	3	40			2	5			8	8								
	1	42			1	3			2	2								
	2	42		1	4	7		1	8	8								
	3	42			2	5			8	8								
	1	44			1	1			1									
	2	44		1	3	5		1	6	6								
	3	44			1	5			7	7								
1995	1	40			1	2			2	2								
	2	40			2	3			5	5								
	3	40			2	2			5	5								
	1	42				2												
	2	42			2	3			4	4								
	3	42			2	2			4	4								
	1	44				2												
	2	44			1	2			3	3								
	3	44			1	2			3	3								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40				1												
	3	40				1												
	1	42																
	2	42				1												
	3	42				1												
	1	44																
	2	44																
	3	44																
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40				1			1	1								
	3	40							1	1								
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44																
	3	44																
1999	1	40																
	2	40				1			1	1								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44							1	1								
	3	44																
2000	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			3	3								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40			1	9			2	8								
	2	40			8	10			18	18								
	3	40			3	8			12	14								
	1	42				4			1	4								
	2	42			5	9			14	14								
	3	42			2	8			10	12								
	1	44				1				1								
	2	44			3	9			8	11								
	3	44			2	8			6	9								
1991	1	40			2	3			2	2								
	2	40			4	9			13	14								
	3	40			1	2			9	9								
	1	42			1	1												
	2	42			4	7			6	7								
	3	42			1	2			5	5								
	1	44																
	2	44			3	5			5	5								
	3	44				1			4	4								
1992	1	40			1	2			6	7								
	2	40			2	7			28	28								
	3	40			1	3			25	25								
	1	42				1			1	2								
	2	42			2	4			23	23								
	3	42			1	2			18	18								
	1	44																
	2	44			1	4			18	18								
	3	44			1	2			18	18								
1993	1	40				1				1								
	2	40			1	6			10	11								
	3	40				2			8	8								
	1	42																
	2	42			1	6			7	10								
	3	42				1			7	7								
	1	44																
	2	44			1	3			3	5								
	3	44				1			7	7								
1994	1	40		1	4	6		1	9	9								
	2	40		1	6	11		1	17	18								
	3	40			5	6			19	19								
	1	42			3	4			5	5								
	2	42		1	5	7		1	16	16								
	3	42			2	6			15	15								
	1	44			2	2			3	3								
	2	44		1	5	6		1	12	12								
	3	44			2	5			13	13								
1995	1	40			1	2			5	5								
	2	40			2	6			18	20								
	3	40			2	3			17	18								
	1	42			1	2			3	3								
	2	42			2	3			15	15								
	3	42			2	2			12	12								
	1	44				2				2								
	2	44			2	3			9	9								
	3	44			2	2			11	11								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40				2			6	6								
	3	40				1			6	6								
	1	42																
	2	42				1			4	4								
	3	42				1			3	3								
	1	44																
	2	44				1			2	2								
	3	44				1			3	3								
1997	1	40																
	2	40																
	3	40							1	1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40							1	1								
	2	40				1			12	12								
	3	40							10	10								
	1	42																
	2	42				1			4	4								
	3	42							6	6								
	1	44																
	2	44							2	2								
	3	44							4	4								
1999	1	40							1	1								
	2	40				1			8	8								
	3	40							6	6								
	1	42							1	1								
	2	42				1			5	5								
	3	42							4	4								
	1	44																
	2	44							3	3								
	3	44							3	3								
2000	1	40																
	2	40							3	3								
	3	40							3	3								
	1	42																
	2	42							3	3								
	3	42							2	2								
	1	44																
	2	44							1	1								
	3	44							1	1								
2001	1	40			1	1			3	3								
	2	40			1	1			10	10								
	3	40							8	8								
	1	42																
	2	42			1	1			4	4								
	3	42							6	6								
	1	44																
	2	44			1	1			4	4								
	3	44							4	4								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40			2	9			2	2								
	2	40			10	13			18	18								
	3	40			5	9			12	12								
	1	42				8			1	1								
	2	42			7	11			14	14								
	3	42			5	8			10	10								
	1	44				6												
	2	44			5	9			10	8								
	3	44			2	8			6	6								
1991	1	40			2	5			2	2								
	2	40			5	11			13	13								
	3	40			1	6			9	9								
	1	42			1	3												
	2	42			4	9			6	6								
	3	42			1	4			5	5								
	1	44																
	2	44			3	8			5	5								
	3	44				3			4	4								
1992	1	40			1	4			6	6								
	2	40			2	9			28	28								
	3	40			1	8			25	25								
	1	42				2			1	1								
	2	42			2	7			23	23								
	3	42			1	6			18	18								
	1	44				1												
	2	44			2	7			18	18								
	3	44			1	5			18	18								
1993	1	40				5												
	2	40			1	9			10	10								
	3	40				4			8	8								
	1	42				2												
	2	42			1	8			7	7								
	3	42				3			7	7								
	1	44																
	2	44			1	6			3	3								
	3	44				3			7	7								
1994	1	40		1	4	7		1	9	9								
	2	40	1	1	7	15	1	1	17	17								
	3	40		1	5	9		1	19	19								
	1	42		1	3	5		1	5	5								
	2	42		1	5	13		1	16	16								
	3	42			5	7			15	15								
	1	44			2	3			3	3								
	2	44		1	5	11		1	12	12								
	3	44			5	6			13	13								
1995	1	40			2	3			5	5								
	2	40		1	2	10		1	18	18								
	3	40			2	6			17	17								
	1	42			1	2			3	3								
	2	42		1	2	8		1	15	15								
	3	42			2	4			12	12								
	1	44			1	2			1									
	2	44			2	6			9	9								
	3	44			2	4			11	11								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40				1												
	2	40				3			6	6								
	3	40				4			6	6								
	1	42																
	2	42				2			4	4								
	3	42				2			3	3								
	1	44																
	2	44				2			2	2								
	3	44				1			3	3								
1997	1	40																
	2	40																
	3	40							1	1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40				1			1	1								
	2	40				1			12	12								
	3	40				1			10	10								
	1	42																
	2	42				1			4	4								
	3	42				1			6	6								
	1	44																
	2	44				1			2	2								
	3	44							4	4								
1999	1	40				1			1	1								
	2	40				2			8	8								
	3	40				1			6	6								
	1	42							1	1								
	2	42				2			5	5								
	3	42							4	4								
	1	44																
	2	44				1			3	3								
	3	44							3	3								
2000	1	40																
	2	40				1			3	3								
	3	40				1			3	3								
	1	42																
	2	42				1			3	3								
	3	42							2	2								
	1	44																
	2	44				1			1	1								
	3	44							1	1								
2001	1	40			1	1			3	3								
	2	40			1	5			10	10								
	3	40				2			8	8								
	1	42																
	2	42			1	3			4	4								
	3	42				1			6	6								
	1	44																
	2	44			1	1			4	4								
	3	44				1			4	4								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40				2				2								
	2	40			2	9			2	8								
	3	40				5			1	5								
	1	42																
	2	42			1	9			2	8								
	3	42				5			1	5								
	1	44																
	2	44				6			1	6								
	3	44				5			1	5								
1991	1	40																
	2	40			3	5			3	3								
	3	40							1	1								
	1	42																
	2	42			2	3			2	2								
	3	42							1	1								
	1	44																
	2	44			2	2			2	2								
	3	44							1	1								
1992	1	40																
	2	40			1	3			8	9								
	3	40				2			9	9								
	1	42																
	2	42			1	2			3	4								
	3	42				1			4	5								
	1	44																
	2	44				1			2	3								
	3	44				1				1								
1993	1	40																
	2	40				1				1								
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1994	1	40			3	4			4	4								
	2	40		1	4	6		1	9	9								
	3	40			1	5			9	9								
	1	42			1	1			2	2								
	2	42		1	4	6		1	8	8								
	3	42			1	5			8	8								
	1	44			1	1			1	1								
	2	44			3	4			7	7								
	3	44			1	5			7	7								
1995	1	40			1	2			2	2								
	2	40			2	2			6	6								
	3	40			2	2			5	5								
	1	42				1				1								
	2	42			1	2			5	5								
	3	42			1	2			5	5								
	1	44				1				1								
	2	44			1	2			4	4								
	3	44				2			3	3								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40																
	3	40								1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40							1	1								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																
1999	1	40																
	2	40							2	2								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44							1	1								
	3	44																
2000	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			3	3								
	3	40																
	1	42																
	2	42							2	2								
	3	42																
	1	44																
	2	44							1	1								
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1990	1	40				8												
	2	40			3	9			2	2								
	3	40			1	8			1	1								
	1	42				2												
	2	42			2	9			2	2								
	3	42				8			1	1								
	1	44				1												
	2	44				8			1	1								
	3	44				7			1	1								
1991	1	40				1												
	2	40			3	7			3	3								
	3	40				1			1	1								
	1	42																
	2	42			2	4			2	2								
	3	42				1			1	1								
	1	44																
	2	44			2	4			2	2								
	3	44				1			1	1								
1992	1	40				1												
	2	40			1	7			8	8								
	3	40			1	3			9	9								
	1	42				1												
	2	42			1	4			3	3								
	3	42			1	2			5	4								
	1	44																
	2	44				3			2	2								
	3	44				2												
1993	1	40																
	2	40				5												
	3	40				1												
	1	42																
	2	42				2												
	3	42				1												
	1	44																
	2	44				2												
	3	44																
1994	1	40		1	3	5		1	4	4								
	2	40		1	5	10		1	9	9								
	3	40			2	5			9	9								
	1	42			1	3			2	2								
	2	42		1	4	7		1	8	8								
	3	42			2	5			8	8								
	1	44			1	1			1									
	2	44		1	3	5		1	7	7								
	3	44			1	5			7	7								
1995	1	40			1	2			2	2								
	2	40			2	5			6	6								
	3	40			2	2			5	5								
	1	42				2												
	2	42			2	3			5	5								
	3	42			2	2			5	5								
	1	44				2												
	2	44			1	3			4	4								
	3	44			1	2			3	3								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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 Deg C	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
			Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
			Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
1996	1	40																
	2	40				2												
	3	40				1												
	1	42																
	2	42				1												
	3	42				1												
	1	44																
	2	44																
	3	44				1												
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40				1			1	1								
	3	40							1	1								
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44																
	3	44																
1999	1	40																
	2	40				1			2	2								
	3	40							1	1								
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44							1	1								
	3	44																
2000	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			3	3								
	3	40																
	1	42																
	2	42							2	2								
	3	42																
	1	44																
	2	44							1	1								
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40			1	9			2	8								
	2	40			5	9			15	15								
	3	40			2	8			10	12								
	1	42				2				2								
	2	42			3	9			10	11								
	3	42			2	8			6	9								
	1	44				1				1								
	2	44			2	9			4	9								
	3	44			1	7			4	8								
1991	1	40			2	3			2	2								
	2	40			4	7			7	7								
	3	40			1	2			5	5								
	1	42																
	2	42			4	6			5	5								
	3	42				1			5	5								
	1	44																
	2	44			3	5			4	4								
	3	44				1			3	3								
1992	1	40			1	2			3	4								
	2	40			2	4			24	24								
	3	40			1	2			19	19								
	1	42				1				1								
	2	42			1	4			20	20								
	3	42			1	2			18	18								
	1	44																
	2	44			1	3			9	9								
	3	44			1	2			16	16								
1993	1	40																
	2	40			1	6			9	11								
	3	40				1			7	7								
	1	42																
	2	42			1	3			5	7								
	3	42				1			7	7								
	1	44																
	2	44				2			2	4								
	3	44							2	2								
1994	1	40		1	4	6		1	8	8								
	2	40		1	5	8		1	16	16								
	3	40			2	6			15	15								
	1	42			3	4			5	5								
	2	42		1	5	7		1	16	16								
	3	42			2	5			13	13								
	1	44			1	1			2	2								
	2	44		1	4	6		1	10	10								
	3	44			2	5			13	13								
1995	1	40			1	2			5	5								
	2	40			2	4			17	18								
	3	40			2	2			13	13								
	1	42			1	2			2	2								
	2	42			2	3			10	10								
	3	42			2	2			11	11								
	1	44				1				1								
	2	44			2	2			8	8								
	3	44			2	2			8	8								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40				1			6	6								
	3	40				1			3	3								
	1	42																
	2	42				1			4	4								
	3	42				1			3	3								
	1	44																
	2	44							1	1								
	3	44							3	3								
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40							1	1								
	2	40				1			6	6								
	3	40							6	6								
	1	42																
	2	42				1			4	4								
	3	42							4	4								
	1	44																
	2	44							1	1								
	3	44							2	2								
1999	1	40							1	1								
	2	40				1			6	6								
	3	40							4	4								
	1	42																
	2	42							4	4								
	3	42							3	3								
	1	44																
	2	44							2	2								
	3	44							1	1								
2000	1	40																
	2	40							3	3								
	3	40							2	2								
	1	42																
	2	42							2	2								
	3	42							2	2								
	1	44																
	2	44																
	3	44							1	1								
2001	1	40							2	2								
	2	40			1	1			7	7								
	3	40							6	6								
	1	42																
	2	42			1	1			4	4								
	3	42							4	4								
	1	44																
	2	44			1	1			3	3								
	3	44							4	4								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40			2	9			2	2								
	2	40			7	11			15	15								
	3	40			5	8			10	10								
	1	42				8												
	2	42			5	10			11	10								
	3	42			3	8			7	6								
	1	44				4												
	2	44			3	9			4	4								
	3	44			2	8			4	4								
1991	1	40			2	4			2	2								
	2	40			4	9			7	7								
	3	40			1	5			5	5								
	1	42				1												
	2	42			4	9			5	5								
	3	42				3			5	5								
	1	44																
	2	44			3	8			4	4								
	3	44				2			3	3								
1992	1	40			1	4			3	3								
	2	40			2	7			24	24								
	3	40			1	6			19	19								
	1	42				1												
	2	42			2	7			20	20								
	3	42			1	5			18	18								
	1	44				1												
	2	44			1	7			9	9								
	3	44			1	4			16	16								
1993	1	40				2												
	2	40			1	8			9	9								
	3	40				3			7	7								
	1	42				1												
	2	42			1	7			5	5								
	3	42				3			7	7								
	1	44																
	2	44				5			2	2								
	3	44				2			2	2								
1994	1	40		1	4	7		1	8	8								
	2	40		1	5	14		1	16	16								
	3	40			5	7			15	15								
	1	42		1	3	5		1	5	5								
	2	42		1	5	12		1	16	16								
	3	42			5	6			13	13								
	1	44			1	3			2	2								
	2	44		1	5	10		1	10	10								
	3	44			2	6			13	13								
1995	1	40			2	3			5	5								
	2	40		1	2	8		1	17	17								
	3	40			2	5			13	13								
	1	42			1	2			2	2								
	2	42			2	7			10	10								
	3	42			2	4			11	11								
	1	44				2												
	2	44			2	6			8	8								
	3	44			2	4			8	8								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40				1												
	2	40				3			6	6								
	3	40				2			3	3								
	1	42																
	2	42				2			4	4								
	3	42				1			3	3								
	1	44																
	2	44				2			1	1								
	3	44				1			3	3								
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40				1			1	1								
	2	40				1			6	6								
	3	40				1			6	6								
	1	42																
	2	42				1			4	4								
	3	42							4	4								
	1	44																
	2	44				1			1	1								
	3	44							2	2								
1999	1	40							1	1								
	2	40				2			6	6								
	3	40							4	4								
	1	42																
	2	42				1			4	4								
	3	42							3	3								
	1	44																
	2	44				1			2	2								
	3	44							1	1								
2000	1	40																
	2	40				1			3	3								
	3	40							2	2								
	1	42																
	2	42				1			2	2								
	3	42							2	2								
	1	44																
	2	44																
	3	44							1	1								
2001	1	40							2	2								
	2	40			1	5			7	7								
	3	40				1			6	6								
	1	42																
	2	42			1	1			4	4								
	3	42				1			4	4								
	1	44																
	2	44			1	1			3	3								
	3	44				1			4	4								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(15)

City	Townsville	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			1	9			2	8								
	2	40			7	10			15	15								
	3	40			2	8			10	12								
	1	42				4			1	4								
	2	42			3	9			12	12								
	3	42			2	8			8	11								
	1	44				1				1								
	2	44			2	9			5	10								
	3	44			2	8			5	9								
1991	1	40			2	3			2	2								
	2	40			4	9			10	11								
	3	40			1	2			8	8								
	1	42																
	2	42			4	6			5	5								
	3	42			1	2			5	5								
	1	44																
	2	44			3	5			4	4								
	3	44				1			4	4								
1992	1	40			1	2			4	5								
	2	40			2	7			25	25								
	3	40			1	3			23	23								
	1	42				1			1	2								
	2	42			2	4			23	23								
	3	42			1	2			18	18								
	1	44																
	2	44			1	4			15	15								
	3	44			1	2			18	18								
1993	1	40																
	2	40			1	6			10	11								
	3	40				1			8	8								
	1	42																
	2	42			1	4			7	9								
	3	42				1			7	7								
	1	44																
	2	44				2			2	4								
	3	44				1			5	6								
1994	1	40		1	4	6		1	8	8								
	2	40		1	5	10		1	16	17								
	3	40			5	6			18	18								
	1	42			3	4			5	5								
	2	42		1	5	7		1	16	16								
	3	42			2	5			14	14								
	1	44			2	2			2	2								
	2	44		1	5	6		1	11	11								
	3	44			2	5			13	13								
1995	1	40			1	2			5	5								
	2	40			2	6			18	20								
	3	40			2	2			14	14								
	1	42			1	2			2	2								
	2	42			2	3			13	13								
	3	42			2	2			12	12								
	1	44				2				2								
	2	44			2	3			8	8								
	3	44			2	2			9	9								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(15)

