

KWAJALEIN ATOLL, Marshall Islands

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
8.720N	167.730E	7	14.69	76.3	88.5	25.1	ENE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	0	0	0	1	1	1	3	6	6	6	2	0

Prevailing Wind #1

DIR	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
%OCC	50	53	54	57	52	46	32	21	19	21	35	49
AVG mph	17.7	17.6	17.0	16.6	15.4	14.7	13.2	11.2	11.3	11.8	14.8	17.6
MED mph	17.8	17.9	17.3	17.0	15.5	14.9	13.4	11.2	11.3	11.8	15.0	17.7

Prevailing Wind #2

DIR	NE	NE	NE	E	E	E	E	E	E	E	E	NE
%OCC	28	26	23	20	23	24	27	19	15	16	19	24
AVG mph	17.2	16.8	16.2	15.1	14.5	13.7	12.8	10.8	10.8	11.2	13.4	17.1
MED mph	17.3	17.1	16.6	15.1	14.5	13.7	12.9	10.8	10.5	11.0	13.3	17.3

Prevailing Wind #3

DIR	E	E	E	NE	NE	NE	ESE	NE	NE	NE	NE	E
%OCC	14	14	16	16	15	14	11	11	10	12	16	17
AVG mph	16.2	16.5	15.6	16.0	14.2	13.1	11.1	9.8	9.8	10.6	13.7	16.3
MED mph	16.3	16.6	15.8	16.4	14.3	13.2	10.9	9.7	9.5	10.5	13.9	16.4

Prevailing Wind #4

DIR	NNE	NNE	ESE	ESE	ESE	ESE	NE	ESE	ESE	ESE	ESE	ESE
%OCC	3	3	3	3	5	8	10	11	10	10	8	4
AVG mph	15.0	14.9	13.0	13.3	12.7	11.4	10.7	9.6	9.4	10.1	11.5	15.3
MED mph	15.4	15.2	12.5	12.8	12.1	11.1	10.5	9.3	9.0	9.7	11.2	15.0