

GEOPHYSICAL BULLETIN

No. 23

The Climate of Dublin City

II

Temperature at Trinity College

by

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Scoil na Fisice Cosmaí, Institiúid Árd-Léinn Baile Átha Cliath
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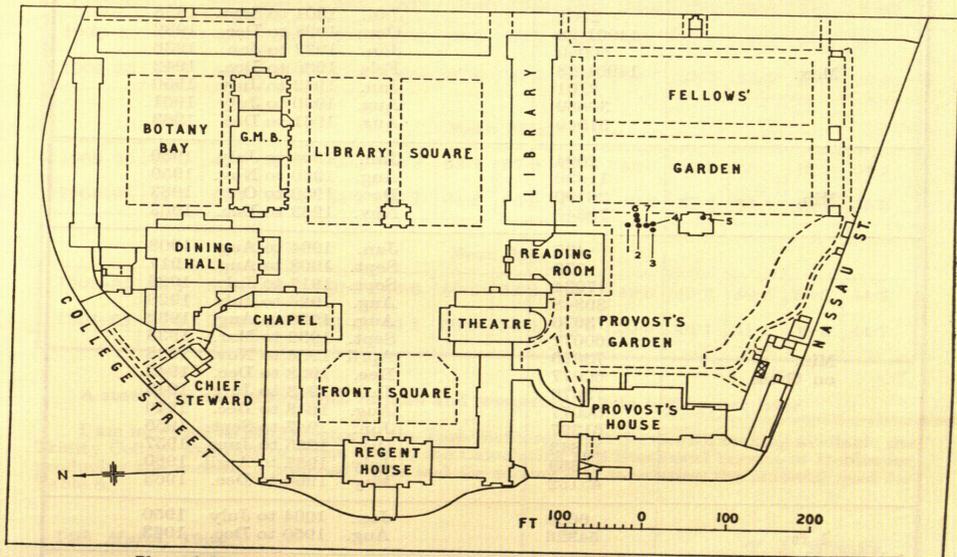
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INTRODUCTION

The Climate of Dublin City, Part I (Geophysical Bulletin No. 12) comprising 50 years of rainfall data for Trinity College, Dublin was published in 1956. Now with the completion of 60 years of meteorological observations at the same site, an up-to-date summary of the temperature data is thought desirable since extensive constructional work in the vicinity of the instrument enclosure is likely to affect the exposure of the station.

Site — The instrument enclosure is situated in the College grounds between the Fellows' and the Provost's Gardens and the instruments are located as in the site plan below.



Plan of Instrument Enclosure at Trinity College, Dublin and Surroundings.

The figures in the plan denote:

- 1 Large *Stevenson* Screen, in use from July 1950.
- 2 Small *Stevenson* Screen in use from Jan. 1904 to Dec. 1963.
- 3 Standard Rain gauge (5-inch).
- 4 Standard Rain gauge (8-inch).
- 5 Station Barometer.
- 6 Earth thermometers at 1 ft (30 cm) and 4 ft (122 cm).
- 7 Grass Minimum thermometer.

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Instruments — All thermometers have been certified by the National Physical Laboratory, Teddington. The thermometers and the periods during which they were operated are as follows:

Thermometer		Period of use
Max.	2101	Jan. 1904 to Sept. 1928
	14901/28	Oct. 1928 to Dec. 1932
	50050	Jan. 1933 to Jan. 1936
	14901/28	Feb. 1936 to Dec. 1942
	2101	Jan. 1943 to July 1950
	30689	Aug. 1950 to July 1961
	51540	Aug. 1961 to Dec. 1963
Min.	2094	Jan. 1904 to July 1950
	11839	Aug. 1950 to Nov. 1959
	26190	Dec. 1959 to Oct. 1963
	70646	Nov. 1963 to Dec. 1963
Min. on Grass	437	Jan. 1904 to Aug. 1908
	773	Sept. 1908 to Aug. 1917
	17034	Sept. 1917 to July 1926
	89348	Aug. 1926 to July 1928
	73676	Aug. 1928 to Aug. 1932
	60077	Sept. 1932 to Mar. 1938
	73676	April 1938 to Nov. 1938
	60077	Dec. 1938 to Dec. 1942
	73676	Jan. 1943 to July 1943
	60077	Aug. 1943 to Dec. 1946
	61397	Jan. 1947 to Sept. 1955
	11843	Oct. 1955 to June 1957
	11859	July 1957 to April 1960
45162	May 1960 to Dec. 1963	
1 ft	6654	Jan. 1904 to July 1950
	54326	Aug. 1950 to Dec. 1963
4 ft	6653	Jan. 1904 to Mar. 1912
	24	April 1912 to July 1950
	6675	Aug. 1950 to June 1958
	6673	July 1958 to Dec. 1963

Observations — Up to July 1950 the observations were made by students of Experimental Science in Trinity College and thereafter by the Meteorological observer of the School of Cosmic Physics. The monthly registers from which the data were extracted have been thoroughly scrutinised and, based on the records from Phoenix Park Meteorological Station, reliable estimates for missing or suspected values obtained.