City	Townsville	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40																
	2	40				2			6	6								
	3	40				1			4	4								
	1	42																
	2	42				1			4	4								
	3	42				1			3	3								
	1	44																
	2	44				1			1	1								
	3	44				1			3	3								
1997	1	40																
	2	40																
	3	40							1	1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40							1	1								
	2	40				1			10	10								
	3	40							8	8								
	1	42																
	2	42				1			4	4								
	3	42							5	5								
	1	44																
	2	44							2	2								
	3	44							3	3								
1999	1	40							1	1								
	2	40				1			7	7								
	3	40							5	5								
	1	42																
	2	42				1			4	4								
	3	42							4	4								
	1	44																
	2	44							2	2								
	3	44							2	2								
2000	1	40																
	2	40							3	3								
	3	40							2	2								
	1	42																
	2	42							3	3								
	3	42							2	2								
	1	44																
	2	44							1	1								
	3	44							1	1								
2001	1	40			1	1			2	2								
	2	40			1	1			8	8								
	3	40							7	7								
	1	42																
	2	42			1	1			4	4								
	3	42							6	6								
	1	44																
	2	44			1	1			3	3								
	3	44							4	4								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(15a)

City	Townsville	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1990	1	40			2	9			2	2								
	2	40			10	12			15	15								
	3	40			5	8			10	10								
	1	42				8			1	1								
	2	42			7	11			12	12								
	3	42			3	8			9	8								
	1	44				5												
	2	44			3	9			5	5								
	3	44			2	8			5	5								
1991	1	40			2	4			2	2								
	2	40			5	10			10	10								
	3	40			1	5			8	8								
	1	42				2												
	2	42			4	9			5	5								
	3	42			1	4			5	5								
	1	44																
	2	44			3	8			4	4								
	3	44				2			4	4								
1992	1	40			1	4			4	4								
	2	40			2	8			25	25								
	3	40			1	7			23	23								
	1	42				2			1	1								
	2	42			2	7			23	23								
	3	42			1	6			18	18								
	1	44				1												
	2	44			2	7			15	15								
	3	44			1	5			18	18								
1993	1	40				3												
	2	40			1	8			10	10								
	3	40				3			8	8								
	1	42				1												
	2	42			1	8			7	7								
	3	42				3			7	7								
	1	44																
	2	44				5			2	2								
	3	44				2			5	5								
1994	1	40		1	4	7		1	8	8								
	2	40	1	1	6	14	1	1	16	16								
	3	40		1	5	9		1	18	18								
	1	42		1	3	5		1	5	5								
	2	42		1	5	12		1	16	16								
	3	42			5	6			14	14								
	1	44			2	3			2	2								
	2	44		1	5	11		1	11	11								
	3	44			2	6			13	13								
1995	1	40			2	3			5	5								
	2	40		1	2	10		1	18	18								
	3	40			2	5			14	14								
	1	42			1	2			2	2								
	2	42		1	2	7		1	13	13								
	3	42			2	4			12	12								
	1	44				2												
	2	44			2	6			8	8								
	3	44			2	4			9	9								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(15a)

City	Townsville	Dress	Semi Clothed	Activity	Standing plus light work at machine or bench. Some moving around, using table saw, driving truck in light traffic.
		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.
1996	1	40				1												
	2	40				3			6	6								
	3	40				2			4	4								
	1	42																
	2	42				2			4	4								
	3	42				2			3	3								
	1	44																
	2	44				2			1	1								
	3	44				1			3	3								
1997	1	40																
	2	40																
	3	40							1	1								
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40				1			1	1								
	2	40				1			10	10								
	3	40				1			8	8								
	1	42																
	2	42				1			4	4								
	3	42							5	5								
	1	44																
	2	44				1			2	2								
	3	44							3	3								
1999	1	40				1			1	1								
	2	40				2			7	7								
	3	40				1			5	5								
	1	42																
	2	42				1			4	4								
	3	42							4	4								
	1	44																
	2	44				1			2	2								
	3	44							2	2								
2000	1	40																
	2	40				1			3	3								
	3	40				1			2	2								
	1	42																
	2	42				1			3	3								
	3	42							2	2								
	1	44																
	2	44							1	1								
	3	44							1	1								
2001	1	40			1	1			2	2								
	2	40			1	5			8	8								
	3	40				1			7	7								
	1	42																
	2	42			1	1			4	4								
	3	42				1			6	6								
	1	44																
	2	44			1	1			3	3								
	3	44				1			4	4								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(16)

City	Townsville	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40			10	14			62	62								
	2	40	15	17	14	33		2	114	114			1	1	3	3	48	48
	3	40	3	5	9	28		2	112	113	7	7	7	7	20	21	101	105
	1	42			10	12			30	30								
	2	42	9	10	13	26		1	107	107					1	1	7	7
	3	42	1	2	9	21		1	100	100			1	1	6	6	47	47
	1	44			5	9			15	15								
	2	44	1	2	12	22		1	93	93								
	3	44		1	9	18		1	92	92					1	1	14	14
1991	1	40			12	17			43	44								
	2	40	11	11	19	26	3	3	89	89	8	8	21	21	32	32	58	58
	3	40	2	2	7	15	7	7	79	79	27	27	31	31	44	44	76	76
	1	42			6	10			20	21								
	2	42	10	10	19	24			72	72			2	2	11	11	31	31
	3	42	2	2	6	12	1	1	69	69	12	12	16	16	27	27	58	58
	1	44			4	7			7	7								
	2	44	7	7	16	22			59	59					1	1	4	4
	3	44	2	2	4	10	1	1	62	62			11	11	15	15	38	38
1992	1	40			4	12			58	58								
	2	40	6	7	10	37	4	5	110	112	18	18	29	29	34	34	60	60
	3	40		1	8	26	10	11	110	112	33	33	37	37	46	46	83	84
	1	42			3	7			38	38								
	2	42	1	1	10	29	1	1	102	103	4	4	8	8	8	8	34	34
	3	42		1	7	25	4	5	102	104	11	11	17	17	30	30	57	58
	1	44			2	4			24	24								
	2	44			9	22			82	83	1	1	1	1	3	3	9	9
	3	44		1	7	22		1	91	91	5	5	10	10	13	13	40	40
1993	1	40			4	11			22	22								
	2	40	7	7	10	16			83	83	4	4	7	7	7	7	20	20
	3	40			4	11	2	2	83	83	7	7	9	9	15	15	61	61
	1	42			2	8			13	13								
	2	42	3	3	9	12			63	63			2	2	4	4	6	6
	3	42			3	9			68	68	3	3	3	3	6	6	26	26
	1	44			1	6			9	11								
	2	44	1	1	8	12			43	43							3	3
	3	44			2	9			54	54			2	2	2	2	11	11
1994	1	40	1	1	14	20	1	1	50	50							3	3
	2	40	17	18	24	31	6	6	88	89	19	19	30	30	34	34	57	57
	3	40	2	4	8	20	11	11	90	90	38	38	39	39	50	50	76	76
	1	42	1	1	8	13	1	1	28	29								
	2	42	14	15	22	28	4	4	80	80	5	5	11	11	15	15	33	33
	3	42	2	4	8	19	5	5	82	82	19	19	24	24	32	32	63	63
	1	44		1	5	8		1	16	16								
	2	44	7	7	19	27	1	1	68	68	2	2	3	3	5	5	9	9
	3	44	2	4	8	18	2	3	75	76	2	2	8	8	19	19	43	43
1995	1	40		1	4	11		1	53	53								
	2	40	2	3	10	21	5	6	131	132	18	18	22	22	28	28	67	67
	3	40		2	5	18	12	12	132	132	33	33	43	44	55	56	97	97
	1	42		1	3	8		1	28	28								
	2	42	1	3	9	18	2	4	107	108	4	4	7	7	11	11	27	27
	3	42		2	4	16	3	5	111	111	15	15	19	19	35	36	69	69
	1	44			2	4			17	18								
	2	44	1	3	7	15		2	80	80	2	2	2	2	3	3	10	10
	3	44		2	4	13		2	97	97	6	6	10	10	14	14	44	44

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(16)

City	Townsville	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			2	8			50	50								
	2	40	3	3	4	13			142	143	7	7	10	10	19	19	50	50
	3	40			2	10	1	1	135	135	18	18	21	21	34	34	95	95
	1	42			1	3			18	18								
	2	42	1	1	3	12			118	119					1	1	17	17
	3	42			1	10			121	122	4	4	8	8	16	16	55	55
	1	44				1			6	6								
	2	44	1	1	3	9			95	95							1	1
	3	44			1	10			106	107			1	1	2	2	24	24
1997	1	40			1	1			28	28								
	2	40	2	2	1	4			85	85	5	5	7	7	13	13	45	45
	3	40				4	3	3	85	85	18	18	25	25	39	39	79	79
	1	42							5	5								
	2	42	1	1	1	3			68	68			1	1	5	5	11	11
	3	42				2			73	73	5	5	11	11	20	20	51	51
	1	44																
	2	44	1	1	1	1			58	58							1	1
	3	44							63	63	1	1	4	4	6	6	25	25
1998	1	40			1	2			61	61							1	1
	2	40	3	3	1	11	1	1	140	140	12	12	19	19	28	28	88	88
	3	40			1	5	7	7	141	141	34	34	51	51	68	68	137	137
	1	42				1			26	26								
	2	42	2	2	1	6	1	1	120	120	2	2	2	2	4	4	25	25
	3	42				2	1	1	127	127	17	17	25	25	35	35	97	97
	1	44				1			6	6								
	2	44			1	3	1	1	99	99							3	3
	3	44				1			111	111	2	2	7	7	13	13	50	50
1999	1	40			1	5			40	40								
	2	40	1	1	2	12			102	102	9	9	17	17	25	25	57	57
	3	40				9	3	3	99	99	31	31	42	42	51	51	103	103
	1	42				1			17	17								
	2	42	1	1	1	8			90	90					2	2	20	20
	3	42				6			93	93	13	13	24	24	31	31	65	65
	1	44				1			6	6								
	2	44			1	6			66	66							2	2
	3	44				2			78	78			6	6	10	10	42	42
2000	1	40				2			16	16								
	2	40	4	4	1	7			82	82	3	3	7	7	15	15	44	44
	3	40				2	2	2	78	78	16	16	23	23	40	40	98	98
	1	42				1			4	5								
	2	42	2	2	1	5			68	68					1	1	11	11
	3	42				2			66	66	3	3	7	7	19	19	54	54
	1	44							3	3								
	2	44	1	1		3			46	46								
	3	44				2			54	54	1	1	2	2	4	4	25	25
2001	1	40			2	6			54	54								
	2	40	6	6	9	23	2	2	120	120	7	7	15	15	19	19	49	49
	3	40			1	15	7	7	121	121	24	24	30	30	39	39	80	80
	1	42			2	2			24	24								
	2	42	4	4	5	14			109	109	1	1	3	3	4	4	20	20
	3	42			1	10	2	2	111	111	12	12	16	16	24	24	59	59
	1	44			1	1			7	7								
	2	44	2	2	5	13			89	89							3	3
	3	44			1	8			95	95	2	2	2	2	8	8	33	33

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(16a)

City	Townsville	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1990	1	40		1	10	24		1	62	62								
	2	40	15	23	16	72		9	114	114		2	1	6	3	11	48	48
	3	40	3	11	9	52		8	112	112	7	15	7	15	20	53	101	101
	1	42			10	16			30	30								
	2	42	9	15	14	57		6	107	107				1	1	3	7	7
	3	42	1	7	9	45		6	100	100		2	1	6	6	14	47	47
	1	44			7	11			15	15								
	2	44	1	5	13	44		4	93	93								
	3	44		5	9	38		5	92	92				1	1	6	14	14
1991	1	40			13	22			43	43								
	2	40	11	13	21	40	3	7	89	89	8	8	21	21	32	33	58	58
	3	40	2	3	9	28	7	10	79	79	27	29	31	37	44	50	76	76
	1	42			7	13			20	20								
	2	42	10	10	19	35			72	72			2	2	11	11	31	31
	3	42	2	3	7	23	1	2	69	69	12	12	16	18	27	33	58	58
	1	44			4	9			7	7								
	2	44	7	7	16	28			59	59					1	1	4	4
	3	44	2	2	5	18	1	1	62	62			11	11	15	16	38	38
1992	1	40			6	28			58	58								
	2	40	6	8	13	56	4	8	110	110	18	19	29	30	34	36	60	60
	3	40		4	10	50	10	14	110	110	33	35	37	41	46	60	83	83
	1	42			4	15			38	38								
	2	42	1	2	11	48	1	2	102	102	4	4	8	8	8	9	34	34
	3	42		2	9	43	4	6	102	102	11	12	17	18	30	35	57	57
	1	44			2	7			24	24								
	2	44		1	9	41		1	82	82	1	1	1	1	3	3	9	9
	3	44		1	8	33		1	91	91	5	5	10	11	13	14	40	40
1993	1	40			7	11			22	22								
	2	40	7	8	11	23		1	83	83	4	4	7	7	7	9	20	20
	3	40			5	18	2	2	83	83	7	8	9	13	15	22	61	61
	1	42			3	10			13	13								
	2	42	3	3	10	21			63	63			2	2	4	4	6	6
	3	42			3	16			68	68	3	3	3	3	6	11	26	26
	1	44			1	8			9	9								
	2	44	1	1	9	19			43	43							3	3
	3	44			3	13			54	54			2	2	2	2	11	11
1994	1	40	1	2	15	24	1	2	50	50							3	3
	2	40	17	19	24	42	6	9	88	88	19	19	30	30	34	35	57	57
	3	40	3	8	13	30	11	15	90	90	38	40	39	41	50	60	76	76
	1	42	1	1	8	18	1	1	28	28								
	2	42	14	15	24	34	4	5	80	80	5	5	11	11	15	15	33	33
	3	42	3	7	10	28	5	8	82	82	19	20	24	25	32	36	63	63
	1	44		1	5	14		1	16	16								
	2	44	7	8	21	30	1	3	68	68	2	2	3	3	5	5	9	9
	3	44	2	7	8	23	2	6	75	75	2	3	8	9	19	20	43	43
1995	1	40		2	5	17		2	53	53								
	2	40	2	3	12	41	5	6	131	131	18	20	22	24	28	29	67	67
	3	40		2	6	32	12	12	132	132	33	35	43	46	55	62	97	97
	1	42		1	3	12		1	28	28								
	2	42	2	3	11	34	3	4	107	107	4	5	7	8	11	13	27	27
	3	42		2	5	26	3	5	111	111	15	17	19	21	35	37	69	69
	1	44		1	2	8		1	17	17								
	2	44	1	3	8	28		2	80	80	2	2	2	2	3	4	10	10
	3	44		2	4	21		2	97	97	6	7	10	12	14	16	44	44

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(16a)

City	Townsville	Dress	Semi Clothed	Activity	Intermittent heavy lifting, pushing or pulling. eg Sawing wood by hand, callisthenic exercise pick and shovel work.
		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.
1996	1	40			2	12			50	50								
	2	40	3	3	6	36			142	142	7	7	10	10	19	20	50	50
	3	40		1	4	29	1	2	135	135	18	19	21	24	34	50	95	95
	1	42			1	8			18	18								
	2	42	1	1	4	25			118	118					1	1	17	17
	3	42			2	20			121	121	4	4	8	8	16	19	55	55
	1	44				3			6	6								
	2	44	1	1	3	17			95	95							1	1
	3	44			2	14			106	106			1	1	2	2	24	24
1997	1	40			1	3			28	28								
	2	40	2	2	1	16			85	85	5	5	7	7	13	13	45	45
	3	40				13	3	3	85	85	18	18	25	25	39	45	79	79
	1	42							5	5								
	2	42	1	1	1	12			68	68			1	1	5	5	11	11
	3	42				9			73	73	5	5	11	11	20	20	51	51
	1	44																
	2	44	1	1	1	8			58	58							1	1
	3	44				6			63	63	1	1	4	4	6	6	25	25
1998	1	40			1	6			61	61							1	1
	2	40	3	3	2	36	1	1	140	140	12	12	19	19	28	29	88	88
	3	40			1	35	7	7	141	141	34	34	51	51	68	72	137	137
	1	42				3			26	26								
	2	42	2	2	1	28	1	1	120	120	2	2	2	2	4	4	25	25
	3	42			1	23	1	1	127	127	17	17	25	25	35	35	97	97
	1	44				1			6	6								
	2	44			1	16	1	1	99	99							3	3
	3	44				15			111	111	2	2	7	7	13	13	50	50
1999	1	40			1	8			40	40								
	2	40	1	1	3	21			102	102	9	9	17	17	25	25	57	57
	3	40			2	19	3	3	99	99	31	31	42	43	51	53	103	103
	1	42				5			17	17								
	2	42	1	1	2	18			90	90					2	2	20	20
	3	42			1	14			93	93	13	13	24	24	31	32	65	65
	1	44				2			6	6								
	2	44			1	15			66	66							2	2
	3	44				12			78	78			6	6	10	10	42	42
2000	1	40				5			16	16								
	2	40	4	4	2	12			82	82	3	3	7	7	15	15	44	44
	3	40			2	9	2	2	78	78	16	16	23	23	40	44	98	98
	1	42				2			4	4								
	2	42	2	2	1	8			68	68					1	1	11	11
	3	42			1	8			66	66	3	3	7	7	19	20	54	54
	1	44				1			3	3								
	2	44	1	1	1	7			46	46								
	3	44				6			54	54	1	1	2	2	4	4	25	25
2001	1	40			2	11			54	54								
	2	40	6	6	9	47	2	2	120	120	7	7	15	15	19	19	49	49
	3	40			2	45	7	7	121	121	24	24	30	30	39	58	80	80
	1	42			2	7			24	24								
	2	42	4	4	9	39			109	109	1	1	3	3	4	4	20	20
	3	42			1	30	2	2	111	111	12	12	16	16	24	24	59	59
	1	44			1	5			7	7								
	2	44	2	2	5	31			89	89							3	3
	3	44			1	24			95	95	2	2	2	2	8	8	33	33

