

COMMUNICATIONS OF THE
DUBLIN INSTITUTE FOR ADVANCED STUDIES
Series D, Geophysical Bulletin No. 37

THE CLIMATE OF DUBLIN CITY
TEMPERATURE, RAINFALL, SUNSHINE AND WIND
AT MERRION SQUARE, DUBLIN.

1951 to 1985

by

KEVIN BOLSTER

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Introduction

Meteorological observations have been made at the School of Cosmic Physics, Dublin Institute for Advanced Studies since 1948. The readings of temperature and rainfall are made at Leinster Lawn which lies about 250 metres to the southwest of the observatory at 5, Merrion Square where the sunshine and wind are recorded.

Bulletins No. 12 (1956) and No. 23 (1964) of the series, consisting of 50 years of rainfall and 60 years of temperature data, related to the nearby station at Trinity College. Observations at that site were discontinued in 1971 and the station closed, making way for new buildings in the immediate area. The site at Leinster Lawn has a better exposure and at 5, Merrion Square the tower of the observatory has an unobstructed exposure.

Notes on the Tables

The monthly and annual means of temperature in Table 2 are derived from daily readings of the maximum and minimum thermometers.

Maximum temperatures are read one day later than the dates given in Table 3, e.g. the entry 14.4° C for 16th January 1951 is the reading made on the morning of 17th January. Similarly the rainfall amounts shown in Table 5 are entered to the day preceding that on which the measurement is made.

Prior to 1st January 1968 temperatures were read in degrees Fahrenheit but all values given in the tables of temperature are in degrees Celsius.

Prior to 1st January 1972 wind speeds were measured in m.p.h. but all values given in Table 9 are in knots (1 m.p.h. = 0.8684 knots).

In Tables 3, 4, 5, 8 and 9 where the extreme value occurred on more than one day the earliest date only is given.

In Table 6 all values are rounded off to the nearest millimetre.

In Table 7 all values are rounded off to the nearest hour.

June 1987

School of Cosmic Physics,
5, Merrion Square,
Dublin 2.

The 30-year period 1951 to 1980 is the most recent period available for the computation of climatological normals.

Averages of air temperature ($^{\circ}\text{C}$) at Leinster Lawn, Dublin: 1951 to 1980.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Mean daily Max.	8.0	8.1	9.9	12.2	15.1	18.2	19.5	19.1	17.1	14.2	10.6	9.1	13.4
Mean daily Min.	3.3	3.3	4.3	5.9	8.3	11.2	12.8	12.6	11.0	8.9	5.6	4.4	7.6
Mean	5.7	5.7	7.1	9.1	11.7	14.7	16.2	15.9	14.1	11.6	8.1	6.8	10.5

Averages of rainfall (in millimetres) at Leinster Lawn, Dublin: 1951 to 1980

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	65	51	48	46	56	51	52	68	67	62	68	76	710

Averages of Rain-days (0.2 mm or more) and Wet-days (1.0 mm or more)
at Leinster Lawn, Dublin: 1951 to 1980

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Rain-days	17	15	15	14	15	13	14	16	16	16	16	18	185
Wet-days	11	10	10	10	11	10	10	11	10	10	11	13	127

Averages of duration of bright sunshine (in hours) at Merrion Square, Dublin: 1951 to 1980

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Daily Mean	1.68	2.34	3.26	4.92	5.85	6.05	4.82	4.82	4.03	3.02	2.10	1.50	3.70
Monthly Mean	52	66	101	148	180	181	150	149	121	94	63	47	1352

Table 1

Table 2 : Temperature at Leinster Lawn, Dublin.
 Monthly and annual values of mean air temperature ($^{\circ}\text{C}$)
 for the years 1951 - 1985.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	$^{\circ}\text{C}$												
1951	5.4	4.1	5.6	7.5	9.9	14.5	16.7	15.0	14.5	11.9	9.1	7.0	10.1
1952	4.2	5.4	7.8	9.8	12.9	14.7	16.6	16.1	11.7	10.0	6.6	5.3	10.1
1953	6.2	6.6	6.6	8.2	13.2	14.4	15.7	16.1	14.5	11.1	9.6	8.7	10.9
1954	5.7	5.3	7.1	9.3	11.6	13.8	14.9	14.8	13.1	12.8	7.7	8.1	10.3
1955	5.1	3.3	5.1	10.8	10.7	14.0	17.5	17.9	15.3	10.3	9.2	8.1	10.6
1956	5.2	3.4	7.9	8.8	12.9	14.2	15.9	14.2	14.5	10.8	8.1	8.2	10.3
1957	7.3	6.3	10.6	9.6	11.7	15.2	16.3	15.8	13.3	11.7	8.1	6.9	11.1
1958	5.7	6.5	5.4	9.1	11.3	14.1	15.8	15.9	15.2	11.8	9.1	6.5	10.6
1959	3.7	7.3	8.6	10.0	12.8	15.4	17.4	17.3	15.1	12.9	8.4	7.2	11.3
1960	6.1	5.1	7.6	10.3	13.7	16.2	15.9	15.4	13.7	10.9	8.2	5.0	10.7
1961	5.5	8.8	9.9	10.5	12.0	15.1	15.3	15.8	14.9	10.8	8.1	4.8	10.9
1962	6.3	6.6	4.5	8.7	11.3	14.1	14.9	15.1	12.9	11.4	7.6	5.6	9.9
1963	1.6	2.6	7.8	9.2	11.0	14.4	15.3	14.9	13.2	12.2	8.6	5.8	9.7
1964	7.1	6.2	6.4	9.6	13.4	14.3	16.4	15.6	14.8	9.9	9.2	5.7	10.7
1965	4.9	4.9	7.1	9.5	12.3	15.1	14.3	15.6	12.7	12.0	6.2	6.2	10.1
1966	5.8	7.2	8.5	8.2	12.3	15.7	15.8	15.3	14.9	10.1	6.7	7.0	10.6
1967	6.4	6.7	8.0	9.7	10.0	15.3	16.8	15.4	13.9	11.0	6.9	6.4	10.6
1968	6.8	3.9	7.7	8.5	10.5	15.0	15.3	15.9	14.2	13.4	8.7	5.9	10.5
1969	6.5	2.7	5.2	8.7	11.5	14.4	17.1	16.3	14.1	13.9	5.9	5.6	10.2
1970	5.7	4.6	5.9	8.1	13.4	16.2	16.0	15.8	14.6	11.8	8.6	6.3	10.6
1971	6.7	6.9	6.8	8.6	11.7	13.3	16.8	15.9	15.4	13.4	7.9	8.6	11.0
1972	5.6	6.1	7.1	9.5	11.1	12.5	15.9	15.1	12.7	11.9	7.6	7.9	10.3
1973	7.2	6.1	7.5	8.2	11.5	15.7	15.9	16.1	14.4	10.8	8.1	6.7	10.7
1974	7.7	6.8	7.0	8.8	11.4	13.8	15.7	15.5	12.3	8.9	7.5	9.2	10.4
1975	7.8	6.9	6.3	9.5	10.4	15.3	17.6	17.5	13.4	11.9	8.5	6.9	11.0
1976	7.4	7.0	7.0	9.2	12.1	17.2	17.2	17.0	13.6	10.5	7.5	4.1	10.8
1977	4.3	6.4	8.4	8.5	11.3	13.5	16.5	15.9	14.2	13.0	6.7	8.0	10.6
1978	5.1	4.9	7.8	7.7	12.3	13.9	15.4	15.6	15.1	13.0	10.2	6.4	10.6
1979	3.0	4.0	5.6	8.1	10.0	14.6	16.8	15.3	13.9	12.0	8.9	6.4	9.9
1980	4.8	7.2	6.4	9.7	11.7	14.1	14.9	16.0	15.0	10.0	8.6	7.3	10.5
1981	7.1	5.6	9.3	8.5	11.7	14.2	15.8	16.9	15.1	8.4	9.3	3.9	10.5
1982	5.4	7.1	7.2	10.0	11.9	14.9	16.5	16.0	14.4	11.2	8.3	6.0	10.7
1983	7.4	4.3	8.5	7.3	10.4	14.6	18.5	17.7	14.4	11.6	9.5	8.2	11.0
1984	4.9	6.4	6.2	9.7	10.9	15.3	17.3	17.4	14.2	11.8	8.3	7.0	10.8
1985	3.8	5.6	6.5	9.8	11.2	13.1	16.4	14.7	15.4	11.8	6.0	7.7	10.2

