

## APPENDIX B – CITY SUMMARIES

In this climate change projections based on the probabilistic method are given for a set of 14 selected sites. Results are indicative in that they are based on the results of global climate models for the locations and do not take into account local topographical effects (see sections 5.1.4 and 5.2.4). Changes (relative to 1990) are shown, except for days over 35°C.

**Table B1:** Projected climate changes for Adelaide

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.6	0.9	1.3	1	1.5	2.1	1.9	2.8	4
	Summer	0.6	0.9	1.4	1	1.6	2.3	2	3	4.4
	Autumn	0.6	0.9	1.3	0.9	1.5	2.2	1.8	2.8	4.2
	Winter	0.5	0.8	1.2	0.8	1.3	2	1.5	2.4	3.8
	Spring	0.6	0.9	1.3	1	1.5	2.2	2	3	4.3
No. days over 35°C (current 17)	Annual	21.3	23.0	25.5	24.0	26.4	30.6	28.9	35.6	46.6
Rainfall (%)	Annual	-11	-4	+2	-18	-7	+4	-32	-13	+8
	Summer	-14	-2	+11	-23	-3	+18	-39	-5	+35
	Autumn	-11	-1	+9	-18	-2	+14	-31	-4	+28
	Winter	-15	-6	+2	-23	-10	+3	-40	-19	+6
	Spring	-19	-8	+3	-30	-12	+4	-50	-23	+8
Potential evaporation (%)	Annual	0	+2	+4	+1	+3	+7	+2	+6	+14
	Summer	0	+2	+5	0	+3	+8	-1	+6	+15
	Autumn	+1	+3	+5	+2	+5	+9	+4	+10	+17
	Winter	+1	+5	+12	+2	+8	+20	+3	+16	+39
	Spring	-1	+1	+3	-2	+1	+5	-4	+3	+10
Wind-speed (%)	Annual	-3	0	+3	-6	0	+5	-11	0	+10
	Summer	-1	+2	+6	-2	+4	+10	-3	+7	+19
	Autumn	-6	0	+5	-9	-1	+8	-18	-1	+15
	Winter	-8	-2	+4	-13	-3	+6	-25	-6	+11
	Spring	-6	0	+5	-10	0	+8	-18	-1	+16
Relative humidity (%)	Annual	-1.5	-0.7	+0.0	-2.6	-1.1	+0.1	-5.0	+2.1	+0.1
Solar radiation (%)	Annual	-0.2	+0.4	+1.2	-0.4	+0.7	+2.1	-0.7	+1.4	+4.0

**Table B2:** Projected climate changes for Alice Springs

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.8	1.2	1.6	1.3	1.9	2.7	2.6	3.7	5.2
	Summer	0.8	1.2	1.7	1.3	2	2.9	2.5	3.8	5.6
	Autumn	0.7	1.1	1.7	1.2	1.9	2.8	2.3	3.6	5.4
	Winter	0.6	1	1.5	1.1	1.7	2.5	2	3.3	4.9
	Spring	0.9	1.3	1.8	1.5	2.1	3	2.8	4.1	5.8
No. days over 35°C (current 89.6)	Annual	101.6	109.2	118.1	111.7	121.7	138.2	132.4	155.1	181.7
Rainfall (%)	Annual	-17	-6	+5	-26	-9	+8	-44	-17	+16
	Summer	-17	-3	+10	-27	-6	+17	-45	-11	+33
	Autumn	-20	-4	+13	-32	-6	+22	-52	-12	+42
	Winter	-25	-9	+7	-38	-14	+12	-60	-25	+23
	Spring	-26	-9	+8	-39	-14	+12	-62	-26	+24
Potential evaporation (%)	Annual	0	+2	+4	0	+4	+7	+1	+7	+14
	Summer	0	+2	+4	0	+3	+7	0	+6	+14
	Autumn	+1	+3	+5	+1	+5	+9	+2	+9	+17
	Winter	0	+3	+6	-1	+5	+10	-2	+9	+20
	Spring	-1	+2	+5	-1	+3	+8	-3	+6	+15
Wind-speed (%)	Annual	-1	+1	+4	-2	+2	+6	-3	+4	+12
	Summer	-4	0	+5	-7	0	+8	-14	-1	+15
	Autumn	-1	+1	+3	-2	+1	+5	-4	+2	+9
	Winter	-1	+3	+8	-2	+5	+14	-4	+9	+27
	Spring	-1	+2	+5	-2	+3	+8	-4	+5	+16
Relative humidity (%)	Annual	-1.8	-0.7	+0.4	-3.0	-1.2	+0.6	-5.8	-2.3	+1.2
Solar radiation (%)	Annual	-0.9	+0.2	+1.7	-1.5	+0.4	+2.8	-3.0	+0.7	+5.5