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40				2				2								
	2	40			2	9			3	8								
	3	40				6			2	6								
	1	42				1				1								
	2	42			1	9			2	8								
	3	42				5			1	5								
	1	44																
	2	44				6			1	6								
	3	44				5			1	5								
1991	1	40																
	2	40			2	4			3	3								
	3	40							1	1								
	1	42																
	2	42			2	3			2	2								
	3	42							1	1								
	1	44																
	2	44			2	2			2	2								
	3	44							1	1								
1992	1	40				1				1								
	2	40			1	3			9	9								
	3	40				2			6	6								
	1	42																
	2	42			1	2			4	5								
	3	42				1			4	5								
	1	44																
	2	44				1			2	3								
	3	44				1				1								
1993	1	40																
	2	40				2				2								
	3	40																
	1	42																
	2	42				1				1								
	3	42																
	1	44																
	2	44																
	3	44																
1994	1	40			3	4			4	4								
	2	40		1	4	6		1	9	9								
	3	40			2	5			9	9								
	1	42			1	1			2	2								
	2	42			4	6			8	8								
	3	42			1	5			8	8								
	1	44			1	1			1	1								
	2	44			3	4			7	7								
	3	44			1	5			7	7								
1995	1	40			1	2			2	2								
	2	40			2	2			6	6								
	3	40			2	2			5	5								
	1	42				1				1								
	2	42			1	2			5	5								
	3	42			1	2			5	5								
	1	44				1				1								
	2	44			1	2			3	3								
	3	44			1	2			3	3								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40																
	3	40								1								
	1	42																
	2	42																
	3	42								1								
	1	44																
	2	44																
	3	44																
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40							1	1								
	3	40							1	1								
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44																
	3	44																
1999	1	40																
	2	40							2	2								
	3	40																
	1	42																
	2	42							1	1								
	3	42																
	1	44																
	2	44							1	1								
	3	44																
2000	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			3	3								
	3	40																
	1	42																
	2	42							2	2								
	3	42																
	1	44																
	2	44							1	1								
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40				8												
	2	40			3	9			3	3								
	3	40			1	8			2	2								
	1	42				4												
	2	42			2	9			2	2								
	3	42			1	8			1	1								
	1	44				1												
	2	44				8			1	1								
	3	44				7			1	1								
1991	1	40				1												
	2	40			2	7			3	3								
	3	40				1			1	1								
	1	42																
	2	42			2	4			2	2								
	3	42				1			1	1								
	1	44																
	2	44			2	4			2	2								
	3	44				1			1	1								
1992	1	40				1												
	2	40			1	7			9	9								
	3	40			1	3			6	6								
	1	42				1												
	2	42			1	4			4	4								
	3	42			1	2			5	4								
	1	44																
	2	44				3			2	2								
	3	44				2												
1993	1	40				1												
	2	40				5												
	3	40				1												
	1	42																
	2	42				4												
	3	42				1												
	1	44																
	2	44				2												
	3	44																
1994	1	40			3	5			4	4								
	2	40		1	5	10		1	9	9								
	3	40			2	5			9	9								
	1	42			1	3			2	2								
	2	42		1	4	7		1	8	8								
	3	42			2	5			8	8								
	1	44			1	1			1	1								
	2	44		1	3	5		1	7	7								
	3	44			1	5			7	7								
1995	1	40			1	2			2	2								
	2	40			2	6			6	6								
	3	40			2	2			5	5								
	1	42				2												
	2	42			2	3			5	5								
	3	42			2	2			5	5								
	1	44				2												
	2	44			1	3			3	3								
	3	44			2	2			3	3								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40																
	2	40				2												
	3	40				1												
	1	42																
	2	42				1												
	3	42				1												
	1	44																
	2	44				1												
	3	44				1												
1997	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
1998	1	40																
	2	40				1			1	1								
	3	40							1	1								
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44																
	3	44																
1999	1	40																
	2	40				1			2	2								
	3	40																
	1	42																
	2	42				1			1	1								
	3	42																
	1	44																
	2	44							1	1								
	3	44																
2000	1	40																
	2	40																
	3	40																
	1	42																
	2	42																
	3	42																
	1	44																
	2	44																
	3	44																
2001	1	40																
	2	40			1	1			3	3								
	3	40																
	1	42																
	2	42							2	2								
	3	42																
	1	44																
	2	44							1	1								
	3	44																

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40			2	9			5	10								
	2	40			10	11			27	27								
	3	40			5	8			25	25								
	1	42			1	8			2	7								
	2	42			8	10			18	18								
	3	42			5	8			15	17								
	1	44				2				2								
	2	44			5	9			15	15								
	3	44			3	8			11	13								
1991	1	40			3	5			4	4								
	2	40			6	10			20	21								
	3	40			1	4			16	16								
	1	42			2	3			2	2								
	2	42			5	10			14	15								
	3	42			1	3			13	13								
	1	44																
	2	44			4	7			7	7								
	3	44			1	2			8	8								
1992	1	40			1	4			15	15								
	2	40			3	7			36	36								
	3	40			2	5			33	33								
	1	42			1	2			3	4								
	2	42			2	7			31	31								
	3	42			1	4			28	28								
	1	44				1				1								
	2	44			2	4			24	24								
	3	44			1	3			24	24								
1993	1	40				2			2	4								
	2	40			2	7			12	12								
	3	40				3			9	10								
	1	42																
	2	42			1	6			11	12								
	3	42				2			8	8								
	1	44																
	2	44			1	6			9	11								
	3	44				2			8	8								
1994	1	40		1	5	6		1	11	11								
	2	40	1	1	8	13	1	1	25	26								
	3	40			6	8			23	23								
	1	42			4	6			8	8								
	2	42		1	6	12		1	18	19								
	3	42			5	7			21	21								
	1	44			3	4			4	4								
	2	44		1	5	8		1	16	16								
	3	44			5	6			18	18								
1995	1	40			2	3			8	8								
	2	40		1	3	8		1	27	28								
	3	40			2	4			29	30								
	1	42			1	2			5	5								
	2	42			2	6			22	23								
	3	42			2	4			24	25								
	1	44			1	2			2	2								
	2	44			2	4			17	18								
	3	44			2	3			17	18								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40				1			1	1								
	2	40			1	3			17	17								
	3	40				1			19	19								
	1	42																
	2	42				2			11	11								
	3	42				1			10	10								
	1	44																
	2	44				1			6	6								
	3	44				1			5	5								
1997	1	40																
	2	40							4	4								
	3	40							5	5								
	1	42																
	2	42							1	1								
	3	42							1	1								
	1	44																
	2	44																
	3	44							1	1								
1998	1	40							2	2								
	2	40				1			24	24								
	3	40							24	24								
	1	42							1	1								
	2	42				1			15	15								
	3	42							14	14								
	1	44																
	2	44				1			6	6								
	3	44							9	9								
1999	1	40							2	2								
	2	40				1			16	16								
	3	40							12	12								
	1	42							1	1								
	2	42				1			10	10								
	3	42							9	9								
	1	44																
	2	44				1			6	6								
	3	44							6	6								
2000	1	40							1	1								
	2	40				1			3	4								
	3	40							5	5								
	1	42																
	2	42							3	3								
	3	42							3	3								
	1	44																
	2	44							3	3								
	3	44							3	3								
2001	1	40			1	1			3	3								
	2	40			2	2			21	21								
	3	40				1			26	26								
	1	42							2	2								
	2	42			1	1			11	11								
	3	42				1			13	13								
	1	44																
	2	44			1	1			7	7								
	3	44							7	7								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1990	1	40			3	9			5	5								
	2	40			10	16			27	27								
	3	40			7	11			25	25								
	1	42			2	9			2	2								
	2	42			10	14			18	18								
	3	42			5	9			15	15								
	1	44				8												
	2	44			7	11			15	15								
	3	44			5	9			11	11								
1991	1	40			3	8			4	4								
	2	40			7	13			20	20								
	3	40			1	6			16	16								
	1	42			2	4			2	2								
	2	42			6	12			14	14								
	3	42			1	6			13	13								
	1	44				1												
	2	44			4	9			7	7								
	3	44			1	5			8	8								
1992	1	40			2	7			15	15								
	2	40			4	14			36	36								
	3	40			2	14			33	33								
	1	42			1	4			3	3								
	2	42			2	11			31	31								
	3	42			2	9			28	28								
	1	44				1												
	2	44			2	7			24	24								
	3	44			1	7			24	24								
1993	1	40				5			2	2								
	2	40			3	10			12	12								
	3	40				5			9	9								
	1	42				2												
	2	42			2	9			11	11								
	3	42				4			8	8								
	1	44				1												
	2	44			1	8			9	9								
	3	44				3			8	8								
1994	1	40		1	5	11		1	11	11								
	2	40	1	1	8	17	1	1	25	25								
	3	40		1	6	12		1	23	23								
	1	42		1	4	7		1	8	8								
	2	42	1	1	7	15	1	1	18	18								
	3	42		1	5	12		1	21	21								
	1	44		1	3	5		1	4	4								
	2	44		1	5	14		1	16	16								
	3	44		1	5	9		1	18	18								
1995	1	40			2	6			8	8								
	2	40		1	3	12		1	27	27								
	3	40			2	9			29	29								
	1	42			2	3			5	5								
	2	42		1	2	10		1	22	22								
	3	42			2	7			24	24								
	1	44			1	2			2	2								
	2	44		1	2	8		1	17	17								
	3	44			2	5			17	17								

APPENDIX - 17
(Predicted dangerous days - 1990 - 2001)

Table - 17(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.
1996	1	40				2			1	1								
	2	40			1	8			17	17								
	3	40				6			19	19								
	1	42				1												
	2	42				4			11	11								
	3	42				4			10	10								
	1	44																
	2	44				3			6	6								
	3	44				4			5	5								
1997	1	40																
	2	40							4	4								
	3	40							5	5								
	1	42																
	2	42							1	1								
	3	42							1	1								
	1	44																
	2	44																
	3	44							1	1								
1998	1	40				1			2	2								
	2	40				3			24	24								
	3	40				1			24	24								
	1	42				1			1	1								
	2	42				2			15	15								
	3	42				1			14	14								
	1	44																
	2	44				1			6	6								
	3	44				1			9	9								
1999	1	40				1			2	2								
	2	40				5			16	16								
	3	40				2			12	12								
	1	42							1	1								
	2	42				3			10	10								
	3	42				2			9	9								
	1	44																
	2	44				2			6	6								
	3	44				1			6	6								
2000	1	40							1	1								
	2	40				2			3	3								
	3	40				2			5	5								
	1	42																
	2	42				2			3	3								
	3	42				2			3	3								
	1	44																
	2	44				1			3	3								
	3	44				1			3	3								
2001	1	40			1	1			3	3								
	2	40			2	7			21	21								
	3	40				3			26	26								
	1	42							2	2								
	2	42			1	5			11	11								
	3	42				3			13	13								
	1	44																
	2	44			1	5			7	7								
	3	44				1			7	7								

APPENDIX - 18

(Predicted days of heat storage 2070 conditions)

Table - 18(1)

Dress	Fully Clothed				Activity		Sitting-inactive									
City	Alice Springs															
Gender	Male				Met. Rate		393 K. joules / hr.									
Number of Days on which heat would be stored 2070 conditions.																
Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	14	61	176	205	14	61	193	208							6	6
2070(91)	6	49	184	208	6	49	202	215							1	1
2070(92)	14	47	173	199	14	47	189	200							2	2
2070(93)	10	55	164	197	11	56	186	200					1	1	1	1
2070(94)	12	62	161	193	12	62	172	195							4	4
2070(95)	9	50	156	193	9	50	182	196							1	1
2070(96)	15	68	188	216	15	68	203	217							2	2
2070(97)	6	42	171	200	6	42	191	204								
2070(98)	17	73	173	188	17	73	182	190							8	8
2070(99)	5	59	170	198	5	59	187	199							3	3
2070(00)	5	33	156	180	5	33	184	186							4	4
2070(01)	5	31	121	152	5	31	152	160							2	2

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(1a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	15	98	179	226	15	98	193	193							6	6
2070(91)	12	78	186	224	12	78	203	202							1	1
2070(92)	17	85	179	209	17	85	190	189							2	2
2070(93)	16	88	171	212	17	89	186	186					1	1	1	1
2070(94)	22	88	167	208	22	88	173	172							4	4
2070(95)	13	72	160	215	13	72	183	182							1	1
2070(96)	22	99	192	228	22	99	203	203							2	2
2070(97)	12	75	175	216	12	75	191	191								
2070(98)	21	110	173	203	21	110	182	182							8	8
2070(99)	13	100	175	213	13	100	187	187							3	3
2070(00)	8	60	163	195	8	60	184	184							4	4
2070(01)	8	52	127	171	8	52	152	152							2	2

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(2)

Dress	Fully Clothed				Activity		Standing at rest									
City	Alice Springs															
Gender	Male				Met. Rate		666 K. joules / hr.									
Number of Days on which heat would be stored 2070 conditions.																
Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	34	99	189	226	35	99	215	228			1	1	6	6	45	45
2070(91)	29	82	199	225	28	81	216	227	1	1	2	2	4	4	40	40
2070(92)	24	86	191	210	24	86	205	211					2	2	30	30
2070(93)	30	89	182	214	30	89	209	216	1	1	1	1	2	2	50	50
2070(94)	37	88	182	208	37	88	193	209					4	4	39	39
2070(95)	32	73	178	215	33	73	206	217			1	1	2	2	45	45
2070(96)	25	79	188	216	22	76	207	219	1	1	2	2	5	5	40	40
2070(97)	39	111	179	204	38	110	207	213			1	1	9	9	54	54
2070(98)	27	104	186	213	27	104	202	216	1	1	2	2	7	7	53	53
2070(99)	10	62	171	195	11	63	200	202	2	2	3	3	9	9	44	44
2070(00)	21	57	139	172	20	56	175	184					4	4	46	46
2070(01)	35	99	189	226	36	99	219	228			1	1	6	6	51	51

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(2a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	43	126	198	239	44	126	216	215		6	1	12	6	31	45	45
2070(91)	40	134	203	243	39	133	216	216	1	2	2	4	4	14	40	40
2070(92)	32	128	197	222	32	128	207	205		1		5	2	16	30	30
2070(93)	39	120	191	221	39	120	209	209	1	1	1	1	2	15	50	50
2070(94)	49	126	187	220	49	126	193	193		3		10	4	28	39	39
2070(95)	41	110	185	226	41	110	206	206			1	3	2	17	45	45
2070(96)	34	121	193	228	31	120	207	207	1	1	2	3	5	17	40	40
2070(97)	55	151	182	223	54	150	207	207		6	1	8	9	27	54	54
2070(98)	41	131	195	227	41	131	202	202	1	1	2	2	7	16	53	53
2070(99)	17	109	176	204	18	109	200	200	2	2	3	5	9	16	44	44
2070(00)	27	93	143	190	26	92	175	175		2		3	4	7	46	46
2070(01)	44	128	199	240	45	128	220	219		9	1	20	6	45	51	51

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(3)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	35	99	189	226	36	99	219	228			1	1	6	6	51	51
2070(91)	30	87	200	227	29	86	218	229	1	1	3	3	6	6	45	45
2070(92)	26	91	191	212	26	91	207	213					2	2	37	37
2070(93)	31	95	183	214	31	95	210	216	1	1	1	1	2	2	54	54
2070(94)	38	97	184	209	38	97	194	210			1	1	5	5	45	45
2070(95)	32	77	182	215	34	77	207	218			1	1	5	5	49	49
2070(96)	37	103	202	231	38	103	220	234					3	3	45	45
2070(97)	28	82	190	217	24	78	208	220	2	2	4	4	6	6	50	50
2070(98)	41	116	180	208	40	115	209	216			1	1	10	10	62	62
2070(99)	29	106	189	216	30	106	204	219	2	2	3	3	10	10	58	58
2070(00)	12	64	172	195	13	65	201	202	4	4	7	7	12	12	53	53
2070(01)	22	64	139	173	21	63	175	184					7	7	55	55

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(3a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	44	128	199	240	45	128	220	219		9	1	20	6	45	51	51
2070(91)	42	139	203	245	41	138	218	218	1	3	3	7	6	23	45	45
2070(92)	33	128	197	222	33	128	207	207		4		9	2	25	37	37
2070(93)	43	126	191	222	43	126	210	210	1	1	1	2	2	26	54	54
2070(94)	52	130	187	220	52	130	194	194		7	1	13	5	34	45	45
2070(95)	44	114	186	226	44	114	207	207			1	6	5	31	49	49
2070(96)	50	139	208	246	51	139	220	220		5		17	3	31	45	45
2070(97)	36	126	193	229	32	125	208	208	2	3	4	8	6	22	50	50
2070(98)	58	153	182	224	57	152	209	209		7	1	11	10	40	62	62
2070(99)	47	132	195	227	47	132	204	204	2	2	3	5	10	29	58	58
2070(00)	21	120	176	205	22	120	201	201	4	5	7	9	12	22	53	53
2070(01)	29	94	145	191	28	93	175	175		3		4	7	16	55	55

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(4)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	158	226	243	266	150	220	260	267	126	246	143	259	177	274	245	309
2070(91)	156	219	250	278	170	221	273	280	124	251	142	267	182	294	246	331
2070(92)	135	205	223	248	153	205	246	250	132	232	146	244	173	262	230	309
2070(93)	144	210	223	244	155	215	249	253	128	229	139	239	165	260	233	300
2070(94)	136	196	221	248	152	203	244	251	100	227	122	242	156	275	212	320
2070(95)	126	208	227	249	143	208	250	254	120	235	136	243	172	268	240	306
2070(96)	153	225	247	268	158	223	270	273	119	250	136	259	178	289	246	329
2070(97)	152	217	233	247	161	216	249	252	133	236	154	248	188	272	242	315
2070(98)	165	201	227	252	179	206	260	263	155	232	166	248	193	278	254	327
2070(99)	143	205	229	261	160	212	260	267	143	240	156	258	181	284	228	325
2070(00)	130	191	207	232	177	209	241	242	162	222	169	239	197	262	239	315
2070(01)	100	165	194	231	150	185	236	242	141	212	153	231	172	261	221	312

