

KAHULUI AP, HI, United States of America

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
20.900N	156.429W	16	101.14	15.1	32.4	12.0	NE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	8	7	6	5	6	3	3	3	5	6	6	7
Prevailing Wind #1												
DIR	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
%OCC	22	27	31	40	37	49	53	50	44	39	35	29
AVG m/s	6.2	6.4	6.7	6.9	6.9	7.3	7.3	7.2	6.8	6.6	6.5	6.4
MED m/s	6.3	6.4	6.9	7.0	6.9	7.3	7.3	7.2	6.8	6.7	6.6	6.6
Prevailing Wind #2												
DIR	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
%OCC	12	15	19	24	22	25	23	22	19	21	21	18
AVG m/s	6.1	6.2	6.6	7.1	6.8	7.2	7.2	7.1	6.7	6.6	6.6	6.5
MED m/s	6.1	6.4	6.9	7.3	7.1	7.5	7.5	7.4	7.0	7.0	6.9	6.9
Prevailing Wind #3												
DIR	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
%OCC	10	11	10	9	11	11	12	13	14	11	9	9
AVG m/s	5.6	5.9	6.0	6.4	6.3	7.2	7.3	7.1	6.6	6.0	5.7	5.6
MED m/s	5.3	5.6	5.6	6.1	6.0	7.3	7.4	7.1	6.6	5.6	5.5	5.3
Prevailing Wind #4												
DIR	SSW	S	N	E	E	E	E	E	E	SE	SE	SE
%OCC	8	6	5	4	4	3	3	3	3	4	5	5
AVG m/s	6.7	4.2	4.6	4.8	4.5	4.9	4.6	4.7	4.2	2.4	2.5	2.6
MED m/s	7.0	2.9	4.5	4.1	3.7	4.2	3.9	4.0	3.1	2.4	2.5	2.5