

CANAVERAL EAST BUOY 41010, United States of America

Annual Climatic Design Data (1994–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
28.878N	78.485W	0	101.33	13.0	29.7	14.3	WNW

Monthly Winds (1994–2018)

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

Prevailing Wind #1

DIR	WNW	S	E	SSE	ESE	S	SSW	S	ENE	ENE	ENE	E
%OCC	9	8	9	11	10	13	16	13	12	15	10	9
AVG m/s	8.6	7.4	6.9	6.7	5.7	5.1	5.4	4.9	6.2	7.4	6.9	6.7
MED m/s	8.7	7.6	6.9	6.7	5.8	5.4	5.6	5.2	6.2	7.6	6.9	6.9

Prevailing Wind #2

DIR	NW	WNW	SSE	S	SE	SSE	S	SSW	E	NE	E	ENE
%OCC	8	8	9	10	10	13	15	12	11	12	9	9
AVG m/s	8.2	8.9	7.0	6.5	5.3	4.9	5.0	5.1	5.5	6.9	6.6	6.9
MED m/s	8.3	9.1	7.2	6.7	5.5	5.2	5.4	5.4	5.7	7.1	6.9	7.1

Prevailing Wind #3

DIR	S	SSE	S	ESE	SSE	SSW	SSE	SSE	SSE	E	NE	ESE
%OCC	7	8	8	9	10	11	13	11	10	10	9	8
AVG m/s	7.4	6.7	7.2	5.9	5.2	5.3	4.7	4.9	5.2	6.9	7.0	6.2
MED m/s	7.5	6.8	7.4	6.2	5.6	5.4	5.1	5.0	5.3	6.9	7.0	6.3

Prevailing Wind #4

DIR	NNW	NW	SE	SE	E	SE	SW	SW	SE	NNE	NNE	SE
%OCC	7	8	8	9	10	10	13	9	10	9	8	7
AVG m/s	7.3	8.5	6.6	6.1	5.9	4.8	5.7	5.3	5.1	6.3	6.6	6.2
MED m/s	7.4	8.6	6.8	6.3	6.2	5.1	5.8	5.5	5.3	6.7	6.7	6.3