Table 3 : The highest air temperature and date of occurrence for each

Year	Jan.		Feb.		Mar.		Apr.		May		June	
	°C	Date										
1951	14.4	16	13.3	1	15.6	22	16.7	24	19.4	12	22.2	30
1952	12.2	6	11.1	17	15.0	8	17.8	18	23.3	17	25.0	29
1953	12.8	29	16.1	26	18.3	25	17.8	23	21.1	5	23.9	25
1954	14.4	20	14.4	21	15.0	20	16.7	15	18.3	25	22.2	17
1955	13.3	21	13.3	7	12.8	16	19.4	20	20.0	31	21.1	22
1956	12.8	27	12.8	29	13.9	6	17.2	30	21.7	30	24.4	11
1957	15.0	5	12.2	4	18.3	12	16.1	4	20.0	30	23.9	21
1958	13.9	27	14.4	14	16.1	30	17.8	30	22.2	2	21.7	13
1959	12.2	18	13.9	24	16.1	31	15.6	12	21.1	12	22.8	12
1960	14.4	22	15.0	28	13.9	3	16.1	21	22.2	26	26.1	17
1961	13.3	26	16.1	12	17.2	5	17.2	11	21.7	13	24.4	30
1962	12.8	31	12.2	4	14.4	29	17.8	25	20.6	6	23.9	8
1963	5.0	27	8.9	27	14.4	15	19.4	26	18.9	16	23.9	11
1964	12.8	4	13.3	27	12.8	23	16.7	26	21.1	16	22.8	26
1965	12.8	13	11.1	12	22.2	28	16.1	2	22.2	13	21.7	14
1966	13.3	29	13.9	5	13.9	19	18.9	29	21.7	31	23.9	3
1967	13.3	27	13.3	2	16.7	21	20.0	28	18.3	31	23.9	28
1968	14.5	30	9.0	29	16.4	28	17.0	23	21.6	30	22.7	30
1969	13.5	21	9.3	11	12.2	29	18.4	8	19.4	10	22.9	26
1970	12.7	21	12.5	1	14.5	20	17.3	17	21.3	31	24.7	10
1971	15.1	10	11.7	19	13.8	24	16.2	21	20.1	10	21.2	25
1972	12.3	23	10.5	28	14.5	24	18.2	1	18.4	24	18.6	16
1973	13.3	24	12.5	20	16.9	22	15.7	15	21.3	26	24.2	18
1974	13.4	14	12.6	8	15.2	31	13.7	16	18.6	21	21.5	11
1975	13.1	13	12.6	1	13.2	6	17.6	25	18.5	20	23.2	11
1976	13.8	2	14.0	9	14.0	31	15.4	16	19.6	22	24.8	30
1977	11.4	4	11.8	9	18.2	2	16.8	21	19.0	28	23.4	23
1978	11.5	23	12.9	24	15.9	10	14.9	22	22.7	29	24.3	1
1979	11.8	15	10.8	26	13.4	2	14.4	13	21.9	14	24.5	19
1980	13.0	3	13.0	14	15.5	31	18.0	18	19.4	16	22.5	3
1981	12.8	23	13.4	7	16.4	24	16.5	29	19.5	12	23.6	13
1982	13.6	2	14.6	28	16.2	25	17.0	22	21.4	29	23.6	4
1983	15.0	26	11.4	26	14.7	18	14.0	14	16.3	25	21.9	25
1984	13.4	12	13.9	4	12.2	4	19.1	20	19.0	30	23.1	12
1985	13.5	30	12.6	24	15.5	31	18.0	16	19.8	17	20.6	28

month of the period 1951 - 1985 recorded at Leinster Lawn, Dublin.