**Table B3: Projected climate changes for Brisbane**

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.7	1	1.4	1.1	1.6	2.3	2.1	3.1	4.4
	Summer	0.6	0.9	1.4	1.1	1.6	2.3	2	3	4.4
	Autumn	0.6	0.9	1.3	1	1.5	2.2	1.9	3	4.3
	Winter	0.6	1	1.3	1.1	1.6	2.2	2.1	3.1	4.3
	Spring	0.7	1	1.5	1.1	1.7	2.5	2.1	3.2	4.8
No. days over 35°C (current 1.0)	Annual	1.5	2.0	2.5	2.1	3.0	4.6	4.0	7.6	20.6
Rainfall (%)	Annual	-12	-3	+5	-18	-5	+9	-33	-9	+17
	Summer	-11	-1	+9	-17	-1	+15	-31	-3	+29
	Autumn	-14	-3	+10	-23	-5	+16	-39	-9	+31
	Winter	-15	-6	+4	-24	-10	+6	-42	-18	+11
	Spring	-17	-6	+6	-28	-10	+10	-47	-18	+18
Potential evaporation (%)	Annual	+2	+3	+5	+3	+6	+8	+7	+11	+16
	Summer	+2	+3	+5	+3	+6	+9	+6	+11	+17
	Autumn	+2	+4	+6	+3	+6	+10	+6	+12	+20
	Winter	+2	+4	+6	+4	+6	+10	+7	+12	+19
	Spring	+2	+3	+4	+3	+5	+7	+5	+9	+14
Wind-speed (%)	Annual	-1	+2	+6	-1	+3	+10	-2	+6	+19
	Summer	-2	+2	+7	-3	+4	+11	-5	+7	+22
	Autumn	-3	+1	+5	-4	+2	+9	-9	+3	+18
	Winter	-6	0	+6	-10	-1	+10	-20	-1	+19
	Spring	0	+5	+12	0	+9	+19	0	+17	+37
Relative humidity (%)	Annual	-1.1	-0.1	+0.9	-1.9	-0.1	+1.5	-3.6	-0.2	+3.0
Solar radiation (%)	Annual	-1.2	0.2	1.9	-2	0.4	3.1	-3.9	0.7	6

