

APPENDIX 13.5

MAXIMUM SUMMER TEMPERATURE ANOMALY

header length		16
Area	387500.0 412500.0	
Baseline	1981-2000	
Data Source	Land probabilistic projections	
Data Type	cdf	
Scenario	RCP 8.5	
Show Labels	TRUE	
Software Version	WPS-2.7.0-DP-2.7.0-CV-1.0.8	
Spatial Representation	25km grid	
Temporal Average Type	Seasonal	
Time Period	June July August	
Time Slice Type	1-year time slices	
Variable	Maximum air temperature anomaly at 1.5m (°C)	
Year Maximum		2100
Year Minimum		2023

Date	Maximum air temperature anomaly at 1.5m (°C)(5th Percentile)	Maximum air temperature anomaly at 1.5m (°C)(10th Percentile)
01/07/2023	-1.7252635	-1.1361048
01/07/2024	-1.7126263	-1.119888
01/07/2025	-1.70037	-1.103995
01/07/2026	-1.6883576	-1.0882959
01/07/2027	-1.6764404	-1.0726483
01/07/2028	-1.6644613	-1.0569016
01/07/2029	-1.6522589	-1.0409012
01/07/2030	-1.6396722	-1.0244918
01/07/2031	-1.6265432	-1.0075217
01/07/2032	-1.6127207	-0.9898446
01/07/2033	-1.5980625	-0.97132266
01/07/2034	-1.582437	-0.95182735
01/07/2035	-1.5657244	-0.931241
01/07/2036	-1.5478175	-0.9094568
01/07/2037	-1.5286222	-0.8863794
01/07/2038	-1.5080569	-0.8619245
01/07/2039	-1.4860532	-0.8360189
01/07/2040	-1.4625556	-0.8086007
01/07/2041	-1.4375216	-0.7796196
01/07/2042	-1.4109229	-0.7490378
01/07/2043	-1.3827461	-0.71683174
01/07/2044	-1.3529944	-0.68299365
01/07/2045	-1.3216892	-0.6475337
01/07/2046	-1.2888714	-0.6104822
01/07/2047	-1.2546033	-0.5718913
01/07/2048	-1.2189686	-0.5318363
01/07/2049	-1.1820737	-0.49041626
01/07/2050	-1.1440464	-0.44775364
01/07/2051	-1.1050342	-0.40399268
01/07/2052	-1.0652022	-0.35929683
01/07/2053	-1.0247287	-0.31384444

01/07/2054	-0.98380023	-0.26782376
01/07/2055	-0.9426064	-0.22142641
01/07/2056	-0.90133274	-0.17484076
01/07/2057	-0.8601547	-0.12824467
01/07/2058	-0.81923133	-0.0817988
01/07/2059	-0.7786997	-0.035640292
01/07/2060	-0.7386702	0.010122497
01/07/2061	-0.6992225	0.055414304
01/07/2062	-0.6604033	0.10019614
01/07/2063	-0.6222239	0.14446732
01/07/2064	-0.5846595	0.18826647
01/07/2065	-0.54764926	0.23167145
01/07/2066	-0.5110968	0.27479815
01/07/2067	-0.474872	0.3177982
01/07/2068	-0.4388142	0.36085546
01/07/2069	-0.40273565	0.40418136
01/07/2070	-0.36642665	0.44800928
01/07/2071	-0.3296611	0.4925879
01/07/2072	-0.29220313	0.5381741
01/07/2073	-0.25381377	0.58502537
01/07/2074	-0.21425769	0.6333925
01/07/2075	-0.1733099	0.68351233
01/07/2076	-0.13076171	0.73560125
01/07/2077	-0.08642576	0.78985006
01/07/2078	-0.04014026	0.8464193
01/07/2079	0.008228133	0.9054361
01/07/2080	0.05878256	0.966993
01/07/2081	0.1115953	1.0311468
01/07/2082	0.16670808	1.0979197
01/07/2083	0.22413309	1.1673003
01/07/2084	0.28385425	1.2392461
01/07/2085	0.3458287	1.3136849
01/07/2086	0.40998814	1.3905178
01/07/2087	0.47623953	1.4696206
01/07/2088	0.5444661	1.5508455
01/07/2089	0.61452746	1.6340231
01/07/2090	0.6862606	1.7189633
01/07/2091	0.75948006	1.8054572
01/07/2092	0.8339796	1.893279
01/07/2093	0.9095339	1.9821874
01/07/2094	0.9859019	2.0719295
01/07/2095	1.0628304	2.1622443
01/07/2096	1.1400602	2.252867
01/07/2097	1.2173305	2.3435326
01/07/2098	1.2943863	2.4339821
01/07/2099	1.3709815	2.5239637

Maximum air temperature anomaly
at 1.5m (°C)(25th Percentile)

Maximum air temperature anomaly
at 1.5m (°C)(50th Percentile)

