

Table 3.8: Climate Statistics for July along the Total Eclipse Path

July Climate Statistics	Percent of possible sunshine	Percent Frequency of Sky Condition						Calculated Cloudiness %	July Precip. mm	Ave. no. days with rain	Ave. no. days with tstms	Ave. no. days with snow	Days with fog	Ave. July High (°C)	Ave. July Low (°C)
		Clear	Few	Scattered	Broken	Over-cast	Obscured								
Cook Islands															
Mangaia Island*		0.3	16.7	21.7	45.3	16.0	0.0	63	159	15.3	0.4		25	19	
Rarotonga	52	0.0	13.1	25.9	50.4	10.6	0.0	63	104	16.5	0.3	0.1	25	20	
Mauke		2.2	30.3	15.1	42.1	10.3	0.0	55	115	11.9	0.2		26	21	
Tahiti															
Papeete	68	0.2	38.1	25.1	32.9	3.7	0.0	46	53	7.4	0.4		29	21	
Tuamotu Atoll															
Takaroa	66	0.2	38.7	30.2	26.7	4.1	0.2	44							
Rikitea	45	0.0	26.0	28.0	40.1	5.9	0.0	54							
Hao*		0.4	20.2	36.1	41.8	1.5	0.0	53	76.1	10.2			27	23	
Hereheretue	68	0.4	20.2	36.1	41.8	1.5	0.0	53	72.3	12			27	22	
Austral Islands															
Rapa Iiti	38	0.0	8.1	13.9	57.9	20.1	0.0	73	207				21	16	
Tubuai	51	0.3	19.6	16.8	52.4	10.8	0.0	62	144.9				24	18	
Chile															
Easter Island *	50	0.0	7.4	20.3	57.1	15.2	0.0	70	111	18.1			21	16	
Puerto Natales		0.0	13.9	25.0	41.7	16.7	2.8	65	33	11.4			4	-1	
Argentina															
El Calafate*		7.8	18.8	24.7	34.4	14.3	0.0	55	42	3.6	0	3.4	1	6	-5

* This location is in the path of totality.