Tables — The monthly and annual means in Tables 1 to 4 and in Table 8 are derived from daily readings of the maximum and minimum thermometers.

An asterisk * denotes an estimated value.

In Tables 5, 6, and 7 where the extreme temperature occurred on more than one day the earliest date only is given.

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For purposes of comparison, the averages for the period 1906 to 1935 as given in Air Ministry Meteorological Office Publication M.O. 407 and those derived from the sixty years reviewed here are:

Mean

Period	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1906-35	43.0	42.9	44.0	46.7	52.3	56.9	60.3	59.8	56.1	51.1	45.5	43.5	50.1
1904-63	42.4	42.7	44.6	47.8	52.6	57.6	60.5	60.1	56.7	51.7	46.1	43.7	50.5

Mean Max.													
Period	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1906-35	47.9	47.9	49.9	53.3	58.8	63.7	67.0	66.5	62.6	57.0	50.7	48.2	56.1
1904-63	47.2	47.7	50.4	54.2	59.1	64.2	66.9	66.6	62.9	57.4	51.1	48.2	56.3

Mean Min.													
Period	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1906-35	38.1	37.8	38.1	40.2	45.8	50.2	53.6	53.1	49.5	45.3	40.2	38.9	44.2
1904-63	37.6	37.7	38.9	41.4	46.1	50.8	54.0	53.6	50.5	46.1	41.1	39.1	44.7

A statistical analysis of both rainfall and temperature data will appear later.

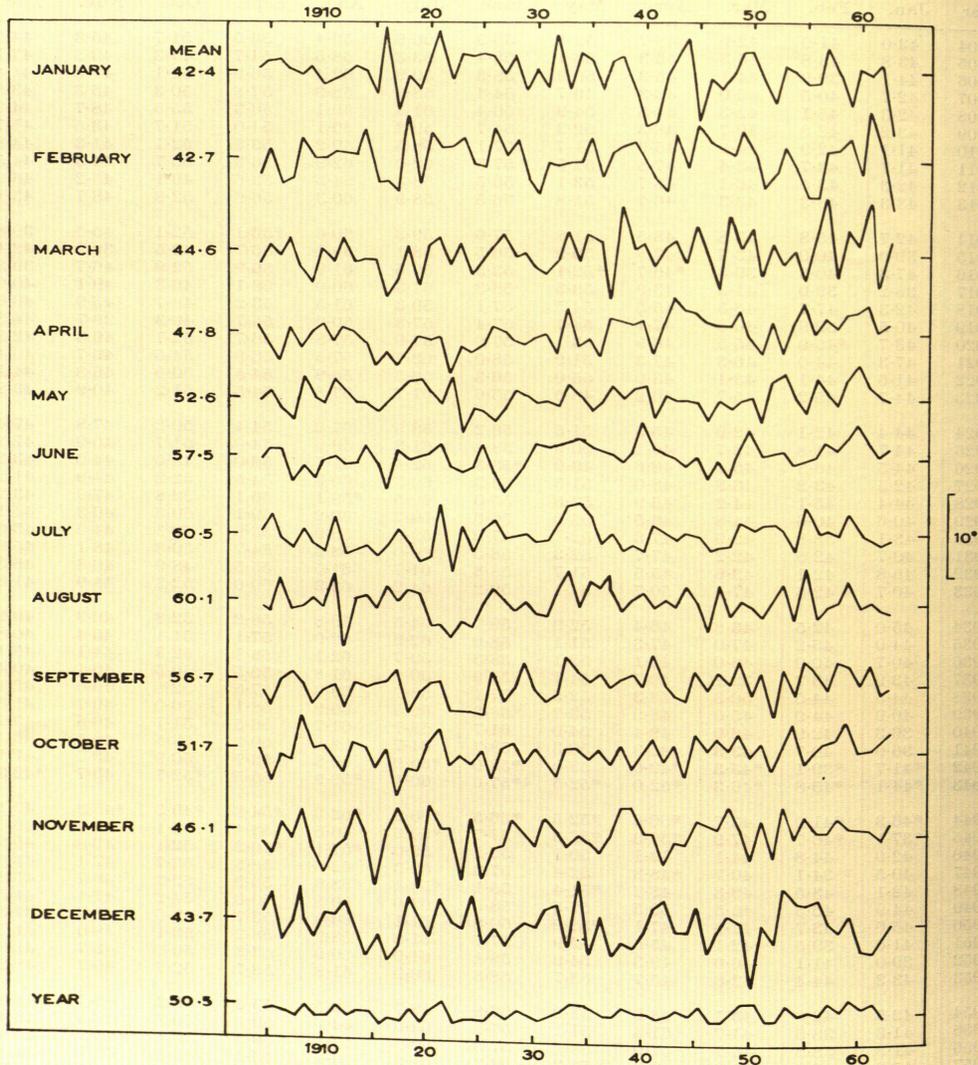
I am indebted to the Director of the Irish Meteorological Service for making available the Trinity College Monthly registers and to the Calculating and Statistical Service in Dublin for producing the necessary punched cards and for sorting and tabulating the material used for Table 8.

