

APPENDIX 13.4
ANNUAL PRECIPITATION 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	Precipitation rate anomaly (%)
Year Maximum	2100
Year Minimum	2023

Date	Precipitation rate anomaly (%)(5th Percentile)	Precipitation rate anomaly (%)(10th Percentile)
01/06/2023	-18.593393	-14.299426
01/06/2024	-18.560646	-14.264595
01/06/2025	-18.533487	-14.235617
01/06/2026	-18.513538	-14.213684
01/06/2027	-18.502325	-14.199916
01/06/2028	-18.501205	-14.1953
01/06/2029	-18.511293	-14.200642
01/06/2030	-18.5334	-14.216528
01/06/2031	-18.567997	-14.2432995
01/06/2032	-18.615194	-14.281037
01/06/2033	-18.67474	-14.329564
01/06/2034	-18.746035	-14.388456
01/06/2035	-18.828163	-14.457071
01/06/2036	-18.919939	-14.534572
01/06/2037	-19.01996	-14.619967
01/06/2038	-19.12667	-14.712154
01/06/2039	-19.238415	-14.809951
01/06/2040	-19.353504	-14.912136
01/06/2041	-19.47028	-15.017488
01/06/2042	-19.587162	-15.124811
01/06/2043	-19.702705	-15.23297
01/06/2044	-19.815638	-15.340909
01/06/2045	-19.924892	-15.447676
01/06/2046	-20.029638	-15.552436
01/06/2047	-20.129295	-15.654487
01/06/2048	-20.223541	-15.7532625
01/06/2049	-20.31231	-15.848343
01/06/2050	-20.395779	-15.939445
01/06/2051	-20.474356	-16.026423
01/06/2052	-20.548641	-16.109259
01/06/2053	-20.619398	-16.188038
01/06/2054	-20.687504	-16.262945

01/06/2055	-20.753906	-16.33424
01/06/2056	-20.819576	-16.402225
01/06/2057	-20.885456	-16.467245
01/06/2058	-20.952417	-16.529636
01/06/2059	-21.021215	-16.58973
01/06/2060	-21.092457	-16.647814
01/06/2061	-21.16657	-16.704124
01/06/2062	-21.243803	-16.758833
01/06/2063	-21.3242	-16.81204
01/06/2064	-21.407627	-16.86378
01/06/2065	-21.493788	-16.91402
01/06/2066	-21.58224	-16.962692
01/06/2067	-21.672441	-17.009691
01/06/2068	-21.763773	-17.054903
01/06/2069	-21.85558	-17.098219
01/06/2070	-21.947191	-17.139553
01/06/2071	-22.037954	-17.178858
01/06/2072	-22.127241	-17.216116
01/06/2073	-22.21446	-17.251347
01/06/2074	-22.299065	-17.284603
01/06/2075	-22.38054	-17.315948
01/06/2076	-22.458406	-17.345448
01/06/2077	-22.5322	-17.373142
01/06/2078	-22.601473	-17.39905
01/06/2079	-22.665787	-17.423132
01/06/2080	-22.724709	-17.445295
01/06/2081	-22.777817	-17.465387
01/06/2082	-22.824718	-17.483194
01/06/2083	-22.865059	-17.49846
01/06/2084	-22.898554	-17.510899
01/06/2085	-22.925018	-17.520214
01/06/2086	-22.944391	-17.526138
01/06/2087	-22.956768	-17.528448
01/06/2088	-22.962425	-17.526997
01/06/2089	-22.961826	-17.521734
01/06/2090	-22.955626	-17.51273
01/06/2091	-22.944653	-17.500175
01/06/2092	-22.929897	-17.484392
01/06/2093	-22.912464	-17.465824
01/06/2094	-22.89353	-17.445015
01/06/2095	-22.874306	-17.422602
01/06/2096	-22.855972	-17.39928
01/06/2097	-22.839638	-17.375767
01/06/2098	-22.82628	-17.352772
01/06/2099	-22.816706	-17.330948

Precipitation rate anomaly (%)(25th Percentile)	Precipitation rate anomaly (%)(50th Percentile)	Precipitation rate anomaly (%)(75th Percentile)
-7.4998894	0.5008061	9.483082
-7.5176215	0.4713866	9.463326
-7.5369477	0.44073135	9.439399
-7.557974	0.40896928	9.411518
-7.5807977	0.37628576	9.380011
-7.605497	0.34292737	9.345314
-7.6321197	0.30920142	9.30798
-7.6606755	0.27546975	9.268664
-7.6911354	0.24213707	9.228122
-7.72343	0.20963494	9.187177
-7.757458	0.17840219	9.146704
-7.7930923	0.14886364	9.107594
-7.8301873	0.121408656	9.070719
-7.8685923	0.09637126	9.036896
-7.9081564	0.07401397	9.006853
-7.9487333	0.05451657	8.981201
-7.990186	0.037971217	8.960404
-8.032384	0.024384337	8.944776
-8.075199	0.01368504	8.934464
-8.118503	0.005739358	8.929472
-8.162159	0.000368814	8.929664
-8.206014	-0.002628279	8.934799
-8.249899	-0.003454648	8.944561
-8.293619	-0.002292918	8.958591
-8.336957	0.000712604	8.976524
-8.379673	0.005469539	8.998014
-8.421508	0.011945147	9.022764
-8.462193	0.02016738	9.050542
-8.501453	0.030218968	9.0811825
-8.539026	0.042224664	9.114593
-8.574669	0.056332313	9.150736
-8.60817	0.0726891	9.189619

