

APPENDIX 13.3

ANNUAL 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	Annual
Time Period	annual
Time Slice Type	1-year time slices
Variable	Mean air temperature anomaly at 1.5m (°C)
Year Maximum	2100
Year Minimum	2023

Date	Mean air temperature anomaly at 1.5m (°C)(5th Percentile)	Mean air temperature anomaly at 1.5m (°C)(10th Percentile)
01/06/2023	-0.33660957	-0.09058788
01/06/2024	-0.32005322	-0.072981864
01/06/2025	-0.3036542	-0.05557533
01/06/2026	-0.28734466	-0.03829416
01/06/2027	-0.27105287	-0.021058558
01/06/2028	-0.25470552	-0.00378555
01/06/2029	-0.23823026	0.013608468
01/06/2030	-0.22155805	0.031205269
01/06/2031	-0.20462528	0.049082503
01/06/2032	-0.18737552	0.06731172
01/06/2033	-0.16976091	0.08595669
01/06/2034	-0.15174319	0.105072215
01/06/2035	-0.13329412	0.124703236
01/06/2036	-0.1143956	0.1448845
01/06/2037	-0.095039256	0.16564061
01/06/2038	-0.07522564	0.18698642
01/06/2039	-0.05496317	0.20892788
01/06/2040	-0.034266762	0.23146297
01/06/2041	-0.013156438	0.25458282
01/06/2042	0.008344066	0.27827287
01/06/2043	0.03020856	0.3025139
01/06/2044	0.052409466	0.32728297
01/06/2045	0.07491867	0.35255414
01/06/2046	0.0977082	0.37829918
01/06/2047	0.120750636	0.40448806
01/06/2048	0.14401938	0.43108937
01/06/2049	0.16748881	0.45807067
01/06/2050	0.19113432	0.48539886
01/06/2051	0.21493232	0.51304066
01/06/2052	0.23886046	0.540963
01/06/2053	0.2628979	0.5691341
01/06/2054	0.28702602	0.59752434

01/06/2055	0.31122917	0.6261074
01/06/2056	0.33549574	0.6548618
01/06/2057	0.3598194	0.68377227
01/06/2058	0.38420025	0.7128311
01/06/2059	0.40864596	0.7420395
01/06/2060	0.43317288	0.7714084
01/06/2061	0.45780686	0.80095917
01/06/2062	0.48258364	0.83072406
01/06/2063	0.50754935	0.8607461
01/06/2064	0.5327603	0.8910786
01/06/2065	0.5582827	0.9217845
01/06/2066	0.5841916	0.95293534
01/06/2067	0.6105702	0.98460954
01/06/2068	0.63750786	1.0168909
01/06/2069	0.66509855	1.0498663
01/06/2070	0.6934383	1.0836239
01/06/2071	0.7226232	1.1182505
01/06/2072	0.75274676	1.1538297
01/06/2073	0.7838973	1.1904396
01/06/2074	0.81615573	1.2281507
01/06/2075	0.84959346	1.2670248
01/06/2076	0.8842702	1.3071128
01/06/2077	0.92023265	1.3484544
01/06/2078	0.9575129	1.3910766
01/06/2079	0.9961277	1.4349934
01/06/2080	1.0360779	1.4802054
01/06/2081	1.0773484	1.5267003
01/06/2082	1.1199082	1.5744525
01/06/2083	1.1637125	1.6234245
01/06/2084	1.2087023	1.6735678
01/06/2085	1.2548076	1.724824
01/06/2086	1.3019485	1.7771262
01/06/2087	1.3500382	1.8304014
01/06/2088	1.3989843	1.8845713
01/06/2089	1.4486922	1.9395541
01/06/2090	1.499066	1.9952664
01/06/2091	1.5500113	2.051624
01/06/2092	1.6014359	2.1085432
01/06/2093	1.6532508	2.1659405
01/06/2094	1.7053707	2.223734
01/06/2095	1.7577128	2.2818408
01/06/2096	1.810197	2.3401785
01/06/2097	1.8627437	2.398662
01/06/2098	1.9152727	2.457203
01/06/2099	1.9676998	2.5157063

Mean air temperature anomaly at 1.5m (°C)(25th Percentile)	Mean air temperature anomaly at 1.5m (°C)(50th Percentile)	Mean air temperature anomaly at 1.5m (°C)(75th Percentile)
0.3179899	0.7770169	1.244804
0.33752817	0.799243	1.2709465
0.35703167	0.8217161	1.2977053
0.37658408	0.8445248	1.3251485
0.39627212	0.86775583	1.353338
0.41618308	0.8914923	1.3823285
0.4364024	0.91581136	1.4121656
0.45701128	0.9407823	1.4428864
0.4780847	0.96646523	1.4745183
0.4996897	0.9929097	1.5070794
0.52188385	1.0201544	1.5405791
0.5447147	1.0482265	1.5750186
0.56821895	1.0771425	1.6103923
0.5924227	1.1069083	1.6466887
0.61734176	1.137521	1.6838924
0.6429824	1.1689695	1.7219855
0.6693427	1.2012372	1.7609491
0.69641346	1.2343026	1.8007658
0.72418	1.2681425	1.8414199
0.75262326	1.3027322	1.8829
0.78172123	1.3380483	1.9251987
0.81144994	1.374069	1.9683136
0.84178466	1.4107753	2.012248
0.87270015	1.4481521	2.0570102
0.90417176	1.4861875	2.1026134
0.93617576	1.5248743	2.149076
0.9686893	1.5642091	2.1964192
1.0016912	1.604192	2.244668
1.0351617	1.644827	2.2938492
1.0690833	1.6861209	2.3439908
1.1034405	1.7280834	2.3951216
1.1382207	1.7707264	2.4472687

