

APPENDIX 13.6

SUMMER 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	Seasonal
Time Period	June July August
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)
16/07/2023	-49.369312	-40.902214
16/07/2024	-49.588776	-41.00284
16/07/2025	-49.84354	-41.129166
16/07/2026	-50.134262	-41.28412
16/07/2027	-50.461006	-41.470295
16/07/2028	-50.823185	-41.68986
16/07/2029	-51.219505	-41.944443
16/07/2030	-51.64795	-42.23501
16/07/2031	-52.105793	-42.561832
16/07/2032	-52.589657	-42.924427
16/07/2033	-53.095577	-43.321568
16/07/2034	-53.619137	-43.751297
16/07/2035	-54.155575	-44.21102
16/07/2036	-54.699963	-44.69758
16/07/2037	-55.247364	-45.20737
16/07/2038	-55.793003	-45.736504
16/07/2039	-56.332436	-46.280933
16/07/2040	-56.861687	-46.836613
16/07/2041	-57.37738	-47.39962
16/07/2042	-57.87684	-47.96631
16/07/2043	-58.35811	-48.533382
16/07/2044	-58.82001	-49.097977
16/07/2045	-59.2621	-49.657692
16/07/2046	-59.6846	-50.210617
16/07/2047	-60.088352	-50.7553
16/07/2048	-60.474678	-51.290733
16/07/2049	-60.8453	-51.816284
16/07/2050	-61.202206	-52.331654
16/07/2051	-61.54755	-52.83679
16/07/2052	-61.883533	-53.33185
16/07/2053	-62.212322	-53.817116
16/07/2054	-62.53597	-54.292973
16/07/2055	-62.856342	-54.759846

16/07/2056	-63.175102	-55.21818
16/07/2057	-63.493668	-55.668434
16/07/2058	-63.813206	-56.111046
16/07/2059	-64.134636	-56.546455
16/07/2060	-64.45865	-56.975098
16/07/2061	-64.78572	-57.39742
16/07/2062	-65.11618	-57.81389
16/07/2063	-65.4502	-58.225025
16/07/2064	-65.7879	-58.631413
16/07/2065	-66.12934	-59.033703
16/07/2066	-66.47455	-59.432636
16/07/2067	-66.82359	-59.82905
16/07/2068	-67.17657	-60.22384
16/07/2069	-67.5336	-60.617985
16/07/2070	-67.89484	-61.012497
16/07/2071	-68.26048	-61.40841
16/07/2072	-68.63072	-61.806747
16/07/2073	-69.005775	-62.2085
16/07/2074	-69.38583	-62.614605
16/07/2075	-69.77107	-63.02592
16/07/2076	-70.16167	-63.443233
16/07/2077	-70.557755	-63.86724
16/07/2078	-70.95948	-64.29855
16/07/2079	-71.36699	-64.7377
16/07/2080	-71.780426	-65.18516
16/07/2081	-72.19997	-65.64133
16/07/2082	-72.62579	-66.10656
16/07/2083	-73.05814	-66.58116
16/07/2084	-73.49726	-67.06539
16/07/2085	-73.94343	-67.55947
16/07/2086	-74.396904	-68.06355
16/07/2087	-74.85796	-68.57772
16/07/2088	-75.326836	-69.10198
16/07/2089	-75.803665	-69.63621
16/07/2090	-76.28852	-70.18017
16/07/2091	-76.781334	-70.733475
16/07/2092	-77.28192	-71.29558
16/07/2093	-77.78992	-71.865776
16/07/2094	-78.3048	-72.4432
16/07/2095	-78.825905	-73.026855
16/07/2096	-79.352394	-73.61561
16/07/2097	-79.88329	-74.2082
16/07/2098	-80.41747	-74.803276
16/07/2099	-80.953674	-75.39939

Precipitation rate anomaly (%)(25th Percentile)	Precipitation rate anomaly (%)(50th Percentile)	Precipitation rate anomaly (%)(75th Percentile)
-26.394827	-7.4604163	16.380045
-26.467197	-7.617208	16.23875
-26.542362	-7.758032	16.096989
-26.624538	-7.887117	15.951866
-26.718079	-8.009138	15.800274
-26.827332	-8.129045	15.639
-26.956484	-8.251886	15.464851
-27.109423	-8.382639	15.274762
-27.289597	-8.526052	15.065902
-27.499907	-8.686505	14.83576
-27.742619	-8.867892	14.582216
-28.019299	-9.073541	14.303591
-28.330795	-9.30615	13.998668
-28.677233	-9.567768	13.666705
-29.058056	-9.859785	13.307424
-29.472073	-10.182959	12.92098
-29.91755	-10.537446	12.507941
-30.39229	-10.922859	12.06923
-30.893751	-11.338322	11.606098
-31.419125	-11.782526	11.120069
-31.965452	-12.253801	10.612903
-32.529697	-12.750169	10.086555
-33.108818	-13.269394	9.543145
-33.699833	-13.809036	8.98492
-34.299847	-14.366489	8.414232
-34.90609	-14.939016	7.8335195
-35.515926	-15.523784	7.245277
-36.12688	-16.117891	6.6520424
-36.73662	-16.718409	6.056365
-37.342987	-17.322405	5.4607797
-37.94398	-17.927006	4.8677654
-38.537796	-18.529427	4.2797046
-39.122826	-19.127052	3.6988316