**Table B4: Projected climate changes for Cairns**

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.6	0.9	1.2	1.1	1.5	2	2.0	2.9	3.9
	Summer	0.6	0.9	1.3	1	1.5	2.2	2	3	4.2
	Autumn	0.6	0.9	1.2	1	1.5	2.1	2.0	2.9	4.0
	Winter	0.6	0.9	1.2	1	1.5	2.1	1.9	2.8	4
	Spring	0.6	0.9	1.2	1	1.5	2	2	2.8	3.9
No. days over 35°C (current 3.8)	Annual	5.4	6.6	9.1	7.5	12.1	22.1	18.7	44.4	96.0
Rainfall (%)	Annual	-8	0	+8	-14	-1	+13	-25	-1	+25
	Summer	-9	0	+10	-14	0	+16	-25	0	+32
	Autumn	-14	-1	+13	-22	-1	+22	-38	-2	+42
	Winter	-16	-1	+14	-25	-1	+24	-43	-2	+46
	Spring	-21	-5	+10	-33	-8	+16	-54	-16	+32
Potential evaporation (%)	Annual	+2	+3	+4	+4	+5	+7	+7	+10	+14
	Summer	+2	+3	+5	+3	+5	+9	+5	+10	+17
	Autumn	+2	+3	+5	+4	+6	+9	+7	+11	+17
	Winter	+2	+3	+5	+3	+6	+9	+7	+11	+17
	Spring	+2	+3	+4	+3	+5	+6	+6	+9	+12
Wind-speed (%)	Annual	0	+1	+3	0	+2	+4	0	+4	+8
	Summer	-3	+1	+5	-5	+2	+9	-9	+4	+17
	Autumn	-2	+1	+3	-3	+1	+6	-7	+2	+11
	Winter	-1	+1	+3	-1	+2	+5	-2	+4	+10
	Spring	0	+2	+4	0	+3	+7	0	+6	+13
Relative humidity (%)	Annual	-0.8	-0.3	+0.2	-1.3	-0.4	+0.4	-2.5	-0.8	+0.7
Solar radiation (%)	Annual	-1.1	0.0	+1.3	-1.9	0.0	+2.1	-3.7	0.0	+4.1

**Table B5: Projected climate changes for Canberra**

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.6	0.9	1.3	1.1	1.6	2.2	2.1	3.0	4.2
	Summer	0.6	1	1.5	1.1	1.7	2.4	2.1	3.2	4.7
	Autumn	0.6	0.9	1.3	1.0	1.5	2.2	1.9	3	4.3
	Winter	0.5	0.8	1.1	0.9	1.3	1.8	1.7	2.5	3.6
	Spring	0.7	1.0	1.5	1.1	1.7	2.4	2.2	3.3	4.7
No. days over 35°C (current 5.4)	Annual	6.9	7.9	9.9	8.1	10.5	13.0	11.8	16.9	24.7
Rainfall (%)	Annual	-9	-3	+2	-14	-5	+4	-26	-9	+8
	Summer	-8	0	+8	-12	0	+13	-22	+1	+25
	Autumn	-10	-2	+6	-16	-3	+10	-29	-6	+20
	Winter	-14	-5	+3	-22	-9	+5	-38	-16	+10
	Spring	-17	-6	+3	-27	-10	+5	-46	-19	+10
Potential evaporation (%)	Annual	+1	+3	+5	+2	+5	+8	+5	+9	+15
	Summer	+1	+2	+4	+2	+4	+7	+3	+8	+14
	Autumn	+2	+4	+7	+3	+7	+11	+7	+13	+22
	Winter	+1	+6	+13	+2	+10	+22	+5	+19	+43
	Spring	0	+2	+4	0	+3	+7	-1	+6	+14
Wind-speed (%)	Annual	-6	-1	+4	-10	-1	+7	-20	-2	+13
	Summer	-9	+1	+11	-15	+2	+18	-28	+4	+34
	Autumn	-10	-2	+4	-16	-4	+7	-31	-8	+13
	Winter	-7	-0	+6	-11	-1	+10	-22	-1	+19
	Spring	-10	-1	+6	-16	-2	+10	-31	-3	+20
Relative humidity (%)	Annual	-1.4	-0.5	+0.3	-2.3	-0.8	+0.5	-4.5	-1.6	+0.9
Solar radiation (%)	Annual	-0.7	+0.5	+1.9	-1.2	+0.7	+3.2	-2.3	+1.4	+6.2

