

WEST GULF BUOY 42002, 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
26.055N	93.646W	0	101.33	14.1	30.5	14.7	N

Monthly Winds (1994–2018)

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

Prevailing Wind #1

DIR	SSE	SE	SE	SE	SE	SE	SE	SE	ENE	E	SE	SE
%OCC	14	17	24	25	31	29	26	17	14	14	14	13
AVG m/s	7.5	7.4	7.9	7.9	7.7	6.8	5.7	5.4	5.6	6.5	7.2	7.7
MED m/s	7.8	7.4	7.9	8.1	7.8	7.0	5.9	5.6	5.9	6.8	7.5	7.8

Prevailing Wind #2

DIR	SE	SSE	ESE	ESE	ESE	ESE	SSE	ESE	E	ESE	ESE	SSE
%OCC	14	16	17	20	26	23	19	16	14	13	11	13
AVG m/s	7.5	7.8	7.2	7.4	7.1	6.2	5.6	5.2	5.4	6.7	6.4	8.2
MED m/s	7.7	7.9	7.4	7.5	7.2	6.4	5.7	5.4	5.5	6.7	6.5	8.3

Prevailing Wind #3

DIR	NNE	ESE	SSE	E	E	SSE	ESE	SSE	ESE	SE	SSE	NE
%OCC	9	10	11	11	11	14	18	14	12	13	11	9
AVG m/s	9.1	6.5	7.5	6.3	6.0	6.3	5.6	5.3	5.3	6.7	7.5	7.5
MED m/s	9.1	6.7	7.5	6.6	6.3	6.4	5.7	5.6	5.5	6.8	7.6	7.7

Prevailing Wind #4

DIR	N	NE	E	SSE	SSE	E	E	E	NE	ENE	NE	NNE
%OCC	9	9	10	10	11	10	9	12	11	13	10	8
AVG m/s	9.4	7.8	6.2	7.3	7.0	5.2	4.7	4.9	6.0	6.9	7.4	8.2
MED m/s	9.3	8.0	6.4	7.5	7.1	5.5	5.0	5.1	6.2	7.1	7.4	8.3