July		Aug.		Sept.		Oct.		Nov.		Dec.		Year	
°C	Date	°C	Date	°C	Date	°C	Date	°C	Date	°C	Date	°C	Date
23.9	16	22.8	3	20.6	4	21.1	16	14.4	16	15.0	15	23.9	July 16
24.4	21	22.8	12	20.6	3	15.6	27	15.0	2	13.9	8	25.0	July 29
22.2	4	24.4	3	24.4	6	20.6	1	15.6	14	16.1	2	24.4	Aug. 3
21.7	20	25.0	31	20.0	1	20.0	18	16.1	11	16.1	2	25.0	Aug. 31
25.6	13	25.6	24	22.8	1	19.4	11	14.4	7	14.4	6	25.6	July 13
24.4	24	21.7	16	21.7	13	17.2	22	14.4	8	14.4	6	24.4	June 11
23.3	22	21.7	4	20.6	6	17.2	8	15.0	21	13.9	19	23.9	June 21
26.1	5	21.7	4	21.1	14	18.3	14	15.6	2	13.3	27	26.1	July 5
26.7	25	25.6	23	22.2	11	21.7	3	15.6	23	13.9	29	26.7	July 25
22.2	3	22.2	23	23.3	10	16.7	3	15.6	30	12.2	2	26.1	June 17
22.2	30	23.9	28	21.7	1	17.8	9	16.1	1	14.4	10	24.4	June 30
22.2	29	20.6	19	20.0	2	17.8	6	13.3	23	13.3	7	23.9	June 8
25.0	30	21.7	1	21.7	15	17.8	11	13.9	11	12.2	27	25.0	July 30
22.8	24	23.3	3	21.7	10	17.2	18	15.6	13	13.9	7	23.3	Aug. 3
20.6	1	22.2	18	21.7	15	16.7	26	13.9	8	14.4	17	22.2	May 13
23.3	21	23.3	16	22.2	5	16.7	7	12.8	13	13.9	15	23.9	June 3
23.3	10	22.2	25	18.9	1	18.9	6	13.9	11	14.4	22	23.9	June 28
22.8	20	23.7	22	21.2	10	20.3	3	15.4	25	12.5	3	23.7	Aug. 22
25.8	21	25.1	8	21.8	23	20.8	8	17.6	2	13.6	21	25.8	July 21
23.9	12	23.5	12	21.1	6	18.4	31	15.5	1	14.7	19	24.7	June 10
24.5	8	22.0	2	22.0	6	21.2	22	17.0	3	15.2	20	24.5	July 8
22.6	17	22.0	23	21.9	2	18.2	9	16.9	6	15.0	14	22.6	July 17
24.1	5	23.5	13	23.8	6	16.9	8	15.6	4	13.1	29	24.2	June 18
22.8	21	22.2	5	18.1	10	13.6	8	14.4	8	14.6	27	22.8	July 21
24.9	28	25.4	5	20.0	2	18.0	24	14.6	15	12.1	30	25.4	Aug. 5
27.2	2	24.0	26	20.5	1	18.4	5	13.4	26	9.5	22	27.2	July 2
23.9	22	23.4	1	23.1	11	18.4	17	16.5	9	15.2	23	23.9	July 22
22.4	29	23.3	21	23.3	10	18.8	11	17.9	4	14.9	10	24.3	June 1
25.2	27	23.8	12	22.5	4	19.0	7	18.6	28	15.0	4	25.2	July 27
21.4	31	23.1	20	21.7	2	17.9	3	15.8	19	14.1	12	23.1	Aug. 20
25.0	27	24.5	25	24.0	3	16.4	8	16.6	1	11.2	3	25.0	July 27
22.7	7	24.0	8	21.6	9	18.6	1	15.4	11	13.6	15	24.0	Aug. 8
29.1	15	26.9	14	21.1	2	20.6	1	16.1	25	14.7	3	29.1	July 15
26.3	6	24.4	30	23.1	1	19.6	14	15.4	1	14.2	23	26.3	July 6
25.1	2	21.8	18	25.1	30	21.6	1	15.5	8	16.6	2	25.1	July 2

Table 4 : The lowest air temperature and date of occurrence

Year	Jan.		Feb.		Mar.		Apr.		May		June	
	°C	Date	°C	Date	°C	Date	°C	Date	°C	Date	°C	Date
1951	-2.2	3	-1.7	3	-2.2	11	1.1	2	3.3	8	7.8	1
1952	-3.3	27	-2.2	12	0.6	26	-0.6	1	5.6	7	6.1	3
1953	-1.1	2	-1.1	5	-2.2	6	1.1	3	2.8	1	6.1	3
1954	-1.7	7	-2.2	6	-2.2	2	1.1	6	3.9	1	7.8	12
1955	-3.9	19	-3.3	18	-0.6	14	0.0	1	2.2	18	6.1	10
1956	-3.3	9	-5.0	2	1.1	14	1.7	19	3.3	19	5.6	14
1957	0.6	25	-3.3	20	3.9	24	1.7	12	2.2	6	4.4	10
1958	-5.0	22	-0.6	6	-3.3	10	0.0	4	3.9	13	7.8	23
1959	-3.3	16	-0.6	2	1.7	13	2.2	29	2.8	4	8.3	1
1960	0.6	20	-2.8	14	1.7	9	2.8	16	6.1	1	8.3	30
1961	-1.7	15	1.1	3	1.7	27	3.3	16	4.4	28	6.1	1
1962	-5.6	2	-1.1	27	-4.4	4	2.2	1	3.9	25	4.4	1
1963	-5.0	23	-3.3	3	0.0	23	0.0	12	3.3	2	8.3	23
1964	0.0	14	-2.8	6	1.1	4	0.6	5	6.7	14	6.1	20
1965	-2.8	5	-2.8	3	-3.9	2	2.2	21	3.9	19	6.1	2
1966	-0.6	15	1.1	15	-1.1	25	-0.6	3	5.0	7	10.6	28
1967	-0.6	9	1.1	23	0.6	30	1.7	1	1.1	3	7.2	23
1968	-0.1	10	-1.9	6	0.9	8	-0.9	2	3.4	7	7.4	9
1969	-4.3	6	-4.6	17	-1.0	7	1.5	2	4.2	19	6.6	5
1970	-4.1	7	-1.6	14	-1.1	3	-0.9	1	8.5	9	10.2	29
1971	-2.1	31	-1.5	2	1.0	16	3.0	17	3.7	1	6.1	15
1972	-5.3	31	-2.8	1	0.9	4	3.9	9	5.3	16	6.4	8
1973	-3.6	18	-1.8	16	-0.5	10	-0.5	9	2.2	1	6.2	1
1974	1.1	29	0.5	5	-0.1	3	3.4	15	4.2	7	5.9	10
1975	0.4	9	1.1	4	-1.1	28	-0.6	9	4.1	11	4.2	3
1976	-0.5	25	1.3	3	-1.6	9	1.6	2	3.9	13	8.4	2
1977	-3.8	13	0.1	1	0.6	28	-0.6	8	3.3	13	6.1	11
1978	-0.7	30	-3.0	13	0.4	16	-0.6	10	3.3	5	6.6	24
1979	-8.1	1	-3.1	15	-1.2	23	0.2	3	0.4	3	8.0	25
1980	-3.9	2	0.4	1	-1.6	22	3.3	21	4.9	8	7.6	1
1981	-0.4	13	-0.6	14	2.1	22	1.0	25	2.6	2	7.2	27
1982	-7.1	15	0.4	23	0.1	5	2.5	9	1.6	7	9.6	13
1983	0.5	9	-1.6	4	1.0	28	0.2	3	4.6	3	8.1	14
1984	-3.0	20	-1.4	15	0.5	21	0.5	2	4.6	8	6.9	2
1985	-2.7	18	-3.4	18	-0.5	16	1.8	28	3.9	3	4.8	7

for each month of the period 1951 - 1985 recorded at Leinster Lawn, Dublin.

