

DUCK PIER, NC, United States of America

Annual Climatic Design Data (2002–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
36.184N	75.746W	7	101.24	-4.2	31.4	16.3	N

Monthly Winds (2002–2019)

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

Prevailing Wind #1

DIR	NNW	N	NNE	NNE	SW	SW	SW	SW	NE	NNE	NNE	NNE
%OCC	11	13	14	11	12	14	17	10	17	13	12	10
AVG m/s	8.7	8.4	8.5	8.1	6.8	6.5	6.1	5.4	7.7	8.4	8.6	7.5
MED m/s	8.6	8.0	8.2	7.9	6.4	6.4	6.0	5.3	7.7	8.2	8.5	7.5

Prevailing Wind #2

DIR	N	NNE	N	SSW	SSW	SSW	SSW	NNE	NNE	NE	N	NW
%OCC	11	12	11	11	11	11	12	9	14	10	11	9
AVG m/s	8.9	7.5	9.1	7.0	6.9	6.4	5.9	6.1	8.0	7.5	8.7	6.3
MED m/s	8.7	7.4	8.6	7.1	6.5	6.2	5.8	5.8	7.8	7.3	8.6	6.0

Prevailing Wind #3

DIR	NW	SSW	SSW	SW	NNE	WSW	WSW	NE	ENE	NW	NNW	WNW
%OCC	10	8	9	10	9	11	11	9	11	8	8	9
AVG m/s	7.0	6.3	7.3	6.4	8.9	6.0	5.8	5.7	6.2	6.2	8.2	6.2
MED m/s	6.8	6.2	7.0	6.4	8.1	5.8	5.6	5.4	5.7	5.9	8.2	5.8

Prevailing Wind #4

DIR	SW	SW	SW	N	SE	SE	SE	SE	N	SW	SSW	SW
%OCC	9	8	7	9	8	7	8	9	6	7	8	8
AVG m/s	5.5	5.6	6.4	8.2	5.2	5.4	4.9	4.9	7.8	5.4	5.5	5.3
MED m/s	5.2	5.4	6.0	8.0	4.9	4.9	4.8	4.8	7.4	5.0	5.3	4.9