

CELTIC SEA BUOY 62023, Ireland

Annual Climatic Design Data (2002–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
51.400N	7.920W	0	101.33	3.2	21.2	21.9	W

Monthly Winds (2002–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	0	1	1	1	3	1	1	1	1	2	0	0
Prevailing Wind #1												
DIR	W	W	W	W	W	W	W	W	W	WSW	W	W
%OCC	16	12	11	12	15	17	22	18	17	13	13	15
AVG m/s	13.1	12.0	10.3	9.5	10.2	9.5	8.8	8.9	9.9	11.1	11.8	13.5
MED m/s	12.7	11.5	9.8	9.1	10.2	9.1	8.8	8.9	9.9	11.2	11.6	13.1
Prevailing Wind #2												
DIR	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	WSW	WSW
%OCC	14	10	9	10	13	14	16	12	14	12	12	11
AVG m/s	13.3	10.8	9.9	9.3	10.4	9.4	9.0	8.8	10.2	10.7	12.2	13.6
MED m/s	12.9	10.0	9.4	8.9	10.5	9.5	8.8	8.8	10.0	10.6	12.1	13.7
Prevailing Wind #3												
DIR	SW	SW	E	ENE	SW	SSW	SSW	WNW	ENE	SW	SSW	WNW
%OCC	10	9	9	8	7	9	9	8	8	8	10	11
AVG m/s	13.1	11.7	8.3	7.9	9.7	8.5	8.8	7.3	6.5	11.6	12.4	9.4
MED m/s	12.6	11.3	8.0	7.3	9.4	8.1	8.8	7.1	6.8	11.4	12.0	9.0
Prevailing Wind #4												
DIR	SSW	SSW	ENE	SSW	SSW	SW	WNW	NNW	S	SSW	WNW	SW
%OCC	9	8	8	8	7	8	9	8	7	8	9	9
AVG m/s	12.8	12.0	8.4	10.2	9.2	8.7	7.2	7.6	8.4	11.6	8.3	13.2
MED m/s	12.6	12.0	7.9	9.7	8.7	8.8	6.9	7.7	8.4	11.3	7.4	13.4