July		Aug.		Sept.		Oct.		Nov.		Dec.		Year	
°C	Date	°C	Date	°C	Date	°C	Date	°C	Date	°C	Date	°C	Date
7.8	14	7.8	13	8.3	17	1.7	23	0.6	13	-1.1	11	-2.2	Jan. 3
8.3	3	10.0	19	3.3	18	2.8	4	-1.1	24	-2.8	15	-3.3	Jan. 27
10.0	10	9.4	26	6.1	28	2.2	29	3.3	28	0.6	20	-2.2	Mar. 6
6.7	5	8.3	16	7.8	28	1.1	26	0.0	24	0.6	10	-2.2	Feb. 6
8.9	2	12.2	7	7.8	14	0.6	31	1.7	30	1.1	30	-3.9	Jan. 19
9.4	30	7.8	7	6.1	1	3.3	30	0.6	24	-0.6	27	-5.0	Feb. 2
10.0	10	7.2	28	5.0	30	3.9	1	0.0	7	-1.1	16	-3.3	Feb. 20
8.3	24	8.9	23	7.2	26	5.6	28	1.7	25	-2.2	14	-5.0	Jan. 22
10.0	10	8.9	16	6.1	27	2.8	29	0.6	12	1.1	2	-3.3	Jan. 16
10.6	16	8.3	10	6.1	20	3.3	13	0.6	7	-2.2	15	-2.8	Feb. 14
8.3	5	7.8	12	7.2	24	3.3	20	1.7	11	-6.7	31	-6.7	Dec. 31
7.2	5	8.3	6	5.0	18	3.3	27	-1.1	19	-4.4	29	-5.6	Jan. 2
8.9	20	7.8	15	5.6	25	5.0	22	-1.7	30	-3.3	20	-5.0	Jan. 23
7.8	4	6.1	21	5.6	21	1.1	10	-2.2	10	-1.7	26	-2.8	Feb. 6
7.2	4	8.9	27	6.1	28	3.9	12	-1.7	22	-2.8	28	-3.9	Mar. 2
8.3	27	8.3	23	7.2	16	2.8	23	0.6	20	0.0	25	-1.1	Mar. 25
10.6	3	7.2	5	7.8	21	2.8	18	-0.6	18	-3.3	9	-3.3	Dec. 9
9.7	13	8.3	18	9.1	16	6.2	7	-0.1	4	-1.4	29	-1.9	Feb. 6
8.7	7	9.4	24	5.1	29	5.2	1	-0.5	29	-1.9	12	-4.6	Feb. 17
8.2	21	8.7	17	7.2	16	3.8	9	0.7	15	-1.7	31	-4.1	Jan. 7
8.1	17	8.9	16	7.6	28	4.6	14	-0.5	20	0.3	7	-2.1	Jan. 31
8.9	9	8.2	11	4.9	10	2.9	21	-1.2	17	-1.6	24	-5.3	Jan. 31
8.8	7	9.0	11	6.6	29	1.7	17	-0.4	26	-0.4	9	-3.6	Jan. 18
7.8	3	8.4	27	4.3	28	3.1	30	-0.1	19	2.2	11	-0.1	Mar. 3
10.6	24	8.3	31	4.4	28	4.4	17	0.2	30	-0.6	13	-1.1	Mar. 28
8.1	31	10.0	4	5.1	17	4.2	24	-1.4	13	-1.2	10	-1.6	Mar. 9
8.8	29	8.1	28	6.7	9	6.9	10	-1.6	26	1.9	1	-3.8	Jan. 13
8.4	7	10.6	26	7.2	30	5.4	28	-1.0	28	-2.1	31	-3.0	Feb. 13
8.3	1	8.5	27	3.6	22	4.6	5	-1.1	13	0.0	22	-8.1	Jan. 1
8.8	10	8.9	25	8.1	29	2.4	18	-0.4	29	-2.5	8	-3.9	Jan. 2
9.4	18	9.4	1	7.9	13	1.4	16	1.8	5	-5.1	12	-5.1	Dec. 12
10.9	3	8.2	28	6.4	22	3.4	23	0.7	29	-0.9	6	-7.1	Jan. 15
11.6	19	10.6	2	5.9	22	0.9	29	-1.0	23	0.5	7	-1.6	Feb. 4
9.6	2	10.7	10	7.0	20	3.9	4	-0.1	15	-0.3	2	-3.0	Jan. 20
9.9	21	8.9	8	8.0	6	5.4	26	-2.1	29	-2.9	29	-3.4	Feb. 18

Table 5 : Rainfall at Leinster Lawn, Dublin:

Year	Jan.		Feb.		Mar.		Apr.		May		June	
	mm	Date										
1951	14.8	9	19.4	2	19.3	7	5.9	8	13.1	4	5.6	21
1952	12.7	22	11.5	10	8.4	15	20.6	21	13.2	2	4.4	7
1953	4.9	30	17.3	9	5.0	31	15.3	5	9.6	18	6.3	14
1954	6.6	25	6.1	9	12.1	22	3.4	30	29.1	1	17.1	6
1955	18.2	15	21.1	1	9.4	23	9.1	30	9.2	20	33.4	3
1956	28.9	13	5.4	21	11.0	21	30.6	10	5.4	24	17.9	15
1957	8.8	23	11.8	14	12.6	31	4.3	15	19.4	17	9.0	7
1958	5.1	1	16.3	10	16.0	28	7.7	4	30.8	23	43.1	25
1959	11.4	6	5.9	27	9.0	23	6.2	25	29.4	20	15.6	27
1960	22.4	20	17.1	24	10.4	30	17.8	1	20.1	12	15.2	13
1961	20.1	20	8.5	5	3.0	30	19.0	25	7.7	1	9.7	5
1962	10.2	8	6.9	12	9.6	8	6.1	8	27.8	18	6.9	15
1963	9.9	3	32.5	5	20.9	15	8.2	13	7.6	21	48.7	11
1964	3.0	29	4.4	17	18.8	16	8.7	16	7.2	19	9.4	10
1965	37.0	19	2.5	28	11.0	3	11.7	9	14.1	20	18.9	4
1966	32.9	10	23.2	15	8.1	31	23.3	15	4.4	11	53.7	9
1967	8.2	24	37.5	22	9.6	9	8.0	1	23.3	12	5.2	7
1968	24.2	8	10.7	8	13.8	23	14.0	29	8.2	4	14.9	22
1969	16.3	17	11.5	22	20.5	17	16.8	21	19.0	25	12.7	22
1970	10.6	13	7.3	20	7.9	21	20.0	24	8.3	6	5.4	27
1971	20.2	20	6.0	12	37.0	18	14.4	23	12.1	22	26.0	11
1972	17.9	15	16.3	2	11.5	3	6.4	10	14.1	11	18.8	26
1973	21.4	19	7.9	8	5.2	3	13.1	1	12.4	19	7.3	18
1974	19.4	4	7.6	10	5.7	17	18.4	30	19.5	9	9.2	9
1975	14.8	24	7.4	7	4.9	2	9.0	30	15.8	9	2.9	15
1976	20.9	8	6.5	23	11.6	12	5.5	10	4.8	1	5.2	10
1977	19.7	13	15.8	10	8.0	25	7.6	27	7.9	12	16.2	11
1978	11.5	3	16.2	3	5.7	16	7.5	30	6.8	14	8.0	21
1979	23.0	31	9.2	1	22.7	25	8.1	10	8.2	27	13.0	6
1980	26.2	20	11.3	6	20.3	18	6.9	14	6.4	25	13.9	23
1981	4.7	15	14.8	28	19.4	21	14.0	24	10.3	9	26.7	1
1982	15.0	7	3.9	4	7.3	2	4.1	4	9.3	2	21.4	22
1983	17.1	30	11.9	25	8.7	22	15.8	24	21.4	1	11.6	8
1984	17.7	2	19.5	20	27.1	23	10.0	3	6.3	14	12.9	2
1985	21.6	18	18.8	8	34.5	20	8.7	10	25.8	14	10.2	22