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(4a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	173	265	247	271	159	265	261	260	126	306	143	316	177	325	245	245
2070(91)	174	258	252	282	181	261	273	273	124	330	142	345	182	360	246	246
2070(92)	150	236	228	258	161	236	246	246	132	303	146	319	173	347	230	230
2070(93)	158	233	225	255	164	239	249	249	128	299	139	313	165	329	233	233
2070(94)	149	231	226	262	159	236	244	244	100	317	122	326	156	351	212	212
2070(95)	145	238	232	260	158	241	250	250	120	302	136	314	172	341	240	240
2070(96)	175	261	251	280	179	260	270	270	119	325	136	338	178	354	246	246
2070(97)	165	243	235	257	167	244	249	249	133	308	154	317	188	335	242	242
2070(98)	176	244	233	266	184	247	260	260	155	321	166	330	193	335	254	254
2070(99)	157	250	237	278	167	255	260	260	143	325	156	334	181	356	228	228
2070(00)	147	222	214	241	186	237	241	241	162	304	169	323	197	341	239	239
2070(01)	108	212	202	246	153	225	236	236	141	306	153	321	172	344	221	221

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(5)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	9	42	176	203	9	42	192	206							1	1
2070(91)	5	38	184	208	5	38	203	215								
2070(92)	12	32	173	199	12	32	189	200								
2070(93)	6	38	164	197	7	39	186	200					1	1	1	1
2070(94)	7	49	161	192	7	49	173	194							1	1
2070(95)	7	41	156	192	7	41	180	195								
2070(96)	10	48	188	214	10	48	203	215								
2070(97)	4	31	171	200	4	31	191	204								
2070(98)	15	54	173	188	15	54	182	190							1	1
2070(99)	3	41	172	198	3	41	187	199							1	1
2070(00)	3	17	158	180	3	17	182	184								
2070(01)	3	26	121	151	3	26	150	157								

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(5a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	14	81	179	224	14	81	192	192							1	1
2070(91)	6	61	186	223	6	61	203	203								
2070(92)	14	72	179	206	14	72	190	189								
2070(93)	9	74	171	210	10	75	186	186					1	1	1	1
2070(94)	12	77	167	203	12	77	174	173							1	1
2070(95)	9	61	161	213	9	61	181	180								
2070(96)	15	80	192	225	15	80	203	203								
2070(97)	6	63	176	214	6	63	191	191								
2070(98)	17	99	174	202	17	99	182	182							1	1
2070(99)	5	87	175	210	5	87	187	187							1	1
2070(00)	5	47	163	192	5	47	182	182								
2070(01)	5	47	128	170	5	47	150	150								

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(6)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	59	118	204	236	61	118	230	236	5	5	10	10	34	35	92	92
2070(91)	54	123	209	240	54	123	239	246	9	9	13	13	28	28	93	93
2070(92)	48	118	199	220	46	117	215	222	2	2	7	7	24	24	80	82
2070(93)	56	113	197	220	58	113	216	222	6	6	10	10	32	32	92	93
2070(94)	61	122	192	219	64	121	207	220	6	6	12	12	26	29	82	82
2070(95)	49	103	192	222	54	106	223	228	11	11	15	15	34	34	85	86
2070(96)	67	128	214	239	69	128	234	242	3	3	7	7	32	34	83	83
2070(97)	50	112	200	226	55	116	223	230	17	17	22	22	38	38	107	108
2070(98)	69	142	188	221	71	142	219	227	8	9	19	19	43	43	112	112
2070(99)	57	125	198	222	64	125	217	226	16	16	19	19	40	40	98	98
2070(00)	33	98	180	202	46	107	208	210	20	20	24	24	39	39	117	117
2070(01)	34	87	152	186	40	89	191	199	21	21	29	29	47	47	100	100

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(6a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	79	159	214	248	79	159	230	230	5	76	10	99	34	121	92	92
2070(91)	65	176	216	255	64	178	239	239	9	62	13	83	28	126	93	93
2070(92)	60	153	201	231	58	152	215	215	2	55	7	79	24	117	80	80
2070(93)	66	156	205	225	68	156	216	216	6	68	10	84	32	109	92	92
2070(94)	72	152	194	228	73	151	207	207	6	70	12	79	26	118	82	82
2070(95)	55	149	196	232	60	151	223	223	11	64	15	79	34	110	85	85
2070(96)	76	176	218	251	77	176	234	234	3	76	7	91	32	126	83	83
2070(97)	64	154	203	235	68	157	223	223	17	68	22	87	38	124	107	107
2070(98)	86	170	194	239	87	170	219	219	8	81	19	102	43	141	112	112
2070(99)	77	164	200	242	80	164	217	217	16	74	19	88	40	125	98	98
2070(00)	41	147	185	216	55	153	208	208	20	51	24	70	39	106	117	117
2070(01)	46	111	159	204	50	112	191	191	21	51	29	68	47	103	100	100

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(7)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	10	43	160	199	10	43	185	201							2	2
2070(91)	5	40	176	202	5	40	191	207								
2070(92)	13	33	152	197	13	33	182	197								
2070(93)	8	42	154	191	9	43	174	192					1	1	1	1
2070(94)	8	52	150	187	8	52	165	189							1	1
2070(95)	7	44	145	186	7	44	176	187								
2070(96)	11	50	176	208	11	50	194	208								
2070(97)	4	32	156	193	4	32	185	196								
2070(98)	15	57	170	182	15	57	179	183							1	1
2070(99)	4	47	163	195	4	47	184	196							2	2
2070(00)	3	21	147	176	3	21	180	182								
2070(01)	3	28	110	145	3	28	146	153							1	1

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(7a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	14	83	176	220	14	83	186	185							2	2
2070(91)	7	63	184	220	7	63	192	191								
2070(92)	14	74	173	204	14	74	184	182								
2070(93)	10	77	163	207	11	78	174	174					1	1	1	1
2070(94)	12	78	161	200	12	78	168	165							1	1
2070(95)	10	62	156	205	10	62	176	176								
2070(96)	16	83	188	222	16	83	196	193								
2070(97)	6	67	171	210	6	67	185	185								
2070(98)	17	99	173	200	17	99	179	179							1	1
2070(99)	5	87	172	204	5	87	184	184							2	2
2070(00)	5	47	158	187	5	47	180	180								
2070(01)	6	47	121	164	6	47	146	146							1	1

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(8)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	18	79	179	216	17	78	199	218							19	19
2070(91)	12	59	186	216	12	59	210	221							8	8
2070(92)	18	65	180	203	18	65	197	206							10	10
2070(93)	19	69	172	205	20	70	198	208	1	1	1	1	1	1	6	6
2070(94)	23	73	167	196	23	73	184	198							17	17
2070(95)	13	56	162	197	13	56	194	202							10	10
2070(96)	23	77	193	219	23	77	209	220							14	14
2070(97)	12	58	177	205	12	58	197	210							7	7
2070(98)	21	91	175	195	21	91	191	201							23	23
2070(99)	13	79	175	201	13	79	194	203					1	1	16	16
2070(00)	8	43	164	186	8	43	189	194			1	1	1	1	8	8
2070(01)	8	44	129	159	8	44	165	172							11	11

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(8a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	28	109	185	231	27	109	199	199						1	19	19
2070(91)	21	102	195	232	21	102	210	210							8	8
2070(92)	22	102	189	215	22	102	197	197							10	10
2070(93)	27	99	178	219	28	100	198	198	1	1	1	1	1	1	6	6
2070(94)	33	106	181	215	33	106	187	184							17	17
2070(95)	23	87	172	217	23	87	194	194							10	10
2070(96)	31	115	200	237	31	115	209	209							14	14
2070(97)	19	92	186	219	19	92	197	197							7	7
2070(98)	32	126	179	213	32	126	191	191						1	23	23
2070(99)	20	117	182	220	20	117	196	194					1	1	16	16
2070(00)	10	76	167	197	10	76	189	189			1	1	1	1	8	8
2070(01)	14	80	137	178	14	80	165	165							11	11

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(9)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	19	79	180	218	18	78	202	222					1	1	24	24
2070(91)	14	61	189	218	14	61	212	222					1	1	10	10
2070(92)	20	69	180	204	20	69	198	207							14	14
2070(93)	21	74	173	206	22	75	199	209	1	1	1	1	1	1	9	9
2070(94)	27	76	171	198	27	76	188	200							19	19
2070(95)	14	59	164	201	14	59	196	204							17	17
2070(96)	25	77	195	221	25	77	209	222							20	20
2070(97)	14	61	180	205	14	61	197	210							12	12
2070(98)	21	98	175	197	21	98	193	204					1	1	25	25
2070(99)	13	85	176	202	13	85	196	204					2	2	22	22
2070(00)	8	45	165	186	9	46	189	194			1	1	1	1	13	13
2070(01)	8	46	129	162	8	46	168	175							14	14

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(9a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	30	111	188	231	29	111	203	202					1	2	24	24
2070(91)	24	104	196	233	24	104	212	212					1	1	10	10
2070(92)	22	104	190	217	22	104	198	198							14	14
2070(93)	27	102	180	219	28	103	199	199	1	1	1	1	1	1	9	9
2070(94)	37	108	182	216	37	108	188	188							19	19
2070(95)	27	89	174	220	27	89	196	196							17	17
2070(96)	33	118	200	237	33	118	209	209						1	20	20
2070(97)	21	95	186	221	21	95	197	197							12	12
2070(98)	35	130	179	215	35	130	193	193					1	2	25	25
2070(99)	24	120	183	220	24	120	197	196					2	2	22	22
2070(00)	10	78	168	197	11	78	189	189			1	1	1	1	13	13
2070(01)	17	80	137	179	17	80	168	168							14	14

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(10)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	104	162	226	249	103	159	244	250	48	85	62	105	97	126	152	196
2070(91)	84	176	225	256	99	183	252	259	49	82	67	103	92	137	160	209
2070(92)	88	154	206	231	93	152	231	236	37	64	53	92	84	127	147	196
2070(93)	85	156	210	225	100	156	227	230	56	85	76	100	100	124	143	190
2070(94)	88	152	204	228	91	154	225	231	38	77	52	84	75	122	145	193
2070(95)	70	149	214	232	89	156	236	237	52	77	63	90	90	119	145	185
2070(96)	98	177	226	251	100	177	246	254	45	81	53	96	81	131	156	208
2070(97)	83	155	215	235	114	166	235	240	69	98	84	113	106	136	159	195
2070(98)	110	171	202	239	121	172	239	246	63	94	84	119	114	150	172	189
2070(99)	96	164	211	242	104	165	238	247	63	86	73	98	104	133	160	199
2070(00)	61	148	196	216	109	166	220	226	79	91	97	111	123	144	171	198
2070(01)	54	112	170	204	94	129	210	217	79	88	89	99	105	119	146	164

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(10a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	115	209	233	262	111	207	244	244	48	203	62	228	97	253	152	152
2070(91)	101	207	233	272	111	212	252	252	49	215	67	229	92	266	160	160
2070(92)	102	201	214	245	106	199	231	231	37	199	53	211	84	238	147	147
2070(93)	100	193	216	241	107	193	227	227	56	199	76	213	100	234	143	143
2070(94)	104	192	212	240	106	194	225	225	38	193	52	209	75	238	145	145
2070(95)	85	190	216	243	99	192	236	236	52	197	63	216	90	240	145	145
2070(96)	115	212	233	262	116	212	246	246	45	212	53	228	81	255	156	156
2070(97)	96	199	218	241	120	202	235	235	69	201	84	219	106	239	159	159
2070(98)	121	188	211	251	130	189	239	239	63	193	84	210	114	246	172	172
2070(99)	114	196	218	254	117	197	238	238	63	199	73	215	104	254	160	160
2070(00)	71	179	197	228	114	187	220	220	79	185	97	201	123	231	171	171
2070(01)	79	150	177	225	104	158	210	210	79	160	89	182	105	221	146	146

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(11)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	7	35	170	199	7	35	188	201								
2070(91)	3	29	180	204	3	29	193	209								
2070(92)	9	27	161	198	9	27	186	198								
2070(93)	4	32	162	191	5	33	179	193							1	1
2070(94)	5	38	156	189	5	38	171	191								
2070(95)	6	32	151	189	6	32	179	192								
2070(96)	8	37	183	209	8	37	197	209								
2070(97)	4	25	163	194	4	25	187	197								
2070(98)	12	42	172	185	12	42	179	186								
2070(99)	2	30	167	195	2	30	185	196							1	1
2070(00)	1	13	153	177	1	13	180	183								
2070(01)	3	23	114	147	3	23	145	153								

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(11a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	11	75	178	220	11	75	188	188								
2070(91)	5	56	185	220	5	56	194	192								
2070(92)	14	57	175	204	14	57	187	186								
2070(93)	8	64	165	208	9	65	179	179							1	1
2070(94)	9	71	164	201	9	71	171	170								
2070(95)	7	55	157	205	7	55	179	179								
2070(96)	11	76	189	222	11	76	197	197								
2070(97)	4	55	171	210	4	55	187	187								
2070(98)	15	84	173	200	15	84	179	179								
2070(99)	4	74	173	204	4	74	185	185							1	1
2070(00)	3	39	161	188	3	39	180	180								
2070(01)	3	42	125	165	3	42	146	145								

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(12)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	34	99	189	226	35	99	215	228			1	1	6	6	45	45
2070(91)	29	82	199	225	28	81	216	227	1	1	2	2	4	4	40	40
2070(92)	24	86	191	210	24	86	205	211					2	2	30	30
2070(93)	30	89	182	214	30	89	209	216	1	1	1	1	2	2	50	50
2070(94)	37	88	182	208	37	88	193	209					4	4	39	39
2070(95)	32	73	178	215	33	73	206	217			1	1	2	2	45	45
2070(96)	25	79	188	216	22	76	207	219	1	1	2	2	5	5	40	40
2070(97)	39	111	179	204	38	110	207	213			1	1	9	9	54	54
2070(98)	27	104	186	213	27	104	202	216	1	1	2	2	7	7	53	53
2070(99)	10	62	171	195	11	63	200	202	2	2	3	3	9	9	44	44
2070(00)	21	57	139	172	20	56	175	184					4	4	46	46
2070(01)	13	53	172	202	13	53	192	205							4	4

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(12a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	43	126	198	239	44	126	216	215		6	1	12	6	31	45	45
2070(91)	40	134	203	243	39	133	216	216	1	2	2	4	4	14	40	40
2070(92)	32	128	197	222	32	128	207	205		1		5	2	16	30	30
2070(93)	39	120	191	221	39	120	209	209	1	1	1	1	2	15	50	50
2070(94)	49	126	187	220	49	126	193	193		3		10	4	28	39	39
2070(95)	41	110	185	226	41	110	206	206			1	3	2	17	45	45
2070(96)	34	121	193	228	31	120	207	207	1	1	2	3	5	17	40	40
2070(97)	55	151	182	223	54	150	207	207		6	1	8	9	27	54	54
2070(98)	41	131	195	227	41	131	202	202	1	1	2	2	7	16	53	53
2070(99)	17	109	176	204	18	109	200	200	2	2	3	5	9	16	44	44
2070(00)	27	93	143	190	26	92	175	175		2		3	4	7	46	46
2070(01)	15	92	179	224	15	92	192	192							4	4

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(13)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	13	53	172	202	13	53	192	205							4	4
2070(91)	5	44	184	208	5	44	198	215							1	1
2070(92)	14	44	166	199	14	44	188	200							1	1
2070(93)	9	51	164	194	10	52	183	198					1	1	1	1
2070(94)	10	59	159	191	10	59	172	193							2	2
2070(95)	8	48	153	191	8	48	180	194							1	1
2070(96)	15	65	186	213	15	65	203	214							2	2
2070(97)	5	39	170	198	5	39	191	202								
2070(98)	17	64	172	188	17	64	182	190							7	7
2070(99)	5	53	170	198	5	53	186	199							2	2
2070(00)	4	29	156	178	4	29	182	183							3	3
2070(01)	4	28	117	151	4	28	150	157							2	2

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(13a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	15	92	179	224	15	92	192	192							4	4
2070(91)	8	73	186	223	8	73	200	197							1	1
2070(92)	17	84	176	206	17	84	189	188							1	1
2070(93)	16	83	168	210	17	84	184	183					1	1	1	1
2070(94)	16	84	167	203	16	84	173	172							2	2
2070(95)	12	68	159	213	12	68	180	180							1	1
2070(96)	19	89	190	226	19	89	203	203							2	2
2070(97)	9	71	173	214	9	71	191	191								
2070(98)	20	108	173	202	20	108	182	182							7	7
2070(99)	10	94	174	210	10	94	186	186							2	2
2070(00)	6	53	162	192	6	53	182	182							3	3
2070(01)	6	49	126	170	6	49	150	150							2	2

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(14)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	28	88	185	221	27	87	209	224					2	2	34	34
2070(91)	23	75	195	223	21	73	216	227	1	1	1	1	1	1	24	24
2070(92)	22	81	189	206	22	81	199	209							22	22
2070(93)	27	80	178	209	28	81	203	211	1	1	1	1	1	1	28	28
2070(94)	33	83	181	203	33	83	191	204					1	1	29	29
2070(95)	23	66	172	210	24	66	200	213					1	1	28	28
2070(96)	31	85	200	223	31	85	214	225					1	1	34	34
2070(97)	21	72	186	212	19	70	206	216					1	1	29	29
2070(98)	20	93	182	206	20	93	200	208			1	1	2	2	39	39
2070(99)	10	52	167	190	11	53	196	200	1	1	1	1	4	4	26	26
2070(00)	14	49	137	169	14	49	172	180					1	1	27	27
2070(01)	30	97	188	224	29	96	213	226					4	4	40	40