**Table B6: Projected climate changes for Darwin**

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.7	1	1.4	1.2	1.7	2.3	2.3	3.2	4.4
	Summer	0.7	1	1.4	1.1	1.6	2.4	2.1	3.2	4.6
	Autumn	0.7	1	1.5	1.1	1.7	2.4	2.2	3.3	4.7
	Winter	0.7	1	1.4	1.1	1.7	2.3	2.2	3.2	4.5
	Spring	0.7	1	1.4	1.2	1.7	2.3	2.3	3.3	4.4
No. days over 35°C (current 10.8)	Annual	27.9	44.0	68.8	49.0	89.4	153.1	140.6	226.8	308.3
Rainfall (%)	Annual	-7	-0	+6	-11	-1	+10	-21	-1	+20
	Summer	-6	0	+7	-10	0	+11	-18	+1	+21
	Autumn	-11	0	+11	-18	0	+18	-32	0	+34
	Winter	-27	-4	+18	-41	-7	+31	-63	-13	+59
	Spring	-21	-5	+13	-33	-8	+22	-54	-15	+42
Potential evaporation (%)	Annual	+2	+3	+5	+3	+5	+8	+7	+10	+15
	Summer	+2	+4	+6	+3	+6	+10	+6	+11	+18
	Autumn	+2	+3	+5	+3	+6	+8	+7	+11	+16
	Winter	+1	+3	+5	+1	+5	+9	+2	+9	+17
	Spring	+2	+3	+4	+3	+5	+7	+5	+9	+14
Wind-speed (%)	Annual	-1	+1	+2	-2	+1	+4	-4	+2	+7
	Summer	-5	+1	+7	-8	+2	+12	-16	+3	+23
	Autumn	-3	0	+2	-5	-1	+3	-10	-2	+7
	Winter	-2	0	+2	-4	0	+4	-7	0	+7
	Spring	-1	+2	+5	-1	+3	+9	-2	+7	+17
Relative humidity (%)	Annual	-1.0	-0.5	+0.0	-1.7	-0.8	+0.0	-3.2	-1.5	+0.1
Solar radiation (%)	Annual	-1.1	+0.0	+1.3	-1.9	+0.0	+2.2	-3.6	+0.1	+4.3

**Table B7: Projected climate changes for Dubbo**

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.7	1	1.5	1.2	1.7	2.5	2.2	3.3	4.8
	Summer	0.7	1.1	1.6	1.2	1.8	2.7	2.2	3.5	5.3
	Autumn	0.6	1	1.5	1.1	1.7	2.6	2.1	3.3	4.9
	Winter	0.6	0.9	1.3	0.9	1.4	2.1	1.8	2.8	4.1
	Spring	0.8	1.1	1.7	1.3	1.9	2.8	2.4	3.7	5.4
No. days over 35°C (current 25.1)	Annual	30.7	34.7	38.7	34.9	40.4	50.5	44.3	61.4	87.2
Rainfall (%)	Annual	-10	-2	+5	-16	-4	+8	-29	-7	+16
	Summer	-8	+1	+11	-13	+2	+18	-24	+4	+35
	Autumn	-13	-2	+10	-21	-3	+16	-36	-6	+31
	Winter	-15	-5	+4	-24	-8	+7	-41	-15	+14
	Spring	-19	-6	+5	-29	-9	+9	-49	-17	+17
Potential evaporation (%)	Annual	+1	+3	+5	+2	+4	+8	+4	+9	+15
	Summer	+1	+3	+5	+2	+4	+8	+3	+9	+15
	Autumn	+2	+4	+6	+3	+6	+10	+6	+12	+20
	Winter	0	+5	+12	+1	+8	+20	+1	+15	+39
	Spring	-1	+2	+4	-1	+3	+7	-3	+5	+13
Wind-speed (%)	Annual	-5	0	+4	-8	-1	+7	-15	-1	+13
	Summer	-6	+1	+9	-9	+2	+15	-18	+5	+29
	Autumn	-7	0	+7	-12	-1	+11	-24	-1	+21
	Winter	-10	-2	+4	-16	-4	+7	-31	-8	+14
	Spring	-6	0	+7	-11	0	+11	-21	+1	+22
Relative humidity (%)	Annual	-1.6	-0.5	+0.7	-2.7	-0.9	+0.8	-5.3	-1.8	+1.5
Solar radiation (%)	Annual	-1.0	+0.3	+1.9	-1.7	+0.5	+3.2	-3.2	+1.0	+6.3