Highest amounts recorded for the 24-hour period 10 a.m.-- 10 a.m.

July		Aug.		Sept.		Oct.		Nov.		Dec.		Year	
mm	Date	mm	Date	mm	Date	mm	Date	mm	Date	mm	Date	mm	Date
12.6	10	20.0	23	9.4	3	5.2	27	39.3	4	11.7	31	39.3	Nov. 4
8.3	7	28.0	7	25.7	28	17.5	13	16.1	20	12.3	6	28.0	Aug. 7
10.1	13	15.3	28	7.4	19	12.8	26	18.3	13	11.5	3	18.3	Nov. 13
4.9	7	11.5	7	10.3	9	25.8	31	19.7	29	27.6	7	29.1	May 1
8.1	2	13.4	21	8.4	1	4.6	26	15.0	3	19.7	13	33.4	June 3
12.7	16	22.4	18	27.2	5	5.6	16	14.8	21	32.9	25	32.9	Dec. 25
15.9	9	16.1	12	49.0	24	15.5	29	25.5	4	22.1	10	49.0	Sept. 24
35.6	27	42.8	18	19.0	29	14.2	2	12.6	28	30.3	18	43.1	June 25
10.4	28	8.4	20	9.3	20	30.4	17	20.2	19	23.8	6	30.4	Oct. 17
16.5	15	13.2	31	21.2	27	28.8	1	17.3	1	22.1	5	28.8	Oct. 1
16.4	13	15.2	7	34.9	27	17.9	22	13.7	21	8.9	29	34.9	Sept. 27
23.8	20	10.5	14	26.3	29	8.1	29	11.8	4	18.2	7	27.8	May 18
4.4	5	48.5	16	13.1	25	11.6	30	19.6	4	9.9	11	48.7	June 11
8.1	18	16.9	17	14.2	15	23.7	9	5.7	16	19.7	26	23.7	Oct. 9
16.4	18	16.7	3	30.9	24	12.0	1	58.9	16	14.2	12	58.9	Nov. 16
8.1	29	18.2	12	18.7	30	32.1	17	7.4	30	28.2	9	53.7	June 9
16.9	13	13.1	11	17.7	11	27.3	16	17.8	1	10.9	18	37.5	Feb. 22
5.0	1	19.4	18	20.6	19	8.0	31	27.0	1	39.3	24	39.3	Dec. 24
24.8	25	14.6	12	30.4	9	3.3	13	22.6	3	8.4	2	30.4	Sept. 9
8.9	26	26.9	15	7.7	2	16.9	30	27.1	6	11.2	27	27.1	Nov. 6
17.3	23	9.5	14	10.5	26	15.3	18	13.0	17	13.2	26	37.0	Mar. 18
12.9	3	11.8	7	1.5	8	21.0	26	31.8	12	25.2	27	31.8	Nov. 12
30.1	15	15.2	5	25.0	16	10.3	10	10.9	27	23.7	23	30.1	July 15
13.1	30	5.3	31	36.9	11	3.5	1	11.2	23	4.3	26	36.9	Sept. 11
7.5	29	16.2	8	35.4	17	14.4	2	16.3	10	9.1	1	35.4	Sept. 17
19.7	8	1.6	29	32.4	23	17.3	14	6.9	17	6.3	19	32.4	Sept. 23
8.2	27	14.0	29	8.5	24	33.7	30	11.6	11	13.0	7	33.7	Oct. 30
8.9	25	67.1	5	7.9	8	10.3	10	17.3	23	32.4	7	67.1	Aug. 5
8.3	29	13.4	24	8.2	26	30.5	3	15.3	22	20.5	14	30.5	Oct. 3
12.6	7	36.2	6	22.8	20	15.4	10	8.2	7	7.3	10	36.2	Aug. 6
5.5	17	6.6	12	24.5	25	28.8	1	17.4	22	31.1	13	31.1	Dec. 13
1.8	10	14.9	17	23.4	27	22.9	29	33.9	5	13.5	11	33.9	Nov. 5
11.9	6	10.2	5	23.1	2	14.1	15	9.1	23	28.8	8	28.8	Dec. 8
7.2	13	30.8	1	16.5	3	12.9	8	14.7	7	25.3	14	30.8	Aug. 1
29.9	28	24.9	4	9.0	2	9.2	31	4.5	4	13.1	24	34.5	Mar. 20

Table 6 : Rainfall at Leinster Lawn, Dublin.
 Monthly and annual rainfall totals (in millimetres)
 for the years 1951 to 1985