-8.639367	0.09141517	9.231263
-8.668155	0.11257729	9.275677
-8.694492	0.1361655	9.322833
-8.718405	0.16207537	9.372639
-8.739981	0.19009791	9.42492
-8.759366	0.21991833	9.479408
-8.776752	0.25112373	9.535737
-8.792357	0.28321937	9.593451
-8.806418	0.3156518	9.652015
-8.81917	0.34783748	9.710844
-8.8308325	0.37919447	9.769332
-8.841602	0.40917566	9.826883
-8.851645	0.43730122	9.882953
-8.861084	0.46318883	9.937081
-8.87	0.4865801	9.988935
-8.878428	0.5073624	10.038333
-8.886354	0.5255851	10.085267
-8.893714	0.54147035	10.129928
-8.900387	0.5554168	10.172704
-8.906195	0.5679972	10.214188
-8.910897	0.5799473	10.255157
-8.914192	0.5921471	10.296558
-8.915713	0.6055938	10.339466
-8.915036	0.62136704	10.385049
-8.911689	0.64058834	10.434517
-8.905158	0.66437644	10.489071
-8.894914	0.6938003	10.549846
-8.880424	0.7298329	10.617861
-8.8611765	0.77330786	10.693972
-8.836715	0.82488143	10.778829
-8.80665	0.8850018	10.872846
-8.770699	0.9538865	10.97618
-8.728696	1.0315099	11.088723
-8.680623	1.1175988	11.210102
-8.626617	1.2116383	11.339693
-8.566983	1.3128867	11.476642
-8.5021925	1.420398	11.619895
-8.432877	1.5330541	11.768242
-8.359812	1.6496031	11.920355
-8.283896	1.7687036	12.074834
-8.206118	1.8889736	12.230265
-8.127515	2.009042	12.385258
-8.049131	2.1276011	12.538507
-7.9719706	2.2434573	12.688829
-7.8969474	2.3555737	12.835199

Precipitation rate anomaly (%)(90th Percentile)	Precipitation rate anomaly (%)(95th Percentile)
17.410505	22.846033
17.390118	22.8228
17.36734	22.79998
17.34257	22.777954
17.316261	22.757061
17.288948	22.737629
17.261255	22.719975
17.2339	22.704437
17.207687	22.691374
17.183506	22.681187
17.1623	22.674314
17.145039	22.671228
17.132675	22.672413
17.126104	22.67834
17.126102	22.689434
17.133287	22.706024
17.148075	22.72832
17.170639	22.756372
17.200903	22.790054
17.238537	22.829052
17.28297	22.872883
17.33343	22.920908
17.38898	22.972374
17.448586	23.026463
17.51116	23.082336
17.575638	23.139189
17.64102	23.1963
17.706425	23.25307
17.77113	23.309057
17.834581	23.363993
17.896423	23.4178
17.95649	23.47059

18.014788	23.522657
18.071491	23.574465
18.126905	23.626621
18.181433	23.67985
18.235548	23.734955
18.289759	23.792786
18.344572	23.854189
18.400463	23.91996
18.457853	23.990808
18.517086	24.06731
18.578424	24.149881
18.642038	24.23875
18.708015	24.333961
18.776379	24.435356
18.847094	24.54261
18.920103	24.655235
18.995344	24.772629
19.072777	24.8941
19.15241	25.018925
19.234318	25.146378
19.318657	25.275782
19.405676	25.406548
19.49571	25.538204
19.589186	25.67042
19.686586	25.803026
19.788454	25.936012
19.895344	26.069532
20.007801	26.203892
20.126339	26.339518
20.251394	26.476946
20.38331	26.616777
20.522299	26.759642
20.668432	26.906153
20.821617	27.05687
20.981592	27.212257
21.14792	27.372646
21.320005	27.53821
21.497091	27.708942
21.678295	27.88465
21.862627	28.064943
22.049013	28.249256
22.236341	28.43686
22.423494	28.626892
22.60939	28.818405
22.793016	29.010403