**Table B8: Projected climate changes for Hobart**

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.4	0.6	0.9	0.7	1.1	1.5	1.4	2.1	2.9
	Summer	0.5	0.7	1	0.8	1.1	1.6	1.5	2.2	3.1
	Autumn	0.4	0.7	1	0.7	1.1	1.6	1.4	2.2	3.1
	Winter	0.4	0.6	0.9	0.7	1	1.4	1.3	1.9	2.8
	Spring	0.4	0.6	0.9	0.6	1	1.5	1.2	1.9	2.9
No. days over 35°C (current 1.4)	Annual	1.6	1.7	1.8	1.7	1.8	2.0	2.0	2.4	3.4
Rainfall (%)	Annual	-6	-1	+3	-10	-3	-4	-19	-6	+8
	Summer	-11	-3	+4	-17	-5	+14	-31	-10	+13
	Autumn	-7	+1	+4	-11	-2	+7	-20	-4	+14
	Winter	-5	0	+6	-8	0	+9	+15	0	+18
	Spring	-11	-4	+3	-18	-6	+6	-31	-12	+11
Potential evaporation (%)	Annual	+1	+3	+6	+2	+5	+9	+4	+10	+18
	Summer	+1	+3	+5	+2	+5	+8	+3	+9	+16
	Autumn	+2	+4	+7	+4	+7	+12	+7	+14	+24
	Winter	-14	+12	+45	-23	+20	+75	-44	+38	+145
	Spring	+1	+3	+6	+1	+5	+10	+2	+9	+19
Wind-speed (%)	Annual	-2	+1	+5	-4	+2	+8	-7	+4	+16
	Summer	-11	-2	+5	-19	-3	+9	-36	-6	+17
	Autumn	-6	-1	+5	-10	-1	+8	-20	-2	+15
	Winter	0	+5	+11	0	+8	+18	-1	+15	+34
	Spring	-2	+2	+7	-3	+3	+11	-6	+7	+22
Relative humidity (%)	Annual	-0.5	-0.2	+0.1	-0.8	-0.3	+0.1	-1.5	-0.6	+0.2
Solar radiation (%)	Annual	-0.3	+0.5	+1.5	-0.5	+0.9	+2.4	-1.0	+1.7	+4.7

**Table B9: Projected climate changes for Melbourne**

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.6	0.9	1.2	1	1.4	2	1.9	2.8	3.8
	Summer	0.6	1	1.4	1.1	1.6	2.4	2.1	3.1	4.5
	Autumn	0.6	0.8	1.2	0.9	1.4	2.1	1.8	2.7	4
	Winter	0.5	0.7	1	0.8	1.1	1.7	1.5	2.2	3.2
	Spring	0.6	0.9	1.3	1	1.5	2.1	1.9	2.9	4.1
No. days over 35°C (current 9.1)	Annual	10.6	11.4	12.8	11.9	13.6	16.8	15.4	19.8	25.9
Rainfall (%)	Annual	-9	-4	+1	-14	-6	+1	-25	-11	+3
	Summer	-11	-1	+9	-17	-2	+14	-30	-4	+27
	Autumn	-9	-2	+6	-14	-2	+10	-25	-5	+19
	Winter	-10	-4	+2	-17	-7	+3	-30	-12	+5
	Spring	-16	-7	+1	-25	-11	+1	-43	-21	+2
Potential evaporation (%)	Annual	+1	+3	+5	+1	+4	+8	+2	+8	+16
	Summer	0	+2	+5	0	+4	+8	0	+7	+16
	Autumn	+2	+4	+6	+3	+6	+10	+6	+12	+20
	Winter	-1	+8	+20	-1	+14	+34	-2	+26	+66
	Spring	-1	+2	+5	-2	+3	+8	-3	+6	+16
Wind-speed (%)	Annual	-6	0	+4	-9	-1	+6	-18	-1	+12
	Summer	-8	0	+6	-13	0	+9	-25	-1	+18
	Autumn	-10	-3	+3	-16	-4	+6	-32	-8	+11
	Winter	-5	+1	+5	-8	+1	+9	-15	+2	+18
	Spring	-7	0	+6	-12	-1	+10	-24	-1	+19
Relative humidity (%)	Annual	-1.5	-0.7	-0.1	-2.4	-1.2	-0.2	-4.7	-2.3	-0.3
Solar radiation (%)	Annual	+0.1	+0.8	+1.8	+0.1	+1.3	+3.0	+0.3	+2.6	+5.7

