

VACA KEY, FL, United States of America

Annual Climatic Design Data (2005–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
24.711N	81.107W	10	101.20	12.7	33.2	9.7	NE

Monthly Winds (2005–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	3	12	14	15	13	12	13	13	7	4	2	3

Prevailing Wind #1

DIR	NNE	ESE	E	E	E	ESE	ESE	ESE	E	E	NNE	NE
%OCC	16	13	16	16	20	18	20	19	19	17	19	15
AVG m/s	5.7	3.3	4.3	4.3	4.2	3.0	2.9	2.7	2.9	3.6	5.1	5.1
MED m/s	5.6	3.1	4.4	4.4	4.3	2.8	2.6	2.6	2.7	3.5	5.1	5.0

Prevailing Wind #2

DIR	E	E	ESE	ESE	ESE	E	E	E	ESE	ENE	NE	NNE
%OCC	11	12	12	14	18	18	18	17	15	15	19	13
AVG m/s	4.0	3.8	3.6	3.4	3.4	3.6	3.3	3.2	2.6	5.4	5.7	4.6
MED m/s	3.9	3.9	3.6	3.3	3.2	3.4	3.0	2.9	2.5	5.4	5.6	4.6

Prevailing Wind #3

DIR	ESE	NNE	ENE	SE	SE	SE	SE	SE	ENE	NE	ENE	ESE
%OCC	11	9	10	10	10	10	12	11	13	14	13	13
AVG m/s	3.3	4.6	5.3	2.6	2.3	2.4	2.1	2.1	4.4	6.2	5.4	3.3
MED m/s	3.1	4.3	5.3	2.5	2.3	2.3	1.9	2.0	4.0	6.4	5.2	3.1

Prevailing Wind #4

DIR	NE	NW	NNE	ENE	ENE	SSE	SSE	SSE	NE	ESE	E	E
%OCC	11	8	7	7	8	8	7	8	8	11	11	12
AVG m/s	5.1	6.0	5.0	5.5	5.6	2.1	1.7	2.0	4.8	2.8	4.0	3.8
MED m/s	5.1	5.5	4.9	5.5	5.7	1.9	1.4	1.7	4.6	2.7	4.0	3.9