

DUNKIRK LH, NY, United States of America**Annual Climatic Design Data (1994–2019)**

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
42.4939N	79.3540W	183	99.15	-14.2	27.7	19.4	WSW

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	SW	WSW	SW	SW	SW	SW	WSW	SSE	SSE	SSE	SSE	SW
%OCC	15	18	16	16	19	19	18	14	16	13	12	14
AVG m/s	9.1	10.0	7.7	8.0	7.0	5.7	6.1	3.4	3.9	4.3	5.0	8.9
MED m/s	8.3	9.2	7.2	7.5	6.4	5.2	5.7	3.1	3.8	4.0	4.3	8.3

Prevailing Wind #2

DIR	WSW	SW	WSW	WSW	WSW	WSW	SW	WSW	S	SW	SW	W
%OCC	12	16	15	16	16	16	14	13	10	10	11	11
AVG m/s	12.1	7.8	8.6	8.7	7.4	6.1	5.5	5.8	3.0	6.8	8.2	10.8
MED m/s	11.7	7.1	8.0	8.3	7.0	5.6	5.0	5.3	2.8	6.2	7.5	10.7

Prevailing Wind #3

DIR	W	W	NE	NE	SSE	SSE	SSE	S	WSW	S	W	SSW
%OCC	11	9	9	10	9	10	11	10	9	9	10	10
AVG m/s	11.1	9.5	7.4	6.7	4.4	3.5	3.2	2.7	6.5	3.4	10.8	4.6
MED m/s	11.0	8.9	6.9	6.5	3.9	3.2	3.0	2.6	5.9	2.9	10.8	4.3

Prevailing Wind #4

DIR	SSW	NE	W	SSE	NE	SSW	S	SW	SSW	W	SSW	SSE
%OCC	10	7	8	8	8	8	9	9	8	8	10	9
AVG m/s	4.8	6.7	7.8	5.5	6.0	2.9	2.6	5.3	3.2	8.2	4.3	4.8
MED m/s	4.4	6.6	7.3	4.9	5.3	2.6	2.6	4.5	2.8	7.7	4.1	4.2