**Table B10: Projected climate changes for Mildura**

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.6	0.9	1.3	1.1	1.5	2.2	2	3	4.2
	Summer	0.7	1	1.5	1.1	1.7	2.4	2.1	3.2	4.7
	Autumn	0.6	0.9	1.4	1	1.5	2.3	1.9	3	4.4
	Winter	0.5	0.8	1.2	0.8	1.3	1.9	1.6	2.5	3.8
	Spring	0.7	1	1.4	1.1	1.6	2.3	2.1	3.1	4.5
No. days over 35°C (current 31.8)	Annual	36.2	38.5	42.6	39.4	44.9	51.0	48.4	59.9	75.8
Rainfall (%)	Annual	-10	-3	+4	-17	-5	+6	-30	-10	+11
	Summer	-14	0	+14	-22	-1	+22	-38	-1	+42
	Autumn	-11	-1	+9	-17	-1	+15	-30	-3	+30
	Winter	-15	-6	+3	-23	-9	+5	-40	-17	+9
	Spring	-18	-7	+3	-29	-11	+5	-48	-21	+10
Potential evaporation (%)	Annual	0	+2	+4	+1	+4	+7	+1	+7	+14
	Summer	0	+2	+5	0	+3	+8	-1	+7	+15
	Autumn	+1	+3	+6	+2	+5	+9	+4	+10	+18
	Winter	+1	+5	+12	+1	+8	+21	+2	+16	+40
	Spring	-2	+1	+4	-3	+2	+6	-5	+3	+11
Wind-speed (%)	Annual	-4	0	+4	-7	0	+6	-13	0	+12
	Summer	-2	+2	+6	-3	+3	+10	-5	+6	+19
	Autumn	-7	-1	+5	-11	-1	+8	-21	-2	+16
	Winter	-8	-2	+4	-13	-3	+7	-26	-5	+14
	Spring	-6	0	+6	-10	0	+10	-20	0	+20
Relative humidity (%)	Annual	-1.6	-0.7	+0.1	-2.6	-1.1	+0.1	-5.1	-2.1	+0.2
Solar radiation (%)	Annual	-0.3	+0.4	+1.3	-0.5	+0.6	+2.1	-1.0	+1.2	+4.2

**Table B11: Projected climate changes for Perth**

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.6	0.8	1.2	1	1.4	2	1.9	2.7	3.8
	Summer	0.6	0.9	1.3	1	1.5	2.2	1.9	2.9	4.2
	Autumn	0.6	0.8	1.2	0.9	1.4	2	1.8	2.7	3.9
	Winter	0.5	0.7	1	0.8	1.2	1.7	1.6	2.3	3.3
	Spring	0.6	0.9	1.3	1	1.5	2.1	1.9	2.9	4.1
No. days over 35°C (current 28.1)	Annual	33.1	35.3	38.7	36.2	40.5	46.2	44.1	53.8	67.4
Rainfall (%)	Annual	-13	-6	+1	-21	-11	+1	-37	-19	+2
	Summer	-16	-4	+9	-25	-6	+14	-43	-12	+28
	Autumn	-15	-4	+8	-24	-7	+14	-41	-12	+26
	Winter	-14	-7	-1	-23	-12	-1	-39	-22	-2
	Spring	-18	-9	-2	-29	-15	-4	-48	-27	-7
Potential evaporation (%)	Annual	+1	+2	+4	+2	+4	+6	+4	+7	+12
	Summer	+1	+2	+3	+1	+3	+6	+2	+6	+11
	Autumn	+1	+3	+5	+2	+5	+9	+4	+9	+17
	Winter	+2	+5	+9	+4	+8	+15	+7	+16	+29
	Spring	0	+2	+4	0	+3	+7	+1	+6	+13
Wind-speed (%)	Annual	-3	0	+2	-5	0	+4	-9	-1	+7
	Summer	-1	+2	+7	-2	+4	+12	-5	+8	+24
	Autumn	-2	+2	+7	-4	+3	+11	-7	+6	+21
	Winter	-10	-4	+1	-17	-7	+2	-34	-14	+4
	Spring	-5	-1	+3	-9	-1	+5	-17	-3	+10
Relative humidity (%)	Annual	-1.3	-0.6	+0.0	-2.1	-1.0	-0.2	-4.0	-2.0	-0.3
Solar radiation (%)	Annual	-0.1	+0.4	+1.0	-0.2	+0.7	+1.7	-0.3	+1.4	+3.3