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1951	70	67	86	27	50	26	49	86	49	12	119	89	729
1952	60	18	27	49	62	27	22	117	60	86	79	55	660
1953	14	40	9	65	32	26	69	62	32	36	47	32	463
1954	34	41	53	10	103	52	44	59	44	109	105	93	747
1955	76	69	26	21	58	99	9	52	40	20	54	118	640
1956	71	31	64	63	20	51	77	144	101	33	35	105	794
1957	37	58	53	19	62	41	85	70	130	55	44	78	731
1958	34	107	30	33	119	165	117	125	88	45	54	106	1022
1959	38	10	41	36	79	54	50	19	19	98	89	119	652
1960	85	44	71	40	54	60	136	72	83	180	103	80	1007
1961	92	47	9	90	26	28	44	50	79	56	50	43	612
1962	41	32	49	34	67	22	69	52	124	18	45	85	638
1963	43	88	68	53	40	104	16	106	44	43	120	23	747
1964	12	27	113	51	37	45	29	62	41	51	24	105	596
1965	103	7	60	43	58	72	65	49	76	31	196	68	828
1966	109	124	31	152	33	119	40	54	61	136	44	95	995
1967	36	94	33	26	146	14	52	85	82	96	43	44	750
1968	66	22	46	52	48	43	14	77	87	41	76	114	687
1969	97	47	55	62	114	56	33	41	50	9	81	47	692
1970	69	56	38	89	14	24	53	57	52	53	128	50	681
1971	38	37	78	47	31	70	71	56	24	38	41	45	574
1972	128	71	62	31	63	63	45	23	4	52	88	87	715
1973	68	42	15	38	85	14	67	84	76	45	55	82	670
1974	111	42	22	47	66	37	87	30	115	22	44	28	648
1975	75	18	35	45	41	10	29	29	105	33	43	25	488
1976	66	29	51	16	40	17	60	5	159	137	28	52	660
1977	65	107	51	47	14	54	25	52	31	95	57	76	673
1978	52	62	38	26	19	36	42	138	38	31	62	228	772
1979	57	55	72	55	77	39	25	72	29	89	49	92	710
1980	104	53	68	11	33	72	42	99	72	105	41	32	732
1981	30	60	92	50	97	68	32	10	93	95	48	143	819
1982	51	29	53	10	38	102	8	57	87	98	110	78	719
1983	58	42	58	81	84	32	27	47	83	47	21	112	692
1984	86	60	67	17	30	37	21	73	65	54	90	89	689
1985	61	46	72	43	86	60	106	122	29	22	29	61	735

Table 7 : Sunshine at Merrion Square, Dublin.

Monthly and annual totals of duration of bright sunshine (in hours)
for the years 1951 to 1985.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs
1951	64	96	82	174	180	216	154	138	91	98	57	56	1405
1952	65	66	106	165	200	172	136	141	127	122	42	45	1387
1953	38	57	109	175	233	188	182	179	110	92	63	37	1463
1954	37	60	94	165	157	152	124	140	151	75	64	37	1256
1955	59	64	147	165	203	101	293	163	176	125	32	40	1568
1956	59	67	115	155	212	203	142	172	84	104	40	32	1386
1957	73	101	76	145	215	278	108	136	107	91	53	42	1424
1958	74	58	103	137	165	128	131	110	108	97	45	41	1196
1959	89	61	109	136	211	237	178	175	167	117	70	50	1597
1960	45	90	41	170	193	221	143	159	106	67	74	73	1381
1961	40	92	111	131	211	169	124	160	117	104	73	70	1399
1962	67	40	120	175	202	197	112	155	84	122	47	48	1367
1963	40	62	116	101	175	200	145	122	147	79	80	51	1318
1964	31	63	59	128	174	129	143	161	154	80	83	47	1251
1965	58	37	125	171	144	180	110	150	96	79	66	60	1275
1966	22	52	116	99	225	132	176	154	139	89	51	47	1301
1967	51	77	152	159	139	187	118	126	143	107	72	51	1380
1968	38	94	101	151	157	210	145	168	115	63	41	43	1325
1969	40	75	70	176	142	238	197	136	100	94	74	46	1387
1970	38	87	118	137	155	199	150	130	114	95	57	49	1329
1971	52	52	78	130	166	155	206	97	162	108	64	31	1301
1972	41	58	105	154	148	122	164	146	138	92	73	45	1286
1973	36	73	123	127	141	212	124	152	145	80	64	52	1329
1974	65	56	85	184	132	165	140	141	99	93	77	49	1286
1975	57	78	119	143	244	242	153	158	114	92	58	31	1490
1976	43	62	84	160	125	219	129	250	82	86	83	42	1366
1977	43	49	76	145	242	188	179	175	93	89	69	33	1380
1978	63	58	117	127	178	129	129	107	116	95	69	42	1231
1979	78	58	89	105	148	171	145	162	131	90	84	62	1323
1980	57	46	96	139	200	102	107	121	110	88	65	46	1176
1981	54	61	107	155	148	131	108	131	107	101	55	37	1193
1982	47	66	161	164	170	162	193	153	110	77	56	57	1416
1983	46	52	66	149	126	145	199	164	115	115	22	50	1247
1984	63	59	77	173	211	163	248	170	116	117	58	56	1511
1985	45	78	109	125	150	172	126	135	118	81	89	55	1284

Table 8 : Sunshine at Merrion Square, Dublin:

Year	Jan.		Feb.		Mar.		Apr.		May		June	
	hrs	Date										
1951	7.4	28	6.5	9	9.4	27	11.8	22	14.2	11	14.2	1
1952	6.2	28	7.0	15	10.0	26	12.5	27	13.9	23	14.0	9
1953	6.4	31	9.0	26	8.9	27	12.5	30	13.8	3	15.1	11
1954	5.8	16	7.8	23	8.8	17	11.5	16	14.5	31	13.7	1
1955	6.3	26	6.1	19	10.1	31	12.6	24	13.7	29	14.8	9
1956	6.6	24	6.6	7	9.5	10	12.3	19	13.8	26	15.3	9
1957	6.5	13	8.5	26	8.2	27	12.3	30	14.0	24	15.5	20
1958	7.8	30	6.8	6	8.5	11	12.1	13	14.3	30	12.8	13
1959	6.7	24	7.9	18	8.7	15	12.7	29	14.9	24	15.2	14
1960	6.2	5	7.7	20	8.5	24	13.2	26	14.2	18	13.4	29
1961	6.0	4	8.4	15	9.0	5	11.0	28	13.9	10	13.0	29
1962	6.6	14	7.6	22	9.4	19	13.4	30	14.8	31	14.8	3
1963	7.1	22	8.2	23	10.6	23	12.3	19	13.9	28	14.7	3
1964	5.3	20	7.9	29	9.2	25	10.1	29	12.9	26	13.6	19
1965	6.1	3	8.1	28	11.0	29	11.6	19	14.3	19	14.4	2
1966	4.6	30	8.6	23	10.3	19	12.6	30	14.7	29	13.1	1
1967	5.7	2	8.8	23	10.5	31	11.3	27	12.3	31	14.5	17
1968	6.5	28	7.9	15	10.1	28	11.5	25	12.4	18	15.3	10
1969	6.0	5	7.4	7	7.9	22	11.1	4	12.1	18	15.1	11
1970	6.5	6	7.1	10	9.6	6	10.5	26	10.3	14	14.8	3
1971	6.5	11	6.8	22	9.8	21	11.5	10	13.3	4	14.6	1
1972	7.0	20	7.9	9	9.5	21	11.0	23	11.3	27	9.6	19
1973	6.3	30	5.9	14	9.6	21	10.7	26	13.9	15	14.9	13
1974	5.5	12	7.7	22	8.2	3	12.4	15	10.3	20	14.4	22
1975	7.1	30	8.5	27	10.0	20	13.3	25	14.5	19	15.5	22
1976	7.1	24	7.7	13	9.5	26	12.7	23	11.6	10	15.7	27
1977	7.5	29	7.7	27	9.6	28	10.2	14	14.8	21	15.0	21
1978	6.4	9	7.8	14	9.0	4	11.7	24	14.5	29	15.2	18
1979	7.5	27	8.1	23	9.4	23	10.3	15	12.8	13	14.6	19
1980	7.3	24	8.1	23	9.8	22	11.5	6	14.5	17	10.2	21
1981	6.3	31	8.3	16	10.9	30	13.1	18	12.3	25	14.2	21
1982	7.0	10	8.8	14	11.1	25	12.5	19	15.2	29	12.7	2
1983	6.1	22	7.8	18	7.4	4	10.9	20	12.5	26	14.5	19
1984	6.2	18	6.8	8	9.5	31	13.0	26	14.2	13	13.4	8
1985	6.3	22	9.1	24	10.2	25	11.9	24	15.2	31	15.5	1

