

PENSACOLA BUOY 42039, United States of America

Annual Climatic Design Data (2002–2018)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
28.788N	86.008W	0	14.70	46.4	86.9	30.8	NNW

Monthly Winds (2002–2018)

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

Prevailing Wind #1

DIR	N	SE	ESE	ESE	ESE	WSW	WSW	WSW	ENE	ENE	E	ESE
%OCC	10	10	12	13	13	9	11	10	16	13	11	10
AVG mph	17.8	14.4	13.4	13.1	12.4	9.2	10.0	9.4	14.6	15.5	16.1	15.5
MED mph	18.1	15.4	13.6	13.0	13.0	8.0	11.1	8.1	14.9	15.7	16.3	15.6

Prevailing Wind #2

DIR	NNE	SSE	SE	SE	E	ESE	W	W	E	E	NNE	SE
%OCC	9	10	12	12	12	8	10	9	16	13	10	9
AVG mph	16.1	13.8	13.6	12.2	12.4	10.2	10.5	9.6	14.0	14.9	15.0	16.0
MED mph	15.7	14.1	13.8	12.6	13.0	8.9	11.3	7.9	14.1	15.5	14.7	16.2

Prevailing Wind #3

DIR	ESE	ESE	E	E	SE	SE	SW	SW	ESE	NE	ENE	E
%OCC	9	9	11	10	11	8	9	9	10	11	10	9
AVG mph	15.2	13.1	13.4	12.8	11.4	9.8	9.2	9.7	13.9	13.9	15.8	15.5
MED mph	15.5	13.5	13.7	12.6	12.0	8.5	7.9	7.9	13.5	14.1	16.4	15.1

Prevailing Wind #4

DIR	NNW	NNW	SSE	SSE	SSE	SW	SSW	E	NE	NNE	NE	NNE
%OCC	8	9	8	9	9	8	8	8	10	10	10	9
AVG mph	18.3	16.9	13.6	12.5	10.9	9.0	8.6	12.4	13.5	13.3	14.5	15.4
MED mph	18.6	17.1	13.5	12.9	11.7	7.8	7.1	12.5	13.8	13.4	14.8	15.6