

ATLANTIC CITY BOARDWALK, NJ, United States of America

Annual Climatic Design Data (2004–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
39.357N	74.418W	10	101.20	-9.9	30.1	10.9	NE

Monthly Winds (2004–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	60	59	49	46	51	54	60	54	54	46	46	53

Prevailing Wind #1

DIR	W	SSW	WNW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	W
%OCC	6	5	7	8	7	8	8	7	6	9	7	10
AVG m/s	5.3	5.5	6.1	5.7	4.5	4.7	4.6	4.8	4.9	4.2	3.9	5.6
MED m/s	5.2	5.4	6.1	5.5	4.7	4.9	4.7	4.9	4.9	4.3	4.1	5.4

Prevailing Wind #2

DIR	WSW	SW	W	NE	S	SW	SW	SW	NE	NE	WNW	WNW
%OCC	5	5	5	8	5	7	7	7	5	6	6	8
AVG m/s	5.5	4.0	6.1	6.8	4.7	3.7	3.5	3.6	5.5	7.1	5.5	5.9
MED m/s	5.5	3.8	5.6	6.8	4.9	3.5	3.1	3.1	5.4	7.3	5.7	5.8

Prevailing Wind #3

DIR	WNW	W	SSW	SW	SW	S	S	SSE	S	SSW	W	WSW
%OCC	4	5	4	7	5	5	5	4	4	5	5	6
AVG m/s	6.0	6.6	5.2	4.5	3.5	4.4	4.3	4.0	4.4	5.0	5.2	5.1
MED m/s	5.9	6.3	5.1	4.5	3.0	4.6	4.5	4.2	4.5	5.1	5.1	5.2

Prevailing Wind #4

DIR	SW	WNW	NE	WSW	NE	NE	SSE	S	SW	WSW	SSW	SW
%OCC	4	4	4	5	5	5	3	4	3	5	5	6
AVG m/s	3.7	6.6	6.0	6.5	6.4	5.1	3.1	4.1	3.5	5.3	5.2	4.2
MED m/s	3.1	6.5	5.7	6.2	6.4	5.3	2.8	4.4	2.9	5.3	5.3	4.2