-0.15753472	0.9296824
-0.13586557	0.9560319
-0.11433045	0.98258144
-0.092782125	1.009513
-0.07106413	1.0370126
-0.049015805	1.0652636
-0.026477296	1.0944415
-0.003294087	1.1247089
0.020679083	1.156211
0.04557518	1.1890728
0.07151275	1.2233971
0.09859478	1.2592635
0.12690844	1.2967298
0.15652564	1.3358326
0.18750437	1.3765906
0.2198902	1.4190077
0.2537183	1.4630761
0.289015	1.5087806
0.3257995	1.5561011
0.3640844	1.605016
0.403876	1.6555032
0.44517383	1.7075417
0.4879693	1.7611113
0.53224444	1.8161916
0.5779701	1.8727612
0.62510437	1.9307965
0.67359173	1.9902688
0.72336173	2.0511444
0.7743297	2.1133823
0.8263975	2.1769347
0.87945545	2.241747

0.933386	2.307758
0.98806727	2.3749042
1.0433781	2.4431198
1.0992026	2.51234
1.1554359	2.582506
1.211988	2.653564
1.2687876	2.7254705
1.3257866	2.7981927
1.3829612	2.87171
1.4403138	2.946015
1.4978749	3.0211132
1.5557019	3.0970247
1.6138791	3.1737823
1.6725167	3.251432
1.7317474	3.3300319
1.7917244	3.4096508
1.8526169	3.4903672
1.9146053	3.5722673
1.9778768	3.6554425
2.04262	3.7399879
2.1090195	3.8260005
2.1772509	3.9135761
2.2474763	4.002809
2.3198414	4.093788
2.3944705	4.1865973
2.4714663	4.2813134
2.550907	4.3780055
2.6328464	4.476733
2.7173135	4.577546
2.8043137	4.680484
2.8938274	4.7855735
2.9858134	4.892829
3.0802069	5.0022492
3.1769207	5.1138153
3.2758453	5.22749
3.3768492	5.3432136
3.479777	5.460902
3.5844526	5.5804467
3.6906772	5.701711
3.798231	5.824532
3.9068766	5.948719
4.0163608	6.0740557
4.126417	6.2003036
4.236772	6.3272023
4.347147	6.4544744
4.45726	6.581824

Maximum air temperature anomaly
at 1.5m (°C)(75th Percentile)

Maximum air temperature anomaly
at 1.5m (°C)(90th Percentile)

2.0415385	3.0661952
2.0733194	3.103608
2.1058435	3.1422784
2.13933	3.1824408
2.17399	3.2243092
2.2100186	3.2680697
2.2475905	3.313875
2.2868524	3.3618393
2.3279207	3.4120371
2.3708792	3.4645014
2.4157782	3.5192256
2.4626355	3.576167
2.5114398	3.6352518
2.5621545	3.696381
2.6147225	3.7594395
2.6690726	3.8243022
2.7251263	3.8908455
2.7828033	3.9589546
2.842029	4.028531
2.902738	4.0995007
2.9648786	4.171817
3.028415	4.2454643
3.0933287	4.3204603
3.1596177	4.396853
3.2272944	4.4747167
3.2963839	4.55415
3.3669195	4.635267
3.4389398	4.7181907
3.5124848	4.803047
3.5875914	4.889956
3.6642911	4.979026

3.7426076	5.070346
3.8225548	5.163985
3.904137	5.259985
3.9873476	5.3583617
4.0721703	5.4591026
4.1585803	5.562168
4.2465444	5.667493
4.336022	5.774986
4.4269657	5.884536
4.519325	5.9960117
4.613044	6.109268
4.7080646	6.2241483
4.8043294	6.340488
4.90178	6.4581213
5.000364	6.5768843
5.1000304	6.6966205
5.2007384	6.8171844
5.3024554	6.9384465
5.4051585	7.0602956
5.508838	7.1826425
5.613499	7.305423
5.71916	7.4285965
5.825855	7.552152
5.9336333	7.6761026
6.0425596	7.8004885
6.152713	7.925375
6.264183	8.050851
6.3770714	8.177028
6.491486	8.304033
6.60754	8.432013
6.725346	8.561124
6.845011	8.69153
6.9666343	8.823397
7.0902977	8.956883
7.216063	9.092138
7.343964	9.229288
7.474004	9.368433
7.6061473	9.509639
7.740321	9.652929
7.8764086	9.798284
8.014253	9.94563
8.153655	10.094848
8.294379	10.245761
8.436151	10.398146
8.578667	10.551725
8.721589	10.706172

Maximum air temperature anomaly
at 1.5m (°C)(95th Percentile)

3.6845212
3.725693
3.7684448
3.8129985
3.8595493
3.908258
3.9592483
4.012602
4.068359
4.1265182
4.187042
4.249859
4.314872
4.3819647
4.4510126
4.5218887
4.5944757
4.668674
4.744408
4.8216324
4.9003367
4.980546
5.0623193
5.145748
5.230949
5.3180585
5.407225
5.4985995
5.5923266
5.688538
5.7873445

5.8888297
5.9930477
6.1000204
6.2097363
6.322151
6.437189
6.5547457
6.6746883
6.7968616
6.9210877
7.0471716
7.1749034
7.304063
7.4344244
7.5657616
7.6978517
7.830481
7.96345
8.096578
8.229708
8.362709
8.495483
8.627964
8.760123
8.891966
9.02354
9.154926
9.286247
9.417662
9.549358
9.681557
9.814497
9.948438
10.083637
10.220354
10.358825
10.499259
10.641826
10.786645
10.933776
11.083213
11.234885
11.388651
11.544297
11.701547
11.860054