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(14a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	37	118	191	236	36	118	210	209		1		3	2	18	34	34
2070(91)	32	120	199	239	30	119	216	216	1	1	1	1	1	5	24	24
2070(92)	28	117	193	220	28	117	199	199				1		9	22	22
2070(93)	32	112	184	220	33	113	203	203	1	1	1	1	1	1	28	28
2070(94)	40	121	184	219	40	121	191	191					1	13	29	29
2070(95)	33	103	183	222	34	103	200	200					1	5	28	28
2070(96)	37	128	204	239	37	128	214	214				1	1	17	34	34
2070(97)	30	110	190	226	28	108	206	206					1	3	29	29
2070(98)	30	125	191	222	30	125	201	199			1	1	2	4	39	39
2070(99)	14	98	174	202	15	98	196	196	1	1	1	1	4	5	26	26
2070(00)	23	85	139	186	23	85	172	172				1	1	3	27	27
2070(01)	40	125	196	239	39	125	214	213		2		7	4	27	40	40

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(15)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	30	97	188	224	29	96	213	226					4	4	40	40
2070(91)	26	79	196	223	25	78	216	227	1	1	1	1	1	1	33	33
2070(92)	23	85	190	206	23	85	203	209					2	2	27	27
2070(93)	37	85	182	204	37	85	193	205					2	2	34	34
2070(94)	28	70	175	214	29	70	205	216					2	2	41	41
2070(95)	34	96	201	226	34	96	218	230					3	3	38	38
2070(96)	24	75	186	215	22	73	207	218	1	1	1	1	3	3	34	34
2070(97)	37	109	179	202	36	108	206	212					8	8	50	50
2070(98)	25	96	184	211	25	96	201	213			2	2	4	4	48	48
2070(99)	10	60	170	194	11	61	200	202	1	1	2	2	7	7	35	35
2070(00)	133	204	238	262	130	200	255	264	100	189	114	211	146	247	215	278
2070(01)	125	201	241	271	147	208	264	273	100	206	117	220	146	251	215	302

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(15a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	40	125	196	239	39	125	214	213		2		7	4	27	40	40
2070(91)	35	129	202	239	34	128	216	216	1	1	1	2	1	8	33	33
2070(92)	31	124	196	221	31	124	205	203				3	2	14	27	27
2070(93)	43	124	187	220	43	124	193	193				5	2	21	34	34
2070(94)	38	109	185	226	39	109	205	205					2	14	41	41
2070(95)	43	131	207	244	43	131	218	218		1		3	3	22	38	38
2070(96)	33	117	192	228	31	116	207	207	1	1	1	2	3	11	34	34
2070(97)	47	146	182	223	46	145	206	206		2		7	8	23	50	50
2070(98)	36	127	192	227	36	127	201	201			2	2	4	9	48	48
2070(99)	17	104	175	204	18	104	200	200	1	1	2	3	7	10	35	35
2070(00)	144	250	242	268	137	252	255	255	100	274	114	283	146	308	215	215
2070(01)	150	241	249	279	164	244	264	264	100	300	117	311	146	330	215	215

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(16)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	133	204	238	262	130	200	255	264	100	189	114	211	146	247	215	278
2070(91)	125	201	241	271	147	208	264	273	100	206	117	220	146	251	215	302
2070(92)	119	198	220	242	138	198	242	245	101	194	119	205	144	231	209	278
2070(93)	119	192	220	238	130	195	244	246	110	187	125	212	140	229	211	262
2070(94)	124	186	219	237	129	190	233	239	84	186	92	198	128	228	182	286
2070(95)	105	187	223	241	126	190	243	246	96	180	110	200	135	235	211	275
2070(96)	134	208	239	259	140	205	265	267	87	204	107	218	137	250	223	303
2070(97)	125	199	227	239	142	200	244	245	113	192	126	209	156	236	216	276
2070(98)	145	188	222	251	158	193	250	256	124	189	138	198	165	231	216	290
2070(99)	126	193	222	253	140	199	254	257	116	188	124	206	155	240	205	297
2070(00)	103	179	203	225	161	195	237	238	140	189	154	199	170	224	221	270
2070(01)	89	147	186	222	125	163	228	238	121	163	128	175	151	212	190	273

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(16a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	144	250	242	268	137	252	255	255	100	274	114	283	146	308	215	215
2070(91)	150	241	249	279	164	244	264	264	100	300	117	311	146	330	215	215
2070(92)	133	228	223	252	148	228	242	242	101	275	119	287	144	305	209	209
2070(93)	135	222	223	252	142	224	244	244	110	261	125	278	140	299	211	211
2070(94)	134	220	221	258	138	222	233	233	84	283	92	299	128	319	182	182
2070(95)	117	222	227	253	133	225	243	243	96	274	110	282	135	303	211	211
2070(96)	149	246	247	275	151	243	265	265	87	300	107	310	137	326	223	223
2070(97)	140	232	232	252	151	233	244	244	113	269	126	281	156	310	216	216
2070(98)	159	224	226	259	168	230	250	250	124	289	138	302	165	323	216	216
2070(99)	136	230	228	269	148	234	254	254	116	295	124	307	155	325	205	205
2070(00)	128	207	207	239	169	218	237	237	140	262	154	271	170	307	221	221
2070(01)	97	191	193	243	129	200	228	228	121	270	128	282	151	309	190	190

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(17)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	8	39	174	202	8	39	192	205							1	1
2070(91)	4	33	184	208	4	33	197	214								
2070(92)	11	31	171	198	11	31	187	198								
2070(93)	5	36	164	194	6	37	182	197					1	1	1	1
2070(94)	7	43	160	191	7	43	172	193								
2070(95)	7	38	155	191	7	38	180	194								
2070(96)	9	43	186	212	9	43	203	213								
2070(97)	4	31	170	196	4	31	190	199								
2070(98)	14	46	172	187	14	46	182	189							1	1
2070(99)	2	36	170	197	2	36	186	198							1	1
2070(00)	3	17	156	178	3	17	181	183								
2070(01)	3	25	120	148	3	25	148	155								

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(17a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	13	78	179	221	13	78	192	192							1	1
2070(91)	5	60	186	222	5	60	199	196								
2070(92)	14	68	177	206	14	68	188	187								
2070(93)	9	70	170	209	10	71	183	182					1	1	1	1
2070(94)	10	74	167	203	10	74	173	172								
2070(95)	8	58	159	209	8	58	180	180								
2070(96)	15	77	190	223	15	77	203	203								
2070(97)	5	58	174	212	5	58	190	190								
2070(98)	17	95	173	201	17	95	182	182							1	1
2070(99)	5	82	174	206	5	82	186	186							1	1
2070(00)	4	44	163	190	4	44	181	181								
2070(01)	4	45	126	168	4	45	148	148								

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(18)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	44	111	200	231	45	111	225	234	2	2	5	5	22	22	83	83
2070(91)	48	108	205	235	47	108	228	240	5	5	8	8	18	18	78	78
2070(92)	38	107	198	217	37	106	210	218			2	2	13	13	64	64
2070(93)	44	103	191	219	44	103	215	221	2	2	3	3	14	14	84	84
2070(94)	54	110	188	217	55	109	198	218	1	1	5	5	20	20	65	65
2070(95)	44	89	188	220	46	89	216	224	4	4	7	7	22	22	76	76
2070(96)	53	118	208	238	55	118	232	242	1	1	3	3	16	16	69	69
2070(97)	41	100	194	222	42	102	215	225	10	10	14	14	26	26	92	92
2070(98)	58	133	184	215	59	133	217	221	5	5	9	9	29	29	95	95
2070(99)	48	121	195	221	52	121	211	223	6	6	12	12	27	27	86	86
2070(00)	23	79	177	197	30	85	204	206	11	11	15	15	30	30	88	88
2070(01)	29	81	147	180	33	81	183	193	6	6	14	14	30	30	85	85

APPENDIX - 18
(Predicted days of heat storage 2070 conditions)

Table - 18(18a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	68	144	207	244	68	144	225	225	2	51	5	64	22	96	83	83
2070(91)	57	166	212	249	55	167	228	228	5	28	8	48	18	82	78	78
2070(92)	53	146	199	226	51	145	210	210		27	2	36	13	78	64	64
2070(93)	59	145	202	223	59	145	215	215	2	30	3	47	14	82	84	84
2070(94)	66	144	193	223	66	143	199	198	1	36	5	52	20	79	65	65
2070(95)	50	132	196	228	51	132	216	216	4	37	7	49	22	74	76	76
2070(96)	69	165	217	250	70	165	232	232	1	34	3	58	16	90	69	69
2070(97)	54	140	201	232	55	141	215	215	10	28	14	49	26	86	92	92
2070(98)	75	167	189	231	75	167	217	217	5	41	9	60	29	101	95	95
2070(99)	63	149	198	236	66	149	211	211	6	32	12	52	27	87	86	86
2070(00)	36	138	181	212	43	142	204	204	11	23	15	32	30	69	88	88
2070(01)	33	101	154	198	36	101	183	183	6	18	14	38	30	65	85	85

APPENDIX - 19

(Predicted days of heat storage 2070 conditions)

Table - 19(1)

Dress	Fully Clothed				Activity		Sitting-inactive									
City	Liverpool															
Gender	Male				Met. Rate		393 K. joules / hr.									
Number of Days on which heat would be stored 2070 conditions.																
Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	2	4	33	53	2	4	73	74							2	2
2070(91)	1	3	49	73	1	3	84	88					1	1	4	4
2070(92)			16	28	1	1	51	52	1	1	1	1	1	1	4	4
2070(93)		1	36	57		1	69	69					1	1	5	5
2070(94)	2	5	32	53	2	5	69	72							1	1
2070(95)		2	21	31		2	37	39								
2070(96)		2	24	37		2	44	45								
2070(97)		5	43	69		5	92	92							1	1
2070(98)	1	6	53	76	2	7	91	92	1	1	1	1	1	1	1	1
2070(99)			35	49			64	64								
2070(00)	1	6	36	54	1	6	67	68							1	1
2070(01)	1	4	27	38	1	4	45	47							2	2

APPENDIX - 19

(Predicted days of heat storage 2070 conditions)

Table - 19(1a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	2	6	35	63	2	6	73	73							2	2
2070(91)	1	9	50	81	1	9	84	84					1	1	4	4
2070(92)		2	17	38	1	3	51	51	1	1	1	1	1	1	4	4
2070(93)		9	40	64		9	69	69					1	1	5	5
2070(94)	3	6	37	76	3	6	69	69							1	1
2070(95)		3	23	36		3	37	37								
2070(96)		4	26	43		4	44	44								
2070(97)		12	47	85		12	92	92							1	1
2070(98)	3	10	58	85	4	11	91	91	1	1	1	1	1	1	1	1
2070(99)		1	36	61		1	64	64								
2070(00)	2	14	39	60	2	14	67	67							1	1
2070(01)	2	7	31	43	2	7	45	45							2	2

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(2)

Dress	Fully Clothed				Activity		Standing at rest									
City	Liverpool															
Gender	Male				Met. Rate		666 K. joules / hr.									
Number of Days on which heat would be stored 2070 conditions.																
Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	4	7	43	63	5	7	99	100					5	5	14	14
2070(91)	2	9	60	83	6	12	99	99	3	3	4	4	7	7	18	18
2070(92)	1	3	23	39	5	6	69	69	4	4	5	5	7	7	11	11
2070(93)	1	9	46	64	7	13	86	86	6	6	7	7	10	10	20	20
2070(94)	5	6	47	78	5	6	82	89			1	1	1	1	15	15
2070(95)	2	4	27	38	1	3	52	53							2	2
2070(96)	1	4	31	43	1	4	63	64					1	1	5	5
2070(97)	2	13	59	86	4	13	105	105			1	1	3	3	9	9
2070(98)	4	12	65	85	4	12	105	106	1	1	1	1	3	3	17	17
2070(99)		1	42	65		1	91	93							9	9
2070(00)	4	14	46	62	5	14	88	89			1	1	1	1	13	13
2070(01)	9	12	36	46	6	8	62	62	3	3	3	3	7	7	14	14

APPENDIX - 19

(Predicted days of heat storage 2070 conditions)

Table - 19(2a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	4	15	46	77	5	15	99	99					5	6	14	14
2070(91)	3	22	64	94	7	23	99	99	3	3	4	4	7	7	18	18
2070(92)	1	5	25	48	5	7	69	69	4	4	5	5	7	7	11	11
2070(93)	1	13	50	73	7	15	86	86	6	6	7	7	10	10	20	20
2070(94)	5	19	48	87	5	19	82	82		1	1	1	1	2	15	15
2070(95)	2	7	27	48	1	6	52	52							2	2
2070(96)	1	10	35	55	1	10	63	63					1	1	5	5
2070(97)	3	23	65	96	5	22	105	105			1	2	3	4	9	9
2070(98)	5	30	69	106	5	30	105	105	1	1	1	1	3	4	17	17
2070(99)		14	47	79		14	91	91							9	9
2070(00)	4	25	51	73	5	25	88	88			1	1	1	4	13	13
2070(01)	9	15	39	48	6	11	62	62	3	3	3	3	7	7	14	14

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(3)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	3	9	62	85	7	12	99	100	3	3	5	5	7	7	21	21
2070(91)	1	3	25	43	5	6	69	69	4	4	6	6	8	8	13	13
2070(92)	1	9	48	65	8	13	86	86	7	7	8	8	10	10	22	22
2070(93)	5	6	47	78	5	6	85	90	1	1	1	1	4	4	17	17
2070(94)	2	5	27	38	1	4	52	53							3	3
2070(95)	1	5	32	43	1	5	67	67					1	1	6	6
2070(96)	3	13	61	86	5	13	107	107	1	1	2	2	3	3	12	12
2070(97)	4	17	66	85	4	17	105	106	1	1	1	1	3	3	19	19
2070(98)		2	44	67		2	95	96							15	15
2070(99)	4	16	48	65	5	16	91	93	1	1	1	1	3	3	13	13
2070(00)	9	12	38	46	6	8	63	63	3	3	5	5	7	7	14	14
2070(01)	26	66	82	127	147	156	166	167	161	170	177	188	197	215	232	257

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(Predicted days of heat storage 2070 conditions)

Table - 19(3a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	3	24	67	98	7	25	99	99	3	3	5	5	7	8	21	21
2070(91)	1	5	27	55	5	7	69	69	4	4	6	6	8	8	13	13
2070(92)	1	18	51	77	8	20	86	86	7	7	8	8	10	11	22	22
2070(93)	5	21	49	88	5	21	85	85	1	1	1	1	4	5	17	17
2070(94)	2	7	29	51	1	6	52	52							3	3
2070(95)	1	11	35	56	1	11	67	67					1	1	6	6
2070(96)	3	23	66	99	5	22	107	107	1	1	2	4	3	4	12	12
2070(97)	5	33	70	107	5	33	105	105	1	1	1	1	3	6	19	19
2070(98)		17	47	80		17	95	95							15	15
2070(99)	5	25	52	77	6	25	91	91	1	1	1	1	3	6	13	13
2070(00)	9	16	39	49	6	12	63	63	3	3	5	5	7	7	14	14
2070(01)	31	108	90	150	148	174	166	166	161	233	177	255	197	314	232	232

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(4)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	26	66	82	127	147	156	166	167	161	170	177	188	197	215	232	257
2070(91)	26	80	100	131	113	129	159	161	125	144	137	162	152	194	207	270
2070(92)	8	37	61	96	135	142	130	131	147	155	159	169	180	197	216	260
2070(93)	25	68	83	103	116	123	148	148	144	153	150	165	166	185	216	271
2070(94)	48	86	95	108	101	114	136	139	118	134	123	139	131	159	172	230
2070(95)	50	69	53	72	59	67	104	106	76	91	87	104	102	131	141	184
2070(96)	28	56	58	74	73	85	104	104	94	110	102	118	116	135	154	202
2070(97)	73	121	102	134	115	127	176	177	135	153	148	168	171	200	231	271
2070(98)	51	93	110	133	120	124	158	160	141	156	152	170	177	207	211	269
2070(99)	68	100	90	122	115	130	149	154	133	147	142	158	169	196	218	275
2070(00)	31	61	80	100	120	125	144	144	135	144	151	157	162	175	201	255
2070(01)	82	99	50	74	76	88	94	95	85	89	91	96	103	114	128	174

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(4a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	31	108	90	150	148	174	166	166	161	233	177	255	197	314	232	232
2070(91)	34	120	106	153	114	153	159	159	125	252	137	279	152	333	207	207
2070(92)	10	83	67	106	135	155	130	130	147	236	159	261	180	306	216	216
2070(93)	29	96	89	125	116	138	148	148	144	250	150	282	166	332	216	216
2070(94)	51	137	98	125	101	152	136	136	118	218	123	241	131	290	172	172
2070(95)	54	96	59	86	60	107	104	104	76	172	87	196	102	232	141	141
2070(96)	31	78	62	87	73	105	104	104	94	189	102	214	116	246	154	154
2070(97)	76	160	112	148	115	171	176	176	135	250	148	275	171	317	231	231
2070(98)	58	149	111	150	120	161	158	158	141	249	152	273	177	329	211	211
2070(99)	72	145	94	149	116	176	149	149	133	261	142	286	169	331	218	218
2070(00)	32	95	88	118	120	139	144	144	135	241	151	269	162	320	201	201
2070(01)	83	118	56	83	76	132	94	94	85	155	91	186	103	225	128	128

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(Predicted days of heat storage 2070 conditions)

Table - 19(5)

