

YUCATAN BASIN BUOY 42056, Mexico

Annual Climatic Design Data (2005–2018)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
19.820N	84.945W	0	14.70	71.4	86.3	28.5	NNE

Monthly Winds (2005–2018)

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

Prevailing Wind #1

DIR	ENE	E	E	ESE	E	E	E	E	E	E	ENE	ENE
%OCC	19	25	22	26	29	28	34	26	25	18	28	22
AVG mph	17.0	15.9	15.5	15.7	14.5	14.1	13.4	11.9	11.7	14.0	17.2	16.0
MED mph	17.2	16.2	15.8	15.9	14.5	14.2	13.4	11.9	11.5	13.7	17.3	16.5

Prevailing Wind #2

DIR	E	ESE	ESE	E	ESE	ESE	ENE	ENE	ESE	ENE	NE	E
%OCC	19	19	19	25	27	24	24	21	22	17	21	21
AVG mph	16.7	15.1	15.6	15.6	14.8	15.6	12.7	11.7	12.3	14.4	17.4	16.6
MED mph	17.0	15.3	15.9	15.5	14.9	15.4	12.7	11.9	11.9	13.9	17.4	17.2

Prevailing Wind #3

DIR	NE	ENE	ENE	SE	ENE	ENE	ESE	ESE	ENE	ESE	E	NE
%OCC	17	17	17	19	15	18	21	21	18	14	16	17
AVG mph	18.4	16.5	15.7	18.0	13.3	13.3	14.0	12.8	11.3	14.0	15.7	16.2
MED mph	18.5	16.6	15.9	18.6	13.4	13.3	13.9	12.7	11.4	14.1	15.7	16.3

Prevailing Wind #4

DIR	ESE	SE	SE	ENE	SE	SE	NE	SE	SE	NE	NNE	ESE
%OCC	14	10	11	12	14	14	8	11	12	13	14	13
AVG mph	15.5	15.4	16.6	13.8	16.3	17.2	11.6	13.4	13.2	15.7	18.3	16.1
MED mph	15.7	15.6	16.8	14.0	15.8	17.5	11.5	13.1	13.5	15.3	18.2	16.3