**Table B12: Projected climate changes for St George**

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.7	1.1	1.6	1.2	1.8	2.7	2.4	3.6	5.2
	Summer	0.7	1.1	1.7	1.1	1.9	2.9	2.2	3.6	5.5
	Autumn	0.7	1.1	1.7	1.1	1.8	2.8	2.1	3.5	5.3
	Winter	0.7	1	1.5	1.1	1.7	2.5	2.1	3.3	4.8
	Spring	0.8	1.2	1.8	1.3	2	2.9	2.6	3.9	5.7
No. days over 35°C (current 46.7)	Annual	56.3	63.1	72.3	63.5	74.1	91.1	80.3	102.9	135.3
Rainfall (%)	Annual	-12	-3	+5	-20	-5	+9	-35	-10	+17
	Summer	-12	-1	+10	-19	-1	+17	-33	-3	+33
	Autumn	-16	-3	+10	-26	-6	+16	-44	-11	+32
	Winter	-19	-6	+6	-29	-9	+9	-49	-17	+18
	Spring	-18	-6	+5	-28	-10	+9	-47	-18	+17
Potential evaporation (%)	Annual	+2	+3	+4	+3	+5	+7	+5	+9	+14
	Summer	+1	+3	+5	+2	+5	+8	+5	+9	+15
	Autumn	+2	+3	+6	+3	+6	+9	+5	+11	+18
	Winter	+1	+4	+8	+2	+7	+13	+4	+13	+24
	Spring	0	+2	+4	+1	+4	+7	+1	+7	+14
Wind-speed (%)	Annual	-2	+2	+6	-3	+3	+10	-5	+5	+19
	Summer	-3	+2	+8	-4	+4	+14	-8	+8	+27
	Autumn	-4	+1	+6	-6	+1	+10	-12	+3	+19
	Winter	-6	0	+7	-10	0	+12	-19	0	+23
	Spring	-4	+4	+12	-6	+6	+19	-12	+11	+37
Relative humidity (%)	Annual	-1.7	-0.5	+0.7	-2.9	-0.8	+1.2	-5.6	-1.6	+2.2
Solar radiation (%)	Annual	-1.2	+0.2	+2.0	-2.0	+0.3	+3.3	-3.8	+0.7	+6.3