Dress	Fully Clothed				Activity		Sleeping									
City	Liverpool															
Gender	Male				Met. Rate		275 K. joules / hr.									
Number of Days on which heat would be stored 2070 conditions.																
Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	1	3	28	48	1	3	67	68								
2070(91)		3	45	67		3	81	85								
2070(92)			15	27	1	1	41	43	1	1	1	1	1	1	1	1
2070(93)		1	34	52		1	66	66							1	1
2070(94)	1	5	28	50	1	5	62	65							1	1
2070(95)		1	18	26		1	34	34								
2070(96)		1	22	35		1	39	40								
2070(97)		2	40	66		2	83	86								
2070(98)		4	51	72		4	81	83			1	1	1	1	1	1
2070(99)			34	45			56	57								
2070(00)	1	4	35	51	1	4	62	63							1	1
2070(01)	1	4	27	37	1	4	43	45							1	1

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(Predicted days of heat storage 2070 conditions)

Table - 19(5a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	2	5	34	58	2	5	67	67								
2070(91)	1	5	48	80	1	5	81	81								
2070(92)		1	17	35	1	2	41	41	1	1	1	1	1	1	1	1
2070(93)		2	36	59		2	66	66							1	1
2070(94)	1	6	31	67	1	6	62	62							1	1
2070(95)		3	20	33		3	34	34								
2070(96)		3	24	42		3	39	39								
2070(97)		10	44	78		10	83	83								
2070(98)	1	8	54	82	1	8	81	81			1	1	1	1	1	1
2070(99)		1	35	57		1	56	56								
2070(00)	1	12	38	56	1	12	62	62							1	1
2070(01)	1	5	28	43	1	5	43	43							1	1

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(6)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	11	19	50	74	11	16	117	117	10	10	13	13	20	20	51	51
2070(91)	3	18	70	91	12	21	113	115	11	11	14	14	22	22	49	49
2070(92)	1	5	32	49	10	11	82	82	10	10	13	13	17	17	30	30
2070(93)	2	13	56	71	15	20	96	96	15	15	19	19	24	24	47	47
2070(94)	6	15	56	86	13	19	97	100	9	9	12	12	18	18	41	41
2070(95)	6	10	34	47	2	6	64	65	1	1	2	2	5	5	16	16
2070(96)	3	8	37	50	3	7	76	76	2	2	2	2	8	8	18	18
2070(97)	6	19	69	92	7	19	117	117	5	5	10	10	14	14	41	41
2070(98)	8	28	74	99	11	28	114	115	7	7	13	13	17	17	48	48
2070(99)	2	12	54	77	3	13	104	106	2	2	3	3	13	13	33	33
2070(00)	6	19	56	71	10	21	99	100	5	5	9	9	14	14	36	36
2070(01)	11	17	41	49	12	13	75	76	10	10	15	15	19	19	33	33

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(6a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	11	28	56	92	11	24	117	117	10	13	13	17	20	26	51	51
2070(91)	4	35	75	109	12	37	113	113	11	14	14	19	22	29	49	49
2070(92)	1	10	36	68	10	14	82	82	10	10	13	13	17	18	30	30
2070(93)	2	26	58	87	15	32	96	96	15	17	19	20	24	30	47	47
2070(94)	7	26	63	94	14	26	97	97	9	13	12	17	18	27	41	41
2070(95)	7	16	38	59	3	13	64	64	1	1	2	4	5	9	16	16
2070(96)	4	15	40	63	4	14	76	76	2	2	2	3	8	10	18	18
2070(97)	10	32	72	113	10	31	117	117	5	10	10	14	14	27	41	41
2070(98)	8	47	78	112	11	46	114	114	7	12	13	21	17	32	48	48
2070(99)	2	25	59	91	3	25	104	104	2	3	3	4	13	18	33	33
2070(00)	7	28	56	89	11	29	99	99	5	11	9	16	14	25	36	36
2070(01)	12	20	45	56	12	17	75	75	10	12	15	16	19	21	33	33

APPENDIX - 19

(Predicted days of heat storage 2070 conditions)

Table - 19(7)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	2	3	28	46	2	3	67	68								
2070(91)		3	43	67		3	81	85							1	1
2070(92)			15	25	1	1	41	42	1	1	1	1	1	1	1	1
2070(93)		1	30	51		1	65	65							2	2
2070(94)	1	5	27	48	1	5	61	63							1	1
2070(95)		1	17	26		1	32	34								
2070(96)		1	20	35		1	38	40								
2070(97)		2	36	65		2	82	85								
2070(98)		4	51	70		4	81	83	1	1	1	1	1	1	1	1
2070(99)			32	44			55	56								
2070(00)	1	5	34	51	1	5	62	63							1	1
2070(01)	1	4	25	36	1	4	41	42							2	2

APPENDIX - 19

(Predicted days of heat storage 2070 conditions)

Table - 19(7a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	2	5	32	58	2	5	67	67								
2070(91)	1	7	48	80	1	7	81	81							1	1
2070(92)		1	16	35	1	2	41	41	1	1	1	1	1	1	1	1
2070(93)		3	35	59		3	65	65							2	2
2070(94)	2	6	30	66	2	6	61	61							1	1
2070(95)		3	20	33		3	32	32								
2070(96)		3	23	41		3	38	38								
2070(97)		10	43	78		10	82	82								
2070(98)	1	9	53	81	1	9	81	81	1	1	1	1	1	1	1	1
2070(99)		1	35	57		1	55	55								
2070(00)	1	12	36	56	1	12	62	62							1	1
2070(01)	1	5	27	43	1	5	41	41							2	2

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(8)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	2	4	38	59	2	4	85	85							5	5
2070(91)	1	5	52	76	2	6	90	91	1	1	1	1	2	2	7	7
2070(92)			18	33	1	1	58	58	1	1	1	1	3	3	6	6
2070(93)		2	40	57	2	3	77	77			1	1	4	4	9	9
2070(94)	3	6	37	62	3	6	79	83					1	1	2	2
2070(95)		3	24	34		3	45	45								
2070(96)		3	27	41		3	54	55							2	2
2070(97)		10	47	74		10	98	98							5	5
2070(98)	4	8	58	78	4	8	96	96	1	1	1	1	1	1	5	5
2070(99)			36	55			78	80								
2070(00)	2	8	40	55	2	8	73	74							4	4
2070(01)	3	6	33	45	2	5	49	50					2	2	6	6

APPENDIX - 19

(Predicted days of heat storage 2070 conditions)

Table - 19(8a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	3	7	40	70	3	7	85	85							5	5
2070(91)	2	13	58	89	3	14	90	90	1	1	1	1	2	2	7	7
2070(92)		2	21	46	1	3	58	58	1	1	1	1	3	3	6	6
2070(93)	1	10	46	68	3	11	77	77			1	1	4	4	9	9
2070(94)	4	13	43	80	4	13	79	79					1	1	2	2
2070(95)	1	5	24	41	1	5	45	45								
2070(96)		7	30	50		7	54	54							2	2
2070(97)		15	53	90		15	98	98							5	5
2070(98)	4	21	63	91	4	21	96	96	1	1	1	1	1	1	5	5
2070(99)		5	39	68		5	78	78								
2070(00)	4	19	42	67	4	19	73	73							4	4
2070(01)	4	9	35	46	3	8	49	49					2	2	6	6

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(9)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	2	4	39	59	2	4	87	87							6	6
2070(91)	2	5	52	77	3	6	91	92	1	1	2	2	2	2	9	9
2070(92)			19	34	2	2	59	59	1	1	2	2	4	4	7	7
2070(93)	1	2	41	59	3	3	79	79			2	2	4	4	11	11
2070(94)	4	6	38	62	4	6	81	84					1	1	3	3
2070(95)		3	24	34		3	45	45								
2070(96)		3	27	41		3	56	57							2	2
2070(97)		10	49	75		10	99	99							6	6
2070(98)	4	9	59	80	4	9	97	97	1	1	1	1	1	1	7	7
2070(99)		1	38	57		1	80	82								
2070(00)	3	10	41	57	4	10	74	75					1	1	4	4
2070(01)	3	6	35	46	2	5	54	54			1	1	2	2	7	7

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(9a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	3	7	42	70	3	7	87	87							6	6
2070(91)	2	16	58	89	3	17	91	91	1	1	2	2	2	2	9	9
2070(92)		2	22	46	2	4	59	59	1	1	2	2	4	4	7	7
2070(93)	1	11	46	68	3	12	79	79			2	2	4	4	11	11
2070(94)	4	14	44	81	4	14	81	81					1	1	3	3
2070(95)	1	5	24	42	1	5	45	45								
2070(96)		7	31	50		7	56	56							2	2
2070(97)		15	57	91		15	99	99							6	6
2070(98)	4	23	63	94	4	23	97	97	1	1	1	1	1	1	7	7
2070(99)		6	40	69		6	80	80								
2070(00)	4	19	45	69	5	19	74	74					1	1	4	4
2070(01)	4	9	36	47	3	8	54	54			1	1	2	2	7	7

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(10)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	15	30	65	93	48	53	140	140	61	61	70	70	87	87	133	134
2070(91)	10	35	81	109	46	62	133	136	47	47	52	52	70	73	107	111
2070(92)	5	11	43	69	31	33	107	107	36	36	47	47	65	65	113	114
2070(93)	13	28	65	88	45	52	125	125	50	50	56	56	69	71	101	103
2070(94)	9	28	80	96	35	40	112	115	43	44	47	48	59	61	90	91
2070(95)	19	27	40	59	12	19	78	78	13	13	18	20	29	30	57	59
2070(96)	11	21	43	63	18	22	84	84	18	18	22	23	31	32	70	75
2070(97)	27	45	88	115	37	47	141	143	35	37	41	43	69	69	110	116
2070(98)	17	51	86	112	42	56	137	137	44	45	51	53	66	69	109	110
2070(99)	14	36	69	94	30	38	125	126	40	40	50	50	68	68	106	109
2070(00)	15	29	64	89	33	39	117	118	35	35	41	43	64	67	108	108
2070(01)	29	36	48	57	34	35	84	85	35	36	40	41	49	49	72	73

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(10a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	16	55	71	122	48	67	140	140	61	77	70	88	87	117	133	133
2070(91)	10	68	89	126	46	79	133	133	47	80	52	94	70	125	107	107
2070(92)	6	32	48	89	31	48	107	107	36	47	47	66	65	93	113	113
2070(93)	13	53	69	99	45	67	125	125	50	75	56	84	69	106	101	101
2070(94)	12	56	84	108	36	62	112	112	43	64	47	76	59	105	90	90
2070(95)	20	40	42	69	13	34	78	78	13	38	18	44	29	68	57	57
2070(96)	12	42	49	71	18	41	84	84	18	41	22	51	31	76	70	70
2070(97)	30	79	91	128	38	76	141	141	35	78	41	92	69	127	110	110
2070(98)	26	74	89	127	43	72	137	137	44	81	51	91	66	121	109	109
2070(99)	17	62	75	112	30	57	125	125	40	62	50	79	68	114	106	106
2070(00)	17	53	69	96	34	59	117	117	35	65	41	76	64	106	108	108
2070(01)	31	51	48	71	34	51	84	84	35	45	40	56	49	76	72	72

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(11)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	1	3	28	45	1	3	66	68								
2070(91)		3	41	64		3	78	79								
2070(92)			14	24			38	39			1	1	1	1	1	1
2070(93)		1	30	50		1	62	63							1	1
2070(94)		5	27	47		5	57	58							1	1
2070(95)		1	15	24		1	29	30								
2070(96)		1	18	35		1	35	37								
2070(97)		2	34	62		2	77	81								
2070(98)		3	50	68		3	79	82							1	1
2070(99)			29	44			54	55								
2070(00)		4	31	49		4	61	61								
2070(01)	1	4	25	36	1	4	37	39							1	1

APPENDIX - 19

(Predicted days of heat storage 2070 conditions)

Table - 19(11a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	2	4	31	58	2	4	66	66								
2070(91)		4	48	76		4	78	78								
2070(92)			14	33			38	38			1	1	1	1	1	1
2070(93)		2	35	57		2	62	62							1	1
2070(94)	1	5	29	61	1	5	57	57							1	1
2070(95)		3	20	32		3	29	29								
2070(96)		3	22	41		3	35	35								
2070(97)		9	42	73		9	77	77								
2070(98)		6	52	78		6	79	79							1	1
2070(99)			34	56			54	54								
2070(00)	1	7	36	55	1	7	61	61								
2070(01)	1	5	27	43	1	5	37	37							1	1

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(12)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	4	7	39	59	5	7	95	95					5	5	14	14
2070(91)	2	9	52	80	6	12	94	95	3	3	4	4	7	7	18	18
2070(92)	1	3	19	35	5	6	65	65	4	4	5	5	7	7	11	11
2070(93)	1	9	42	59	7	13	81	81	6	6	7	7	10	10	20	20
2070(94)	5	6	39	67	5	6	82	85			1	1	1	1	15	15
2070(95)	2	4	25	36	1	3	49	49							2	2
2070(96)	1	4	28	41	1	4	60	61					1	1	5	5
2070(97)	2	13	49	79	4	13	102	102			1	1	3	3	9	9
2070(98)	4	12	58	81	4	12	102	102	1	1	1	1	3	3	17	17
2070(99)		1	40	60		1	82	84							9	9
2070(00)	4	14	41	57	5	14	78	79			1	1	1	1	13	13
2070(01)	9	12	35	46	6	8	57	57	3	3	3	3	7	7	14	14

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(12a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	4	15	42	74	5	15	95	95					5	6	14	14
2070(91)	3	22	58	91	7	23	94	94	3	3	4	4	7	7	18	18
2070(92)	1	5	22	47	5	7	65	65	4	4	5	5	7	7	11	11
2070(93)	1	13	46	71	7	15	81	81	6	6	7	7	10	10	20	20
2070(94)	5	19	44	84	5	19	82	82		1	1	1	1	2	15	15
2070(95)	2	7	26	44	1	6	49	49							2	2
2070(96)	1	10	31	50	1	10	60	60					1	1	5	5
2070(97)	3	23	57	92	5	22	102	102			1	2	3	4	9	9
2070(98)	5	30	65	98	5	30	102	102	1	1	1	1	3	4	17	17
2070(99)		14	42	76		14	82	82							9	9
2070(00)	4	25	45	70	5	25	78	78			1	1	1	4	13	13
2070(01)	9	15	36	48	6	11	57	57	3	3	3	3	7	7	14	14

APPENDIX - 19

(Predicted days of heat storage 2070 conditions)

Table - 19(13)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	2	4	32	50	2	4	72	72								
2070(91)		3	48	69		3	84	87							2	2
2070(92)			15	28	1	1	48	49	1	1	1	1	1	1	3	3
2070(93)		1	36	55		1	67	67					1	1	3	3
2070(94)	1	5	30	52	1	5	64	67							1	1
2070(95)		1	20	29		1	37	38								
2070(96)		1	23	37		1	43	44								
2070(97)		4	42	68		4	86	87							1	1
2070(98)	1	6	51	74	2	7	88	90	1	1	1	1	1	1	1	1
2070(99)			34	48			61	61								
2070(00)	1	5	35	54	1	5	65	66							1	1
2070(01)	1	4	27	37	1	4	45	47							2	2

APPENDIX - 19

(Predicted days of heat storage 2070 conditions)

Table - 19(13a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	2	5	35	62	2	5	72	72								
2070(91)	1	9	50	81	1	9	84	84							2	2
2070(92)		1	17	37	1	2	48	48	1	1	1	1	1	1	3	3
2070(93)		8	37	63		8	67	67					1	1	3	3
2070(94)	3	6	34	71	3	6	64	64							1	1
2070(95)		3	22	34		3	37	37								
2070(96)		4	25	43		4	43	43								
2070(97)		12	45	82		12	86	86							1	1
2070(98)	2	9	56	83	3	10	88	88	1	1	1	1	1	1	1	1
2070(99)		1	35	61		1	61	61								
2070(00)	1	14	39	60	1	14	65	65							1	1
2070(01)	2	6	28	43	2	6	45	45							2	2

APPENDIX - 19

(Predicted days of heat storage 2070 conditions)

Table - 19(14)

Dress	Semi Clothed				Activity		Standing at rest									
City	Liverpool															
Gender	Male				Met. Rate		666 K. joules / hr.									
Number of Days on which heat would be stored 2070 conditions.																
Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	3	5	40	60	3	5	95	95					1	1	11	11
2070(91)	2	9	58	81	3	10	97	97	2	2	3	3	6	6	14	14
2070(92)		1	21	36	4	4	66	66	4	4	4	4	6	6	9	9
2070(93)	1	7	46	62	4	9	83	83	3	3	5	5	7	7	15	15
2070(94)	4	6	43	70	4	6	82	86					1	1	10	10
2070(95)	1	3	24	35	1	3	50	50							1	1
2070(96)		3	30	43		3	61	62							3	3
2070(97)		12	54	83		12	102	102					2	2	6	6
2070(98)	4	10	63	83	4	10	102	102	1	1	1	1	2	2	9	9
2070(99)		1	42	64		1	84	86							4	4
2070(00)	4	13	43	60	5	13	81	82					1	1	9	9
2070(01)	6	9	36	46	3	6	56	56	2	2	2	2	4	4	12	12

APPENDIX - 19

(Predicted days of heat storage 2070 conditions)

Table - 19(14a)

