

PENSACOLA HARBOR, 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
30.4035N	87.2112W	3	101.29	-0.5	33.7	7.3	SSE

Monthly Winds (2005–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	5	6	7	5	2	2	3	3	3	3	4	6

Prevailing Wind #1

DIR	N	N	S	SSE	SSE	S	S	S	N	N	N	N
%OCC	16	14	11	17	17	16	15	11	11	17	17	16
AVG m/s	3.1	3.2	3.0	3.2	3.5	3.5	3.3	3.1	2.4	2.9	3.0	2.9
MED m/s	2.8	3.0	2.7	2.8	3.0	3.1	3.0	2.8	2.2	2.7	2.7	2.7

Prevailing Wind #2

DIR	NNW	NNW	N	S	S	SSW	SSE	N	NNE	NNE	NNE	NNE
%OCC	16	10	10	16	16	13	11	9	11	13	14	12
AVG m/s	3.3	3.2	3.1	3.7	3.4	3.6	2.8	2.0	2.3	2.6	2.6	2.4
MED m/s	3.0	2.9	2.8	3.4	3.1	3.3	2.5	1.9	2.2	2.4	2.4	2.3

Prevailing Wind #3

DIR	NNE	S	SSE	SE	SE	SSE	SSW	NW	S	NNW	NNW	NNW
%OCC	10	9	10	9	10	10	10	8	10	11	12	10
AVG m/s	2.5	3.0	3.2	2.3	2.4	3.2	3.7	2.0	3.0	2.9	3.1	3.1
MED m/s	2.3	2.6	2.7	1.9	2.0	2.7	3.1	1.8	2.8	2.7	2.8	2.7

Prevailing Wind #4

DIR	NE	NNE	NNW	N	SSW	SW	SW	SSE	SSE	S	NE	NE
%OCC	6	9	8	7	9	10	8	8	9	8	8	9
AVG m/s	2.1	2.7	3.3	2.8	3.7	3.3	3.4	2.5	2.6	3.2	2.3	1.8
MED m/s	1.9	2.5	3.0	2.6	3.6	2.9	3.0	2.4	2.3	2.8	2.1	1.7