**Table B13: Projected climate changes for Sydney**

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.6	0.9	1.3	1.1	1.6	2.2	2.1	3.0	4.3
	Summer	0.6	1.0	1.5	1.0	1.6	2.5	2.1	3.1	4.7
	Autumn	0.6	0.9	1.4	1.0	1.5	2.3	1.9	3.0	4.3
	Winter	0.6	0.8	1.2	0.9	1.4	1.9	1.8	2.6	3.7
	Spring	0.7	1.0	1.5	1.2	1.7	2.5	2.2	3.3	4.8
No. days over 35°C (currently 3.5)	Annual	4.1	4.4	5.1	4.5	5.3	6.6	6.0	8.2	12.0
Rainfall (%)	Annual	-9	-3	+3	-14	-4	+5	-25	-8	+10
	Summer	-7	+1	+9	-12	+1	+14	-21	+2	+28
	Autumn	-10	-2	+6	-16	-3	+11	-29	-6	+21
	Winter	-15	-5	+4	-23	-9	+6	-40	-16	+12
	Spring	-16	-6	+4	-25	-9	+6	-44	-17	+12
Potential evaporation (%)	Annual	+2	+3	+5	+3	+5	+8	+5	+9	+15
	Summer	+1	+3	+5	+2	+5	+8	+4	+9	+15
	Autumn	+2	+4	+6	+3	+6	+11	+7	+12	+20
	Winter	+2	+5	+9	+3	+8	+15	+6	+16	+29
	Spring	0	+2	+4	0	+3	+7	+1	+6	+13
Wind-speed (%)	Annual	-5	0	+4	-8	0	+6	-15	-1	+12
	Summer	-5	+3	+11	-9	+4	+19	-16	+8	+36
	Autumn	-9	-2	+4	-14	-3	+7	-27	-5	+14
	Winter	-7	-1	+5	-12	-2	+8	-23	-3	+16
	Spring	-8	0	+6	-14	-1	+10	-26	-1	+19
Relative humidity (%)	Annual	-1.3	-0.4	+0.4	-2.1	-0.6	+0.7	-4.0	-1.2	+1.3
Solar radiation (%)	Annual	-1.0	+0.3	+1.9	-1.6	+0.5	+3.1	-3.2	+0.9	+6.0

**Table B14: Projected climate changes for Wilcannia**

Variable	Season	2030	2030	2030	2070	2070	2070	2070	2070	2070
		A1B 10p	A1B 50p	A1B 90p	B1 10p	B1 50p	B1 90p	A1FI 10p	A1FI 50p	A1FI 90p
Temperature (°C)	Annual	0.7	1	1.5	1.2	1.7	2.4	2.3	3.3	4.7
	Summer	0.7	1.1	1.6	1.2	1.8	2.6	2.3	3.5	5.1
	Autumn	0.7	1	1.5	1.1	1.7	2.6	2.1	3.3	5
	Winter	0.5	0.9	1.3	0.9	1.4	2.2	1.8	2.8	4.3
	Spring	0.7	1.1	1.6	1.2	1.8	2.6	2.4	3.5	5.1
No. days over 35°C (current 63.1)	Annual	71.3	77.2	82.3	78.6	85.1	95.7	91.7	106.1	129.4
Rainfall (%)	Annual	-13	-3	+7	-20	-5	+11	-35	-9	+21
	Summer	-16	0	+15	-25	0	+25	-43	0	+48
	Autumn	-15	-1	+12	-23	-2	+20	-40	-5	+39
	Winter	-18	-6	+6	-28	-9	+10	-46	-17	+20
	Spring	-23	-7	+8	-35	-11	+12	-56	-20	+24
Potential evaporation (%)	Annual	+1	+2	+5	+1	+4	+7	+2	+7	+14
	Summer	0	+2	+5	0	+4	+9	0	+8	+17
	Autumn	+1	+3	+6	+2	+5	+10	+4	+10	+18
	Winter	0	+4	+9	0	+6	+15	0	+13	+28
	Spring	-2	+1	+4	-3	+2	+6	-5	+3	+12
Wind-speed (%)	Annual	-2	0	+4	-4	+1	+6	-8	+1	+12
	Summer	-3	+1	+7	-5	+2	+12	-9	+5	+23
	Autumn	-4	+1	+6	-7	+1	+10	-13	+3	+19
	Winter	-9	-3	+4	-16	-4	+7	-31	-8	+13
	Spring	-4	+1	+7	-6	+2	+11	-12	+4	+21
Relative humidity (%)	Annual	-1.6	-0.6	+0.3	-2.7	-1.0	+0.5	-5.1	-1.9	+1.0
Solar radiation (%)	Annual	-0.7	+0.2	+1.3	-1.2	+0.3	+2.2	-2.3	+0.6	+4.3