Dress	Semi Clothed				Activity		Standing at rest									
City	Liverpool															
Gender	Female				Met. Rate		666 K. joules / hr.									
Number of Days on which heat would be stored 2070 conditions.																
Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	3	12	44	74	3	12	95	95					1	2	11	11
2070(91)	3	18	62	91	4	19	97	97	2	2	3	3	6	6	14	14
2070(92)		4	23	48	4	6	66	66	4	4	4	4	6	6	9	9
2070(93)	1	13	48	71	4	14	83	83	3	3	5	5	7	7	15	15
2070(94)	5	14	47	84	5	14	82	82				1	1	1	10	10
2070(95)	1	6	26	44	1	6	50	50							1	1
2070(96)	1	7	33	50	1	7	61	61							3	3
2070(97)	2	18	63	92	2	18	102	102					2	4	6	6
2070(98)	4	27	66	100	4	27	102	102	1	1	1	1	2	2	9	9
2070(99)		10	45	77		10	84	84							4	4
2070(00)	4	19	49	71	5	19	81	81					1	1	9	9
2070(01)	7	13	39	48	4	10	56	56	2	2	2	2	4	4	12	12

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(15)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	3	6	42	63	4	7	96	97					3	3	12	12
2070(91)	2	9	58	81	6	12	97	97	2	2	3	3	6	6	15	15
2070(92)	1	2	22	38	5	5	67	67	4	4	4	4	7	7	10	10
2070(93)	1	9	46	63	7	13	86	86	4	4	6	6	9	9	18	18
2070(94)	4	6	44	75	4	6	82	87			1	1	1	1	14	14
2070(95)	2	4	24	36	1	3	51	51							1	1
2070(96)	1	4	31	43	1	4	63	64					1	1	4	4
2070(97)		12	57	85	1	12	103	103			1	1	3	3	8	8
2070(98)	4	11	63	84	4	11	103	104	1	1	1	1	2	2	15	15
2070(99)		1	42	64		1	85	87							7	7
2070(00)	4	14	45	61	5	14	86	86			1	1	1	1	13	13
2070(01)	6	9	36	46	4	6	59	59	2	2	3	3	4	4	14	14

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(15a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	3	13	46	77	4	14	96	96					3	4	12	12
2070(91)	3	19	63	91	7	21	97	97	2	2	3	3	6	7	15	15
2070(92)	1	5	23	48	5	7	67	67	4	4	4	4	7	7	10	10
2070(93)	1	13	49	72	7	15	86	86	4	4	6	6	9	9	18	18
2070(94)	5	18	47	86	5	18	82	82		1	1	1	1	1	14	14
2070(95)	2	7	26	46	1	6	51	51							1	1
2070(96)	1	9	34	54	1	9	63	63					1	1	4	4
2070(97)	2	21	64	93	3	21	103	103			1	1	3	4	8	8
2070(98)	4	29	68	102	4	29	103	103	1	1	1	1	2	2	15	15
2070(99)		10	46	79		10	85	85							7	7
2070(00)	4	22	49	71	5	22	86	86			1	1	1	2	13	13
2070(01)	7	13	39	48	5	10	59	59	2	2	3	3	4	4	14	14

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(16)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	23	52	77	118	116	122	159	161	127	131	150	157	167	176	204	221
2070(91)	19	66	93	124	90	104	156	157	100	111	106	119	122	140	172	207
2070(92)	7	27	52	86	87	93	123	124	110	112	127	130	147	154	188	207
2070(93)	17	52	74	98	79	90	139	139	97	106	115	123	134	144	176	194
2070(94)	32	63	91	107	77	86	127	131	89	94	102	111	114	128	139	179
2070(95)	44	58	47	68	41	48	93	95	43	50	55	65	73	88	113	141
2070(96)	21	43	50	71	42	52	96	96	55	64	67	81	87	103	123	138
2070(97)	59	96	94	125	83	99	169	172	100	109	109	124	134	150	184	208
2070(98)	40	77	100	126	89	96	150	153	102	112	117	126	142	154	179	210
2070(99)	46	76	85	112	86	95	143	147	95	98	116	119	134	147	176	205
2070(00)	22	50	73	95	83	89	133	133	102	108	112	120	142	148	163	192
2070(01)	64	77	50	70	54	66	94	94	64	67	72	79	83	87	104	115

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(16a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	25	90	82	143	116	137	159	159	127	191	150	212	167	243	204	204
2070(91)	26	98	99	148	91	123	156	156	100	188	106	206	122	257	172	172
2070(92)	7	59	59	99	87	106	123	123	110	159	127	188	147	246	188	188
2070(93)	23	84	82	116	80	105	139	139	97	170	115	201	134	256	176	176
2070(94)	38	112	95	116	77	125	127	127	89	160	102	183	114	225	139	139
2070(95)	45	77	53	83	41	73	93	93	43	118	55	137	73	176	113	113
2070(96)	25	62	57	80	42	75	96	96	55	118	67	141	87	193	123	123
2070(97)	63	138	101	146	85	141	169	169	100	193	109	216	134	255	184	184
2070(98)	49	120	109	145	90	125	150	150	102	180	117	200	142	253	179	179
2070(99)	54	116	90	138	86	141	143	143	95	179	116	203	134	263	176	176
2070(00)	29	74	79	113	84	102	133	133	102	173	112	198	142	250	163	163
2070(01)	66	108	50	78	54	107	94	94	64	104	72	115	83	160	104	104

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(17)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	1	3	28	46	1	3	67	68								
2070(91)		3	44	67		3	80	84								
2070(92)			15	25	1	1	41	42			1	1	1	1	1	1
2070(93)		1	31	51		1	65	65							1	1
2070(94)	1	5	27	48	1	5	61	63							1	1
2070(95)		1	17	26		1	32	34								
2070(96)		1	20	35		1	38	40								
2070(97)		2	37	64		2	80	83								
2070(98)		3	51	70		3	80	82					1	1	1	1
2070(99)			33	44			55	56								
2070(00)	1	4	35	51	1	4	61	62								
2070(01)	1	4	26	36	1	4	40	41							1	1

APPENDIX - 19

(Predicted days of heat storage 2070 conditions)

Table - 19(17a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	2	4	34	58	2	4	67	67								
2070(91)		5	48	79		5	80	80								
2070(92)			16	34	1	1	41	41			1	1	1	1	1	1
2070(93)		2	36	59		2	65	65							1	1
2070(94)	1	6	31	63	1	6	61	61							1	1
2070(95)		3	20	33		3	32	32								
2070(96)		3	24	41		3	38	38								
2070(97)		10	42	76		10	80	80								
2070(98)	1	8	53	81	1	8	80	80					1	1	1	1
2070(99)		1	35	57		1	55	55								
2070(00)	1	8	37	56	1	8	61	61								
2070(01)	1	5	27	43	1	5	40	40							1	1

APPENDIX - 19
(Predicted days of heat storage 2070 conditions)

Table - 19(18)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	8	13	48	70	7	11	113	113	4	4	7	7	12	12	38	38
2070(91)	3	16	67	90	9	19	110	112	6	6	7	7	15	15	36	36
2070(92)	1	3	30	48	8	8	82	82	8	8	11	11	12	12	24	24
2070(93)	2	12	51	69	14	18	93	93	11	11	11	11	18	18	31	31
2070(94)	6	15	53	82	10	17	96	99	7	7	8	8	12	12	31	31
2070(95)	3	7	31	46	1	5	58	59					2	2	8	8
2070(96)	2	8	35	50	2	7	75	75	1	1	2	2	3	3	10	10
2070(97)	3	16	67	92	6	16	116	116	2	2	3	3	7	7	28	28
2070(98)	7	24	71	95	8	23	110	110	3	3	4	4	12	12	37	37
2070(99)	1	8	50	74		7	99	100			1	1	5	5	26	26
2070(00)	5	19	53	70	6	19	95	97	1	1	4	4	9	9	27	27
2070(01)	10	14	40	48	9	11	72	73	8	8	9	9	12	12	25	25

APPENDIX - 19

(Predicted days of heat storage 2070 conditions)

Table - 19(18a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	9	23	54	85	7	20	113	113	4	7	7	9	12	15	38	38
2070(91)	3	30	74	102	9	32	110	110	6	8	7	8	15	18	36	36
2070(92)	1	6	33	61	8	10	82	82	8	8	11	11	12	12	24	24
2070(93)	2	24	57	85	14	29	93	93	11	12	11	12	18	19	31	31
2070(94)	6	26	60	93	10	25	96	96	7	9	8	12	12	17	31	31
2070(95)	4	13	35	57	2	11	58	58					2	4	8	8
2070(96)	3	14	38	61	3	13	75	75	1	1	2	2	3	4	10	10
2070(97)	8	28	71	108	9	27	116	116	2	4	3	6	7	11	28	28
2070(98)	8	41	77	110	9	40	110	110	3	7	4	8	12	18	37	37
2070(99)	1	22	54	87		21	99	99			1	2	5	6	26	26
2070(00)	6	28	56	87	6	28	95	95	1	5	4	10	9	16	27	27
2070(01)	10	18	42	55	9	15	72	72	8	8	9	9	12	13	25	25

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(1)

Dress	Fully Clothed				Activity		Sitting-inactive									
City	Melbourne															
Gender	Male				Met. Rate		393 K. joules / hr.									
Number of Days on which heat would be stored 2070 conditions.																
Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		1	23	32		1	35	35								
2070(91)	3	5	17	20	3	5	24	24								
2070(92)		1	14	22		1	25	25								
2070(93)	1	2	20	27	1	2	33	33							1	1
2070(94)		3	16	26		3	29	29								
2070(95)		1	16	23		1	23	24								
2070(96)		1	11	20		1	22	22								
2070(97)	1	7	26	35	1	7	37	39								
2070(98)	1	6	25	34	1	6	32	34								
2070(99)			19	25			30	30								
2070(00)		1	28	35		1	37	38								
2070(01)			24	30			31	33								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(1a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		5	26	38		5	35	35								
2070(91)	5	6	17	26	5	6	24	24								
2070(92)		1	16	27		1	25	25								
2070(93)	1	4	22	34	1	4	33	33							1	1
2070(94)		5	16	32		5	29	29								
2070(95)		3	17	25		3	23	23								
2070(96)		1	13	22		1	22	22								
2070(97)	3	11	26	39	3	11	37	37								
2070(98)	2	10	26	37	2	10	32	32								
2070(99)		1	19	34		1	30	30								
2070(00)		6	28	41		6	37	37								
2070(01)		3	25	35		3	31	31								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(2)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		5	29	40		5	41	41								
2070(91)	5	6	19	27	5	6	28	29							5	5
2070(92)	1	1	19	30	1	1	31	31								
2070(93)	1	4	24	34	1	4	41	42					1	1	8	8
2070(94)		5	25	35		5	42	42								
2070(95)	1	3	20	25	1	3	29	29							2	2
2070(96)		1	15	24		1	26	27							1	1
2070(97)	3	11	27	39	3	11	42	43							7	7
2070(98)	4	10	30	38	4	10	40	41							4	4
2070(99)		1	22	35		1	37	39							1	1
2070(00)		6	33	42		6	44	45							2	2
2070(01)		3	28	36		3	36	38							3	3

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(2a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		11	31	46		11	41	41								
2070(91)	5	11	19	33	5	11	28	28						3	5	5
2070(92)	1	5	23	32	1	5	31	31								
2070(93)	2	11	25	42	2	11	41	41					1	1	8	8
2070(94)	2	11	27	46	2	11	42	42								
2070(95)	1	7	22	32	1	7	29	29							2	2
2070(96)		3	18	31		3	26	26							1	1
2070(97)	4	14	33	47	4	14	42	42						2	7	7
2070(98)	5	14	33	40	5	14	40	40						2	4	4
2070(99)		8	24	45		8	37	37							1	1
2070(00)	1	10	36	50	1	10	44	44							2	2
2070(01)		12	29	42		12	36	36							3	3

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(3)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		5	30	40		5	41	41								
2070(91)	5	6	19	27	5	6	28	29							5	5
2070(92)	1	1	21	30	1	1	31	31								
2070(93)	1	5	24	34	1	5	41	42					1	1	8	8
2070(94)	1	5	26	36	1	5	42	42							1	1
2070(95)	1	3	21	26	1	3	29	30							2	2
2070(96)		1	15	24		1	27	28							1	1
2070(97)	3	11	29	40	3	11	42	44							7	7
2070(98)	4	11	30	39	4	11	41	42							5	5
2070(99)		2	22	35		2	38	40							1	1
2070(00)		8	33	42		8	46	47							2	2
2070(01)		3	29	37		3	36	38							3	3

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(3a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		11	31	46		11	41	41								
2070(91)	5	11	19	33	5	11	28	28						5	5	5
2070(92)	1	6	23	32	1	6	31	31								
2070(93)	2	11	25	42	2	11	41	41					1	1	8	8
2070(94)	2	11	28	46	2	11	42	42							1	1
2070(95)	1	8	22	33	1	8	29	29						1	2	2
2070(96)		3	18	31		3	27	27							1	1
2070(97)	4	16	33	47	4	16	42	42						5	7	7
2070(98)	6	14	33	41	6	14	41	41						4	5	5
2070(99)		9	24	45		9	38	38							1	1
2070(00)	1	13	37	50	1	13	46	46						1	2	2
2070(01)		12	29	42		12	36	36							3	3

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(4)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	24	47	46	62	40	49	78	79	55	68	60	77	73	92	103	149
2070(91)	25	33	36	54	23	27	66	66	32	47	40	59	53	81	90	132
2070(92)	15	32	34	48	37	44	68	68	50	59	54	66	70	88	101	139
2070(93)	22	40	44	64	38	44	74	75	49	60	53	70	67	89	101	146
2070(94)	26	42	47	63	39	46	72	72	43	63	53	71	66	90	100	143
2070(95)	20	35	35	42	31	40	57	57	41	54	46	60	56	74	85	124
2070(96)	10	26	31	45	21	28	58	58	31	50	37	56	53	71	74	117
2070(97)	27	45	48	62	34	44	70	70	42	58	48	66	56	84	85	149
2070(98)	23	42	41	55	27	36	65	66	26	45	38	52	50	67	85	156
2070(99)	25	46	47	61	46	52	82	83	58	67	66	76	77	97	108	165
2070(00)	31	54	54	73	41	54	88	88	55	69	64	79	80	105	110	164
2070(01)	34	53	45	61	35	40	66	67	42	53	47	59	55	81	86	138

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(4a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	28	69	52	72	40	70	78	78	55	140	60	162	73	213	103	103
2070(91)	27	50	36	61	23	44	66	66	32	119	40	147	53	204	90	90
2070(92)	15	46	39	55	37	54	68	68	50	123	54	143	70	186	101	101
2070(93)	24	64	46	72	38	66	74	74	49	130	53	156	67	219	101	101
2070(94)	28	71	52	69	39	75	72	72	43	132	53	154	66	198	100	100
2070(95)	22	51	35	49	31	55	57	57	41	111	46	138	56	182	85	85
2070(96)	10	40	33	52	21	38	58	58	31	110	37	134	53	193	74	74
2070(97)	33	68	51	73	39	67	70	70	42	144	48	170	56	217	85	85
2070(98)	25	56	43	61	28	51	65	65	26	145	38	166	50	217	85	85
2070(99)	28	75	48	78	46	81	82	82	58	158	66	179	77	233	108	108
2070(00)	35	82	54	92	42	84	88	88	55	154	64	172	80	225	110	110
2070(01)	37	79	46	70	35	66	66	66	42	130	47	150	55	205	86	86