1.1734146	1.8140643	2.5004585
1.209017	1.8581125	2.5547142
1.2450273	1.9028885	2.610056
1.2814502	1.9484109	2.6664991
1.3182958	1.9946986	2.7240546
1.3555806	2.0417717	2.7827272
1.3933265	2.0896494	2.8425155
1.4315616	2.1383512	2.9034095
1.4703194	2.1878946	2.9653924
1.5096383	2.2382956	3.028438
1.5495611	2.2895684	3.0925124
1.5901341	2.3417244	3.1575716
1.6314061	2.394772	3.223564
1.6734275	2.4487166	3.29043
1.7162492	2.5035605	3.3581035
1.759922	2.5593033	3.4265134
1.8044947	2.6159413	3.4955847
1.8500142	2.6734693	3.5652413
1.8965238	2.7318795	3.6354082
1.944063	2.7911632	3.7060127
1.9926665	2.8513114	3.7769887
2.0423644	2.9123144	3.8482778
2.093181	2.9741635	3.9198308
2.1451342	3.03685	3.991611
2.1982362	3.100367	4.063596
2.2524922	3.1647081	4.135776
2.3079	3.2298682	4.208159
2.3644507	3.2958431	4.280767
2.4221277	3.3626297	4.3536386
2.4809077	3.430225	4.4268255
2.5407596	3.4986262	4.500393
2.6016467	3.567831	4.5744157
2.6635253	3.6378357	4.6489763
2.7263474	3.7086363	4.724161
2.790059	3.7802265	4.8000565
2.8546023	3.8525982	4.8767443
2.9199157	3.9257395	4.9542985
2.9859335	3.9996347	5.03278
3.052586	4.0742607	5.1122327
3.1198	4.149587	5.1926794
3.1874962	4.2255735	5.274118
3.2555897	4.3021646	5.3565183
3.3239877	4.3792906	5.4398184
3.3925877	4.456862	5.523923
3.4612746	4.5347652	5.608699

Mean air temperature anomaly at 1.5m (°C)(90th Percentile)	Mean air temperature anomaly at 1.5m (°C)(95th Percentile)
1.6786687	1.942979
1.7089174	1.9757186
1.7401047	2.0096312
1.772284	2.0447583
1.8054987	2.0811286
1.8397819	2.1187572
1.8751566	2.1576488
1.9116354	2.1977973
1.9492215	2.239189
1.9879099	2.2818036
2.0276887	2.325618
2.0685403	2.3706076
2.1104443	2.4167492
2.153378	2.4640229
2.19732	2.5124142
2.2422514	2.5619154
2.2881575	2.6125264
2.3350291	2.6642551
2.3828647	2.717117
2.4316692	2.771135
2.481456	2.826338
2.532245	2.8827589
2.584062	2.9404328
2.636939	2.9993958
2.6909106	3.059683
2.7460144	3.1213264
2.8022885	3.1843548
2.8597703	3.248791
2.9184954	3.314653
2.9784958	3.381952
3.039799	3.450694
3.102427	3.5208771

3.166396	3.5924938
3.2317147	3.6655302
3.2983856	3.7399662
3.3664026	3.8157752
3.435752	3.892924
3.5064106	3.9713724
3.5783463	4.051071
3.6515162	4.1319623
3.7258658	4.2139764
3.8013299	4.2970314
3.8778293	4.3810334
3.9552734	4.465873
4.0335593	4.551429
4.1125727	4.6375656
4.1921906	4.7241373
4.272282	4.8109903
4.3527136	4.8979645
4.433349	4.984898
4.5140576	5.0716333
4.594715	5.1580195
4.6752086	5.243919
4.7554426	5.3292117
4.8353395	5.4138
4.9148464	5.497613
4.9939365	5.5806103
5.0726104	5.662786
5.1508994	5.7441707
5.228864	5.8248305
5.306594	5.90487
5.384206	5.9844275
5.4618387	6.0636725
5.5396514	6.1428013
5.617814	6.222029
5.6965036	6.301584
5.7758956	6.3816943
5.856157	6.4625845
5.9374366	6.5444613
6.0198627	6.627508
6.1035314	6.7118735
6.188505	6.797667
6.2748065	6.88495
6.3624153	6.9737353
6.4512653	7.063979
6.5412436	7.1555805
6.632188	7.2483807