Greatest Duration in a day and date of occurrence.

July		Aug.		Sept.		Oct.		Nov.		Dec.		Year	
hrs	Date	hrs	Date	hrs	Date	hrs	Date	hrs	Date	hrs	Date	hrs	Date
14.0	29	11.4	17	8.9	1	8.3	22	6.2	15	5.2	16	14.2	May 11
12.7	3	11.9	16	11.3	7	9.4	5	6.4	23	4.4	9	14.0	June 9
11.9	4	12.3	11	11.3	8	8.6	25	7.0	25	6.0	1	15.1	June 11
11.8	4	11.2	23	10.7	6	8.6	25	7.0	9	5.3	15	14.5	May 31
15.5	12	12.3	3	11.5	7	9.1	17	7.4	4	5.2	6	15.5	July 12
13.4	11	11.3	13	9.6	1	9.3	13	6.4	9	5.6	26	15.3	June 9
14.7	2	12.7	1	9.2	29	9.1	14	8.0	6	5.9	21	15.5	June 20
10.6	9	11.9	2	9.5	26	8.6	2	6.0	5	5.8	31	14.3	May 30
14.3	4	12.1	27	11.3	3	9.2	15	7.4	3	5.2	4	15.2	June 14
11.0	30	13.8	10	10.0	24	7.2	14	6.8	6	5.5	12	14.2	May 18
13.4	5	11.7	6	9.8	22	9.0	12	7.6	8	6.1	20	13.9	May 10
14.1	17	12.1	5	10.0	7	9.4	2	7.0	15	6.4	5	14.8	May 31
13.6	30	9.7	1	11.4	15	9.4	4	6.4	20	6.0	26	14.7	June 3
11.2	15	13.7	11	10.5	1	9.0	3	7.7	8	6.0	10	13.7	Aug. 11
12.6	1	13.5	5	11.5	2	8.4	23	6.8	22	5.7	26	14.4	June 2
14.8	19	13.3	15	9.8	20	8.3	24	5.9	9	5.5	20	14.8	July 19
11.1	2	12.5	20	10.0	9	8.0	20	8.0	4	5.3	10	14.5	June 17
12.7	28	13.0	9	9.7	10	7.3	13	7.8	3	5.0	15	15.3	June 10
13.3	31	9.6	4	9.7	2	7.8	18	6.6	28	6.0	11	15.1	June 11
14.3	7	11.0	11	9.8	27	9.0	9	7.4	15	6.2	20	14.8	June 3
15.3	12	12.7	20	11.6	5	10.1	1	7.3	19	4.0	7	15.3	July 12
14.8	18	13.5	21	11.2	9	7.6	28	6.9	15	5.8	7	14.8	July 18
13.4	28	12.9	11	9.9	14	7.7	11	6.9	26	6.1	8	14.9	June 13
12.2	1	13.3	19	9.7	9	8.3	17	7.5	15	5.9	9	14.4	June 21
14.6	31	14.2	1	11.3	1	8.0	6	6.7	3	5.4	12	15.5	June 22
13.4	4	13.9	14	10.1	17	8.5	6	7.5	3	5.3	28	15.7	July 27
15.0	4	13.3	11	9.2	12	8.6	10	6.9	15	4.8	20	15.0	June 21
14.0	12	13.2	26	9.8	4	9.8	6	7.1	9	5.7	4	15.2	June 18
14.8	11	12.2	27	11.0	9	8.9	20	7.4	15	6.5	24	14.8	July 11
10.1	14	12.2	24	9.5	24	7.4	12	6.7	3	6.1	11	14.5	May 17
8.7	29	13.2	16	9.0	12	8.9	16	7.6	16	5.1	12	14.2	June 21
14.3	22	11.5	20	12.0	2	8.7	21	6.5	14	5.3	18	15.2	May 29
14.8	7	13.6	14	9.8	1	8.5	29	4.8	5	5.5	12	14.8	July 7
14.4	26	12.6	10	10.4	15	8.6	15	7.4	3	5.7	24	14.4	July 26
10.4	2	11.1	16	11.4	10	8.6	15	8.6	3	6.0	28	15.5	June 1

Table 9 : Wind Speed at Merrion Square, Dublin:

Year	Jan.		Feb.		Mar.		Apr.		May		June	
	kts	Date	kts	Date	kts	Date	kts	Date	kts	Date	kts	Date
1951	43	10	41	17	37	22	43	12	38	27	43	13
1952	54	13	41	6	47	28	47	9	38	9	39	18
1953	47	31	37	24	48	28	49	11	46	16	39	1
1954	69	15	45	26	46	6	39	4	51	5	40	26
1955	50	4	42	28	41	1	42	2	49	4	37	4
1956	53	21	52	29	52	1	34	5	50	11	47	4
1957	54	31	69	4	53	20	32	17	40	15	37	28
1958	57	8	43	10	41	14	44	15	43	19	31	3
1959	51	1	44	27	43	4	51	6	34	2	45	8
1960	42	20	51	27	47	3	58	13	37	11	55	12
1961	60	27	69	26	46	17	41	23	50	7	33	23
1962	61	11	63	12	55	7	49	5	48	16	54	24
1963	51	20	48	6	55	16	45	21	49	13	44	18
1964	51	31	52	1	38	17	47	29	48	7	41	10
1965	60	17	42	20	47	24	52	17	43	8	50	18
1966	46	1	43	25	52	27	42	27	56	22	40	27
1967	40	25	49	27	49	11	45	20	43	19	34	22
1968	65	14	36	4	51	16	47	1	37	10	34	25
1969	53	17	50	19	46	31	56	11	30	16	39	20
1970	43	8	56	19	44	17	39	12	42	21	39	24
1971	52	24	45	13	44	18	37	18	36	15	38	26
1972	45	16	51	2	50	3	45	2	52	25	40	21
1973	52	14	54	12	43	1	45	4	48	10	37	9
1974	70	12	53	10	48	17	30	28	45	9	44	6
1975	59	14	38	17	43	6	41	14	33	1	45	2
1976	66	2	42	11	46	31	41	14	43	16	37	9
1977	54	21	42	18	50	15	54	22	47	11	38	6
1978	63	3	57	1	62	19	42	13	34	12	41	16
1979	44	18	41	10	51	28	40	24	33	28	38	15
1980	55	21	37	2	48	19	37	2	37	20	43	19
1981	51	2	57	2	46	23	51	24	42	3	51	6
1982	43	8	49	21	65	12	36	7	49	2	44	22
1983	56	30	52	6	50	21	44	10	41	10	44	14
1984	69	13	62	8	53	23	36	15	33	22	39	12
1985	43	30	45	14	48	31	50	11	39	24	35	12

Highest gust (knots) and date of occurrence.

