



HELIOS RENEWABLE
ENERGY
PROJECT

Preliminary Environmental Information Report

Volume 3: Technical Appendices

Appendix 12.4: Mean Air Temperature
Anomaly

header length 16
Area 462500.0 412500.0
Baseline 1981-2000
Data Source Land probabilistic projections
Data Type cdf
Scenario RCP 8.5
Show Labels TRUE
Software Versior WPS-2.8.0-DP-2.8.0-CV-1.0.10
Spatial Represen 25km grid
Temporal Averag Annual
Time Period annual
Time Slice Type 1-year time slices
Variable Mean air temperature anomaly at 1.5m (°C)
Year Maximum 2066
Year Minimum 2023
Date Mean air t Mean air t Mean air t Mean air t Mean air t Mean air t Mean air t Mean air temperature anomaly at 1.5m (°C)(95th Percentile)

01/06/2023	-0.27014	-0.0249	0.390676	0.857771	1.336249	1.783104	2.055914
01/06/2024	-0.2511	-0.00491	0.412744	0.882709	1.365543	1.816951	2.09302
01/06/2025	-0.23238	0.0148	0.43471	0.907861	1.395472	1.851793	2.131383
01/06/2026	-0.2139	0.034329	0.456667	0.933322	1.426104	1.887675	2.171032
01/06/2027	-0.19558	0.053769	0.47871	0.959188	1.4575	1.924629	2.211982
01/06/2028	-0.17732	0.073215	0.500936	0.985548	1.489712	1.962679	2.254235
01/06/2029	-0.15903	0.092763	0.523438	1.012486	1.522783	2.001837	2.297779
01/06/2030	-0.14064	0.112505	0.546308	1.040079	1.556743	2.042104	2.342593
01/06/2031	-0.12205	0.132528	0.569628	1.068393	1.591615	2.083472	2.388643
01/06/2032	-0.10319	0.15291	0.593473	1.097483	1.627408	2.125925	2.43589
01/06/2033	-0.084	0.17372	0.617906	1.127391	1.664123	2.169441	2.484289
01/06/2034	-0.06442	0.195016	0.642982	1.158146	1.70175	2.213992	2.533793
01/06/2035	-0.0444	0.216843	0.66874	1.189767	1.740274	2.259548	2.584356
01/06/2036	-0.02392	0.239238	0.695212	1.222259	1.779674	2.306077	2.635933
01/06/2037	-0.00294	0.262222	0.722416	1.255617	1.819922	2.35355	2.688486
01/06/2038	0.01853	0.285809	0.750362	1.289827	1.860992	2.401938	2.741983
01/06/2039	0.04051	0.310002	0.779049	1.324866	1.902856	2.451219	2.796398
01/06/2040	0.062988	0.334795	0.808469	1.360706	1.945488	2.501373	2.851719
01/06/2041	0.085952	0.360177	0.83861	1.397317	1.988865	2.552388	2.90794
01/06/2042	0.109384	0.386131	0.869452	1.434664	2.03297	2.604259	2.965063
01/06/2043	0.133262	0.412634	0.900974	1.472712	2.07779	2.656985	3.023103
01/06/2044	0.157558	0.439662	0.93315	1.511429	2.12332	2.710574	3.082077
01/06/2045	0.182244	0.467188	0.965956	1.550783	2.169559	2.765038	3.142012
01/06/2046	0.20729	0.495183	0.999362	1.590745	2.216516	2.820395	3.202938
01/06/2047	0.232664	0.523617	1.033344	1.631292	2.264202	2.876667	3.264886
01/06/2048	0.258334	0.55246	1.067872	1.672404	2.312636	2.933878	3.327891
01/06/2049	0.284269	0.581682	1.102921	1.714065	2.361842	2.992058	3.391984
01/06/2050	0.310436	0.611253	1.138465	1.756266	2.411845	3.051233	3.457196
01/06/2051	0.336804	0.641143	1.174477	1.799002	2.462675	3.111434	3.523556
01/06/2052	0.363344	0.671322	1.210935	1.842273	2.514362	3.172688	3.591085
01/06/2053	0.390029	0.701765	1.247816	1.886082	2.566937	3.235022	3.659802
01/06/2054	0.416833	0.732447	1.2851	1.930439	2.620428	3.298459	3.72972
01/06/2055	0.443735	0.763347	1.322768	1.975358	2.674866	3.363019	3.800847
01/06/2056	0.470721	0.794449	1.360809	2.020856	2.730274	3.428717	3.873185
01/06/2057	0.497782	0.825742	1.399211	2.066955	2.786675	3.495564	3.946729
01/06/2058	0.524918	0.857225	1.437972	2.113679	2.844086	3.563564	4.021472
01/06/2059	0.552137	0.888902	1.477093	2.161057	2.902519	3.632714	4.097397
01/06/2060	0.579459	0.920787	1.516582	2.209117	2.961982	3.703003	4.174483
01/06/2061	0.606911	0.952903	1.556454	2.257893	3.022475	3.774413	4.252702
01/06/2062	0.634534	0.985284	1.596731	2.307415	3.083991	3.846916	4.332017
01/06/2063	0.662379	1.01797	1.63744	2.357714	3.146514	3.920471	4.412382
01/06/2064	0.690505	1.051011	1.678616	2.40882	3.210023	3.99503	4.493741
01/06/2065	0.718982	1.084464	1.720299	2.460759	3.274485	4.070531	4.576026