

LUKE OFFSHORE BUOY 42040, 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
29.208N	88.226W	0	14.70	43.8	87.5	32.1	N

Monthly Winds (2002–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	0	1	1	1	1	1	2	3	2	1	1	0

Prevailing Wind #1

DIR	NNE	SE	SE	SE	SE	S	WSW	WSW	E	NNE	NNE	SE
%OCC	12	11	13	15	15	10	11	9	15	13	11	12
AVG mph	17.5	14.5	14.7	14.1	12.4	10.7	11.4	10.3	14.5	14.9	17.4	16.3
MED mph	17.7	14.6	14.7	14.7	12.7	11.0	12.1	11.0	14.4	15.5	17.2	16.7

Prevailing Wind #2

DIR	N	NNE	ESE	ESE	ESE	SE	W	SW	ENE	NE	N	NNE
%OCC	11	10	10	14	14	10	11	9	14	12	10	11
AVG mph	19.2	16.8	15.2	14.4	12.5	10.6	11.1	10.6	14.6	13.8	18.2	16.1
MED mph	19.3	17.2	15.3	14.6	12.9	11.2	11.9	11.2	14.6	14.0	18.6	16.6

Prevailing Wind #3

DIR	NE	N	SSE	SSE	SSE	SSE	SW	W	ESE	E	E	N
%OCC	8	9	10	11	12	10	9	8	11	12	10	9
AVG mph	15.0	17.3	12.9	14.0	12.0	10.7	10.0	10.0	13.9	15.3	15.7	17.0
MED mph	15.4	18.1	13.4	14.0	12.4	11.3	8.7	8.5	13.6	15.5	15.8	17.7

Prevailing Wind #4

DIR	ESE	SSE	E	E	E	ESE	SSW	ESE	NE	ENE	NE	NE
%OCC	8	9	8	7	9	9	7	8	10	11	9	8
AVG mph	16.3	14.9	13.6	13.5	11.5	11.2	9.4	11.4	13.4	14.2	15.4	14.8
MED mph	16.7	14.6	14.3	13.8	12.0	11.7	8.1	11.7	13.5	14.1	15.6	15.1