July		Aug.		Sept.		Oct.		Nov.		Dec.		Year	
kts	Date	kts	Date	kts	Date	kts	Date	kts	Date	kts	Date	kts	Date
36	6	37	25	44	24	38	27	57	5	64	27	64	Dec. 27
41	13	39	13	51	25	53	28	52	4	45	16	54	Jan. 13
41	8	43	30	51	2	50	26	48	1	39	21	51	Sept. 2
51	27	38	29	52	16	50	19	61	27	58	8	69	Jan. 15
33	3	32	16	43	2	50	5	58	2	55	28	58	Nov. 2
45	29	51	13	53	28	49	17	48	8	56	13	56	Dec. 13
40	26	47	24	47	12	51	31	48	1	51	8	69	Feb. 4
37	13	40	4	56	24	41	10	39	1	52	21	57	Jan. 8
37	2	49	14	28	21	57	27	64	19	54	26	64	Nov. 19
44	5	36	23	43	30	38	1	66	2	47	4	66	Nov. 2
39	3	43	18	61	16	69	22	51	30	44	11	69	Oct. 22
37	2	50	26	45	29	42	28	48	17	57	15	63	Feb. 12
32	25	44	26	48	26	41	8	57	12	45	3	57	Nov. 12
42	7	43	24	46	24	43	6	50	16	60	7	60	Dec. 7
46	29	40	24	41	17	44	30	60	1	54	9	60	Jan. 17
36	24	39	9	43	15	38	4	51	15	56	1	56	May 22
30	3	40	14	42	5	51	26	39	28	51	23	51	Oct. 26
33	3	37	13	49	20	44	12	49	1	50	22	65	Jan. 14
40	18	37	26	47	21	40	23	43	19	43	19	56	Apr. 11
45	1	53	16	51	9	51	31	57	3	43	6	57	Nov. 3
31	15	38	28	47	17	47	17	44	17	48	21	52	Jan. 24
32	3	37	4	27	9	44	22	48	9	55	5	55	Dec. 5
38	16	43	4	55	27	47	20	49	12	42	13	55	Sept. 27
44	22	37	14	43	7	45	27	56	14	66	28	70	Jan. 12
42	22	29	20	45	24	44	2	37	27	38	1	59	Jan. 14
32	13	32	2	46	9	54	5	56	27	40	6	66	Jan. 2
38	18	47	24	43	30	50	30	65	11	60	24	65	Nov. 11
37	3	32	21	47	11	36	24	53	15	49	7	63	Jan. 3
36	31	33	16	50	20	37	24	47	25	61	4	61	Dec. 4
41	30	42	20	48	12	47	6	51	14	53	14	55	Jan. 21
36	1	38	19	38	10	59	9	47	20	61	13	61	Dec. 13
36	4	44	16	39	26	50	26	53	18	54	19	65	Mar. 12
31	2	31	1	50	4	52	15	36	14	57	22	57	Dec. 22
34	28	37	30	44	9	62	18	50	27	37	17	69	Jan. 13
38	20	49	20	43	14	39	11	38	5	54	21	54	Dec. 21

Table 10: Wind Speed at Merrion Square, Dublin.

Number of days with gusts to 34 knots (gale force) or more.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1951	7	6	8	3	3	5	1	4	4	2	15	16	74
1952	14	2	8	7	3	4	4	5	9	11	8	8	83
1953	4	6	4	5	4	1	7	4	9	2	8	3	57
1954	10	12	8	3	5	4	7	3	14	10	12	17	105
1955	11	7	3	4	6	3	0	0	5	6	5	18	68
1956	5	4	10	1	4	7	6	5	4	7	6	13	72
1957	13	7	6	0	2	2	4	6	9	8	5	11	73
1958	13	6	7	5	5	0	1	2	5	7	2	8	61
1959	2	6	4	9	1	6	5	3	0	9	9	16	70
1960	5	11	4	7	1	3	5	1	4	2	9	9	61
1961	11	16	11	2	4	0	5	8	6	13	4	7	87
1962	16	13	7	8	5	6	2	7	5	5	4	12	90
1963	10	4	9	8	9	5	0	7	5	11	12	10	90
1964	6	7	6	7	8	4	6	5	7	6	9	11	82
1965	11	3	8	9	4	6	4	4	3	3	12	7	74
1966	9	7	6	7	6	1	2	3	6	4	7	10	68
1967	4	8	16	4	6	1	0	3	3	14	8	8	75
1968	15	4	15	5	2	1	0	2	7	7	9	8	75
1969	8	8	1	7	0	2	5	2	3	7	6	9	58
1970	4	13	10	6	3	2	6	3	10	13	6	6	82
1971	12	7	6	3	1	3	0	1	1	8	8	11	61
1972	12	5	9	13	11	5	0	3	0	3	10	14	85
1973	9	8	7	9	4	3	3	6	3	4	4	7	67
1974	21	10	4	0	9	5	5	1	7	5	8	23	98
1975	19	2	5	4	0	3	4	0	4	7	3	5	56
1976	14	5	12	7	9	3	0	0	5	5	4	4	68
1977	7	7	13	10	2	3	5	3	7	10	16	7	90
1978	10	5	16	4	1	1	4	0	9	2	10	12	74
1979	5	11	15	4	0	3	1	0	5	2	10	12	68
1980	7	1	6	2	3	5	3	5	9	9	12	16	78
1981	10	6	11	4	6	6	4	1	4	6	11	7	76
1982	10	11	15	2	4	3	1	8	6	7	11	9	87
1983	24	11	7	3	4	3	0	0	8	9	2	11	82
1984	20	12	6	1	0	4	1	3	6	8	8	4	73
1985	5	9	6	9	3	3	3	8	5	4	4	11	70
Mean	10	7	8	5	4	3	3	3	6	7	8	10	75

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