-39.69769	-19.717476	3.1271813
-40.261253	-20.298573	2.5665424
-40.812664	-20.868553	2.0184138
-41.351364	-21.426012	1.4839708
-41.877098	-21.969961	0.9640398
-42.389946	-22.499865	0.4590836
-42.890312	-23.015648	-0.03080543
-43.378918	-23.517696	-0.50590163
-43.8568	-24.00685	-0.9668349
-44.325275	-24.484356	-1.4145706
-44.78592	-24.95185	-1.8503827
-45.2405	-25.411291	-2.2758222
-45.69095	-25.864895	-2.6926813
-46.139286	-26.315084	-3.102956
-46.587566	-26.764406	-3.5088089
-47.03783	-27.215471	-3.9125297
-47.492043	-27.670893	-4.3164973
-47.95205	-28.133223	-4.72314
-48.41953	-28.604902	-5.134893
-48.89599	-29.088223	-5.5541606
-49.38273	-29.585287	-5.9832706
-49.880844	-30.097982	-6.424436
-50.391235	-30.627966	-6.8797116
-50.91461	-31.17665	-7.3509536
-51.45151	-31.745188	-7.839779
-52.002316	-32.33448	-8.3475275
-52.567276	-32.945152	-8.87523
-53.14651	-33.577564	-9.423576
-53.74005	-34.231804	-9.992898
-54.34781	-34.90767	-10.583149
-54.9696	-35.604687	-11.193905
-55.605137	-36.32209	-11.824368
-56.254013	-37.058826	-12.473377
-56.915688	-37.81357	-13.139446
-57.589478	-38.584717	-13.820797
-58.27455	-39.370438	-14.51541
-58.969917	-40.168686	-15.221087
-59.674435	-40.977264	-15.935507
-60.38682	-41.793842	-16.656288
-61.105675	-42.61604	-17.381046
-61.829483	-43.441463	-18.107447
-62.556652	-44.26774	-18.833239
-63.28551	-45.092564	-19.556295
-64.01432	-45.91372	-20.27462

Precipitation rate anomaly (%)(90th Percentile)	Precipitation rate anomaly (%)(95th Percentile)
41.389366	59.218876
41.39386	59.319088
41.37871	59.375484
41.34057	59.386234
41.276093	59.34977
41.182037	59.2648
41.0553	59.130276
40.892998	58.94538
40.69254	58.709545
40.451694	58.42246
40.16868	58.08409
39.8422	57.694733
39.47153	57.255066
39.056557	56.766186
38.597805	56.229668
38.09646	55.647602
37.554367	55.022606
36.973995	54.357807
36.3584	53.656834
35.711136	52.92375
35.036205	52.162975
34.337933	51.37919
33.62088	50.57724
32.889744	49.762028
32.149258	48.938423
31.40409	48.11115
30.658783	47.284714
29.917656	46.46334
29.184752	45.650906
28.463776	44.850906
27.758053	44.066406
27.070473	43.300037
26.403467	42.553986

25.758997	41.83
25.138536	41.129448
24.543106	40.453327
23.973295	39.802376
23.429298	39.177105
22.91097	38.57788
22.41787	38.00498
21.949295	37.4586
21.504337	36.9389
21.081898	36.445988
20.680721	35.979904
20.29941	35.54057
19.936426	35.12775
19.590105	34.74101
19.25864	34.37963
18.940088	34.04258
18.632368	33.728474
18.333261	33.43555
18.04044	33.161686
17.751478	32.90442
17.463903	32.660988
17.175234	32.428425
16.88304	32.20363
16.585003	31.983463
16.278984	31.764877
15.963084	31.544989
15.635708	31.32119
15.295605	31.091234
14.94191	30.853287
14.574158	30.605968
14.192291	30.348375
13.79664	30.080067
13.387898	29.801033
12.967075	29.511656
12.53544	29.212645
12.094467	28.904974
11.645767	28.58982
11.191038	28.268501
10.73201	27.942425
10.270402	27.61305
9.807892	27.281849
9.346084	26.950264
8.886484	26.619684
8.430494	26.29142