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(5)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)			23	30			34	34								
2070(91)	1	5	16	19	1	5	22	22								
2070(92)		1	11	21		1	21	23								
2070(93)		2	18	25		2	31	31								
2070(94)		2	16	26		2	27	28								
2070(95)		1	15	22		1	23	24								
2070(96)			7	18			19	20								
2070(97)		4	25	32		4	31	35								
2070(98)	1	5	23	33	1	5	32	34								
2070(99)			18	24			26	26								
2070(00)		1	28	34		1	34	36								
2070(01)			22	28			29	30								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(5a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		3	23	37		3	34	34								
2070(91)	3	6	17	24	3	6	22	22								
2070(92)		1	13	26		1	21	21								
2070(93)		4	20	32		4	31	31								
2070(94)		4	16	31		4	27	27								
2070(95)		2	16	24		2	23	23								
2070(96)		1	11	22		1	19	19								
2070(97)	1	8	25	37	1	8	31	31								
2070(98)	1	7	25	37	1	7	32	32								
2070(99)			19	30			26	26								
2070(00)		4	28	37		4	34	34								
2070(01)		1	24	32		1	29	29								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(6)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	1	11	34	45	1	11	51	52							10	10
2070(91)	5	10	21	30	5	10	32	33			2	2	4	4	8	8
2070(92)	1	3	23	31	1	3	36	36							4	4
2070(93)	2	9	27	39	5	9	49	50	3	3	4	4	6	6	15	15
2070(94)	3	10	28	43	3	10	51	52							10	10
2070(95)	2	6	23	31	1	5	37	38					1	1	9	9
2070(96)	1	2	19	29	1	2	35	35							1	1
2070(97)	7	14	35	46	7	14	49	50			1	1	3	3	15	15
2070(98)		7	25	43		7	48	50							8	8
2070(99)	1	10	38	51	1	10	52	54					1	1	12	12
2070(00)		10	31	42		10	42	43			2	2	3	3	11	11
2070(01)			23	30			34	34								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(6a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	3	18	37	52	3	18	51	51		1		1		8	10	10
2070(91)	6	14	21	37	6	14	32	32		5	2	7	4	11	8	8
2070(92)	1	9	24	40	1	9	36	36		1		1		3	4	4
2070(93)	3	14	30	47	6	14	49	49	3	5	4	7	6	10	15	15
2070(94)	4	14	30	53	4	14	51	51		4		4		9	10	10
2070(95)	2	13	24	34	1	13	37	37		1		2	1	5	9	9
2070(96)	1	5	22	34	1	5	35	35		1		1		1	1	1
2070(97)	7	23	37	52	7	23	49	49		9	1	10	3	16	15	15
2070(98)		17	28	49		17	48	48				2		7	8	8
2070(99)	3	24	38	56	3	24	52	52		4		7	1	12	12	12
2070(00)	1	20	33	46	1	20	42	42		1	2	6	3	14	11	11
2070(01)		3	23	37		3	34	34								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(7)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)			23	30			34	34								
2070(91)	2	5	16	19	2	5	22	22								
2070(92)		1	11	21		1	21	23								
2070(93)		2	18	25		2	31	31								
2070(94)		2	16	26		2	27	28								
2070(95)		1	15	22		1	23	24								
2070(96)			7	18			19	20								
2070(97)		4	25	32		4	32	36								
2070(98)	1	6	23	33	1	6	32	34								
2070(99)			18	24			26	26								
2070(00)		1	28	34		1	34	36								
2070(01)			22	28			30	31								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(7a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		3	23	37		3	34	34								
2070(91)	3	6	17	24	3	6	22	22								
2070(92)		1	13	26		1	21	21								
2070(93)	1	4	20	32	1	4	31	31								
2070(94)		5	16	31		5	27	27								
2070(95)		2	16	24		2	23	23								
2070(96)		1	11	22		1	19	19								
2070(97)	1	8	25	37	1	8	32	32								
2070(98)	2	8	25	37	2	8	32	32								
2070(99)			19	30			26	26								
2070(00)		4	28	38		4	34	34								
2070(01)		1	24	32		1	30	30								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(8)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		3	26	36		3	37	38								
2070(91)	5	6	17	22	5	6	26	27							2	2
2070(92)	1	1	16	24	1	1	29	29								
2070(93)	1	3	23	30	1	3	37	37							2	2
2070(94)		4	16	29		4	33	35								
2070(95)		1	18	24		1	28	28								
2070(96)		1	13	22		1	23	24								
2070(97)	3	7	26	37	3	7	40	40							1	1
2070(98)	2	7	26	36	2	7	33	36							1	1
2070(99)			19	28			34	34								
2070(00)		3	30	37		3	40	40								
2070(01)		1	25	32		1	34	35								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(8a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		7	27	40		7	37	37								
2070(91)	5	8	19	29	5	8	26	26							2	2
2070(92)	1	1	16	30	1	1	29	29								
2070(93)	1	8	24	37	1	8	37	37							2	2
2070(94)		6	19	38		6	33	33								
2070(95)	1	4	19	28	1	4	28	28								
2070(96)		1	15	27		1	23	23								
2070(97)	3	13	26	44	3	13	40	40							1	1
2070(98)	3	12	29	39	3	12	33	33							1	1
2070(99)		5	21	37		5	34	34								
2070(00)		8	31	47		8	40	40								
2070(01)		6	25	38		6	34	34								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(9)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		3	27	36		3	38	39								
2070(91)	5	6	19	24	5	6	26	27							2	2
2070(92)	1	1	16	25	1	1	29	29								
2070(93)	1	4	24	31	1	4	38	38							2	2
2070(94)		4	18	30		4	34	37								
2070(95)		1	18	24		1	28	28								
2070(96)		1	14	22		1	24	25								
2070(97)	3	8	26	38	3	8	40	41							2	2
2070(98)	3	7	28	36	3	7	34	36							1	1
2070(99)			20	30			35	35								
2070(00)		4	31	38		4	41	42								
2070(01)		1	26	33		1	35	35								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(9a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		7	28	40		7	38	38								
2070(91)	5	9	19	29	5	9	26	26							2	2
2070(92)	1	1	17	30	1	1	29	29								
2070(93)	1	8	24	37	1	8	38	38							2	2
2070(94)		7	21	38		7	34	34								
2070(95)	1	4	19	29	1	4	28	28								
2070(96)		1	15	27		1	24	24								
2070(97)	3	14	27	44	3	14	40	40							2	2
2070(98)	3	12	29	39	3	12	34	34							1	1
2070(99)		6	22	40		6	35	35								
2070(00)		8	32	47		8	41	41								
2070(01)		6	26	40		6	35	35								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(10)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	6	20	39	52	7	18	68	68	6	7	7	8	16	18	36	39
2070(91)	7	15	26	37	8	14	51	51	6	6	7	9	10	13	23	25
2070(92)	6	14	28	40	2	10	52	52	1	2	1	2	6	7	31	31
2070(93)	6	16	35	48	12	17	62	62	13	14	15	15	21	21	37	38
2070(94)	8	17	34	53	7	16	60	60	6	9	9	11	17	18	34	35
2070(95)	5	14	26	34	8	15	45	45	9	9	11	11	18	18	30	34
2070(96)	1	5	22	34	1	5	45	45	1	1	1	1	4	4	20	21
2070(97)	11	24	39	52	13	23	60	60	5	10	10	13	18	19	34	40
2070(98)	10	19	37	44	13	19	52	52	7	11	9	13	15	19	28	32
2070(99)	5	21	35	49	6	18	61	62	4	4	9	9	19	20	46	47
2070(00)	11	29	42	56	10	25	69	69	9	11	11	14	16	20	42	45
2070(01)	2	20	36	46	9	23	53	53	7	8	8	10	13	18	34	35

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(10a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	9	33	40	59	9	32	68	68	6	32	7	38	16	55	36	36
2070(91)	9	21	29	48	9	20	51	51	6	20	7	25	10	39	23	23
2070(92)	6	27	31	45	2	24	52	52	1	20	1	26	6	37	31	31
2070(93)	9	28	37	61	12	27	62	62	13	27	15	34	21	52	37	37
2070(94)	9	28	38	59	8	27	60	60	6	28	9	36	17	55	34	34
2070(95)	6	23	28	42	8	24	45	45	9	26	11	30	18	40	30	30
2070(96)	1	17	27	42	1	17	45	45	1	18	1	22	4	36	20	20
2070(97)	13	33	43	57	14	33	60	60	5	31	10	38	18	52	34	34
2070(98)	13	31	39	52	15	31	52	52	7	33	9	37	15	46	28	28
2070(99)	7	27	39	58	6	24	61	61	4	24	9	30	19	55	46	46
2070(00)	13	40	47	69	12	37	69	69	9	33	11	39	16	54	42	42
2070(01)	4	32	38	59	10	32	53	53	7	29	8	34	13	45	34	34

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(11)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)			22	30			32	33								
2070(91)	1	5	15	19	1	5	22	22								
2070(92)		1	9	20		1	20	23								
2070(93)		1	18	25		1	30	30								
2070(94)		1	15	24		1	25	27								
2070(95)		1	14	21		1	21	22								
2070(96)			6	17			18	19								
2070(97)		3	24	31		3	31	34								
2070(98)		4	21	30		4	31	32								
2070(99)			17	21			26	26								
2070(00)			27	31			34	34								
2070(01)			22	28			29	30								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(11a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		3	23	36		3	32	32								
2070(91)	2	5	17	20	2	5	22	22								
2070(92)		1	13	22		1	20	20								
2070(93)		3	20	30		3	30	30								
2070(94)		3	16	28		3	25	25								
2070(95)		1	16	24		1	21	21								
2070(96)		1	8	22		1	18	18								
2070(97)		7	25	36		7	31	31								
2070(98)	1	7	24	36	1	7	31	31								
2070(99)			17	27			26	26								
2070(00)		3	28	36		3	34	34								
2070(01)		1	23	32		1	29	29								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(12)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		5	29	40		5	41	41								
2070(91)	5	6	19	27	5	6	28	29							5	5
2070(92)	1	1	19	30	1	1	31	31								
2070(93)	1	4	24	34	1	4	41	42					1	1	8	8
2070(94)		5	25	35		5	42	42								
2070(95)	1	3	20	25	1	3	29	29							2	2
2070(96)		1	15	24		1	26	27							1	1
2070(97)	3	11	27	39	3	11	42	43							7	7
2070(98)	4	10	30	38	4	10	40	41							4	4
2070(99)		1	22	35		1	37	39							1	1
2070(00)		6	33	42		6	44	45							2	2
2070(01)		3	28	36		3	36	38							3	3

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(12a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		11	31	46		11	41	41								
2070(91)	5	11	19	33	5	11	28	28						3	5	5
2070(92)	1	5	23	32	1	5	31	31								
2070(93)	2	11	25	42	2	11	41	41					1	1	8	8
2070(94)	2	11	27	46	2	11	42	42								
2070(95)	1	7	22	32	1	7	29	29							2	2
2070(96)		3	18	31		3	26	26							1	1
2070(97)	4	14	33	47	4	14	42	42						2	7	7
2070(98)	5	14	33	40	5	14	40	40						2	4	4
2070(99)		8	24	45		8	37	37							1	1
2070(00)	1	10	36	50	1	10	44	44							2	2
2070(01)		12	29	42		12	36	36							3	3

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(13)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)			23	32			34	35								
2070(91)	3	5	17	19	3	5	24	24								
2070(92)		1	13	21		1	22	23								
2070(93)		2	20	27		2	33	33							1	1
2070(94)		2	16	26		2	29	29								
2070(95)		1	16	22		1	23	24								
2070(96)		1	10	19		1	21	21								
2070(97)		7	25	34		7	36	39								
2070(98)	1	6	24	33	1	6	32	34								
2070(99)			19	25			28	28								
2070(00)		1	28	34		1	37	38								
2070(01)			23	29			30	31								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(13a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		4	26	38		4	34	34								
2070(91)	4	6	17	25	4	6	24	24								
2070(92)		1	15	27		1	22	22								
2070(93)	1	4	22	34	1	4	33	33							1	1
2070(94)		5	16	31		5	29	29								
2070(95)		3	17	24		3	23	23								
2070(96)		1	13	22		1	21	21								
2070(97)	3	10	25	39	3	10	36	36								
2070(98)	2	9	26	37	2	9	32	32								
2070(99)		1	19	31		1	28	28								
2070(00)		5	28	40		5	37	37								
2070(01)		2	25	34		2	30	30								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(14)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		4	27	38		4	40	40								
2070(91)	5	6	19	24	5	6	27	28							4	4
2070(92)	1	1	17	28	1	1	31	31								
2070(93)	1	4	24	34	1	4	40	41					1	1	5	5
2070(94)		5	21	33		5	42	42								
2070(95)	1	3	19	24	1	3	29	29							1	1
2070(96)		1	15	22		1	24	25								
2070(97)	3	9	26	38	3	9	41	42							3	3
2070(98)	3	9	29	37	3	9	38	39							2	2
2070(99)			21	31			37	37								
2070(00)		5	32	40		5	44	44							1	1
2070(01)		2	26	34		2	36	37								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(14a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		11	30	44		11	40	40								
2070(91)	5	10	19	30	5	10	27	27							4	4
2070(92)	1	3	21	31	1	3	31	31								
2070(93)	2	9	25	39	2	9	40	40					1	1	5	5
2070(94)	1	10	26	43	1	10	42	42								
2070(95)	1	5	21	31	1	5	29	29							1	1
2070(96)		2	16	29		2	24	24								
2070(97)	4	14	31	46	4	14	41	41							3	3
2070(98)	4	12	30	40	4	12	38	38							2	2
2070(99)		7	22	43		7	37	37								
2070(00)		10	33	50		10	44	44							1	1
2070(01)		10	29	42		10	36	36								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(15)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		4	29	39		4	41	41								
2070(91)	5	6	19	26	5	6	27	28							5	5
2070(92)	1	1	18	28	1	1	31	31								
2070(93)	1	4	24	34	1	4	40	41					1	1	6	6
2070(94)		5	24	34		5	42	42								
2070(95)	1	3	19	25	1	3	29	29							1	1
2070(96)		1	15	22		1	26	27							1	1
2070(97)	3	10	27	39	3	10	42	43							6	6
2070(98)	4	9	29	37	4	9	39	40							4	4
2070(99)		1	22	33		1	37	38								
2070(00)		6	33	41		6	44	45							2	2
2070(01)		2	28	35		2	36	38							2	2

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(15a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		11	31	46		11	41	41								
2070(91)	5	11	19	31	5	11	27	27						1	5	5
2070(92)	1	4	23	31	1	4	31	31								
2070(93)	2	11	25	41	2	11	40	40					1	1	6	6
2070(94)	1	10	26	45	1	10	42	42								
2070(95)	1	6	21	32	1	6	29	29							1	1
2070(96)		2	17	29		2	26	26							1	1
2070(97)	4	14	32	47	4	14	42	42							6	6
2070(98)	5	14	32	40	5	14	39	39						1	4	4
2070(99)		7	24	44		7	37	37								
2070(00)	1	10	35	50	1	10	44	44							2	2
2070(01)		11	29	42		11	36	36							2	2

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(16)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	18	36	45	58	22	35	73	73	31	43	35	49	49	62	81	99
2070(91)	20	29	30	46	14	22	63	63	17	23	19	26	29	40	60	86
2070(92)	11	26	32	44	20	27	64	64	32	37	37	44	47	56	78	93
2070(93)	16	32	40	61	25	32	70	71	29	35	34	40	46	55	75	94
2070(94)	18	32	43	58	23	34	65	65	28	36	31	42	43	61	72	93
2070(95)	8	21	32	41	21	29	55	55	22	30	30	40	35	46	65	79
2070(96)	5	19	29	41	10	17	54	54	10	19	16	26	28	44	59	78
2070(97)	20	34	46	57	23	34	67	68	28	35	30	42	41	56	62	92
2070(98)	18	33	44	58	26	35	73	74	34	40	43	50	52	60	86	110
2070(99)	23	46	52	67	29	42	81	82	32	45	45	53	58	69	89	113
2070(00)	19	37	42	58	22	31	65	66	24	34	27	38	43	50	64	92
2070(01)			22	30			33	33								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(16a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	18	53	46	66	22	52	73	73	31	92	35	101	49	143	81	81
2070(91)	22	39	34	56	15	31	63	63	17	76	19	86	29	122	60	60
2070(92)	15	38	33	53	20	38	64	64	32	78	37	97	47	128	78	78
2070(93)	18	49	44	68	25	49	70	70	29	84	34	96	46	137	75	75
2070(94)	19	49	47	67	24	54	65	65	28	83	31	101	43	135	72	72
2070(95)	11	37	34	49	21	45	55	55	22	65	30	82	35	116	65	65
2070(96)	7	31	31	50	11	28	54	54	10	66	16	81	28	111	59	59
2070(97)	23	56	47	67	24	53	67	67	28	86	30	100	41	147	62	62
2070(98)	20	60	46	72	28	63	73	73	34	97	43	119	52	159	86	86
2070(99)	28	67	52	84	30	65	81	81	32	100	45	121	58	157	89	89
2070(00)	21	56	44	64	22	50	65	65	24	85	27	96	43	132	64	64
2070(01)		3	23	36		3	33	33								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(17)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)			22	30			33	33								
2070(91)	1	5	16	19	1	5	22	22								
2070(92)		1	11	21		1	21	23								
2070(93)		2	18	25		2	30	30								
2070(94)		1	16	24		1	25	27								
2070(95)		1	15	22		1	22	24								
2070(96)			6	18			19	20								
2070(97)		4	25	32		4	31	35								
2070(98)		5	23	33		5	31	34								
2070(99)			18	24			26	26								
2070(00)		1	28	33		1	34	35								
2070(01)			22	28			29	30								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(17a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		3	23	36		3	33	33								
2070(91)	3	6	17	24	3	6	22	22								
2070(92)		1	13	24		1	21	21								
2070(93)		3	20	31		3	30	30								
2070(94)		4	16	30		4	25	25								
2070(95)		1	16	24		1	22	22								
2070(96)		1	11	22		1	19	19								
2070(97)		8	25	37		8	31	31								
2070(98)	1	7	24	36	1	7	31	31								
2070(99)			19	29			26	26								
2070(00)		4	28	37		4	34	34								
2070(01)		1	23	32		1	29	29								

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(18)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
									Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Shade		Sun		Shade		Sun									
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)		7	31	41		7	49	50							5	5
2070(91)	5	9	20	29	5	9	30	31					2	2	7	7
2070(92)	1	1	23	31	1	1	36	36							1	1
2070(93)	2	8	26	37	3	8	47	47	1	1	2	2	4	4	11	11
2070(94)	2	7	28	39	2	7	49	49							5	5
2070(95)	1	4	22	29	1	4	32	34							6	6
2070(96)		1	18	27		1	33	33							1	1
2070(97)	5	14	34	44	5	14	48	49					2	2	13	13
2070(98)	7	13	33	39	6	12	43	43					1	1	9	9
2070(99)		6	24	40		6	44	45							3	3
2070(00)	1	8	38	48	1	8	50	51							9	9
2070(01)		6	29	40		6	39	40					1	1	7	7

APPENDIX - 20
(Predicted days of heat storage 2070 conditions)

Table - 20(18a)

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

Number of Days on which heat would be stored 2070 conditions.

Year	Outside Full Ambient Wind				Outside Out of Wind - WS=0.5				Indoors - W.S. = 0.2Km/Hr							
	Shade		Sun		Shade		Sun		Dble Brick Slab Floor		Brick Ven. Slab Floor		Brick Ven. Timb Floor		Timb/Fibro Timb Floor	
	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.	Ac.	Un.Ac.
2070(90)	1	13	33	50	1	13	49	49						1	5	5
2070(91)	5	14	21	36	5	14	30	30		5		5	2	6	7	7
2070(92)	1	7	23	37	1	7	36	36				1		1	1	1
2070(93)	3	13	27	45	4	13	47	47	1	1	2	3	4	7	11	11
2070(94)	3	13	29	52	3	13	49	49						4	5	5
2070(95)	1	10	23	34	1	10	32	32		1		1		2	6	6
2070(96)	1	5	20	33	1	5	33	33				1		1	1	1
2070(97)	7	21	35	50	7	21	48	48		5		7	2	10	13	13
2070(98)	7	17	34	43	6	17	43	43		4		5	1	9	9	9
2070(99)		11	26	47		11	44	44						2	3	3
2070(00)	1	17	38	53	1	17	50	50		1		1		6	9	9
2070(01)		18	33	46		18	39	39				1	1	5	7	7