14th March, 1964.

T. J. MORLEY.

Table 1 — Monthly and Annual Averages of Temperature (°F)
at Trinity College, Dublin for the years 1904 to 1963

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1904	43.0	41.0	42.9	48.7	52.1	56.9	60.9	59.4	56.5	51.7	45.3	44.0	50.2
1905	43.8	43.8	45.3	46.3	53.1	58.4	63.3	58.5	54.7	47.3	43.2	47.1	50.4
1906	44.1	39.9	44.1	45.3	50.9	58.3	59.9	62.4	56.9	51.1	47.3	41.4	50.1
1907	42.7	40.5	46.0	46.3	49.7	54.4	58.9	58.9	57.8	50.3	45.3	43.5	49.5
1908	42.3	45.1	42.3	44.5	54.9	56.4	61.3	59.1	56.3	55.5	48.7	44.3	50.9
1909	43.2	42.8	40.7	48.3	52.3	54.7	59.3	60.1	54.0	51.7	43.5	41.7	49.4
1910	41.1	42.9	44.9	45.9	51.7	57.1	58.5	59.2	55.8	52.1	41.3	44.8	49.6
1911	41.7	43.7	43.4	47.8	54.5	57.5	62.9	62.9	56.3	50.7	44.3	44.5	50.9
1912	42.3	43.5	46.1	48.7	53.1	56.5	58.3	54.5	53.6	49.1	45.2	45.9	49.7
1913	43.3	43.3	43.3	46.7	51.8	56.5	58.9	60.3	56.6	52.8	48.7	43.1	50.4
1914	42.7	45.8	43.8	48.5	51.8	57.6	59.3	60.6	*56.1	52.1	45.5	39.8	50.3
1915	39.9	40.0	43.7	47.8	50.9	56.5	58.1	59.1	56.7	49.5	39.9	42.4	48.7
1916	47.3	40.3	39.3	*46.7	*52.1	53.5	59.5	61.9	56.9	52.9	46.7	39.9	*49.7
1917	38.2	39.0	41.3	43.9	53.3	58.3	61.3	60.0	58.1	46.3	49.1	40.3	49.1
1918	42.3	47.7	45.3	45.5	54.5	57.1	59.3	61.5	53.2	49.7	45.9	46.6	50.7
1919	40.5	39.9	40.8	47.4	54.7	57.4	57.3	60.9	55.7	49.3	39.7	44.3	49.0
1920	43.7	*45.9	45.5	46.9	53.1	57.9	57.9	57.3	56.7	52.7	49.3	42.3	50.8
1921	47.3	44.0	46.3	47.3	51.9	58.0	63.7	57.5	56.9	54.5	46.7	46.4	51.7
1922	41.6	44.1	43.1	43.0	55.0	56.3	56.3	55.9	54.5	50.0	46.8	44.1	49.2
1923	44.7	45.2	45.7	46.2	48.5	55.6	61.7	57.8	54.5	51.2	40.9	43.2	49.6
1924	44.4	42.1	42.0	45.5	51.5	56.2	58.5	57.0	54.4	50.2	47.8	47.0	49.7
1925	44.7	41.8	43.7	46.4	50.9	58.8	61.3	59.6	54.0	51.7	40.9	41.2	49.6
1926	44.5	46.3	45.4	48.6	49.9	*55.3	62.4	61.7	58.0	48.6	44.6	43.3	50.7
1927	42.5	43.2	46.8	48.0	51.5	53.3	60.3	60.3	54.5	52.2	44.9	41.2	49.9
1928	44.4	45.1	44.2	46.9	53.5	55.0	60.5	*59.1	56.1	52.8	47.9	43.2	50.7
1929	40.6	40.6	44.8	46.5	53.0	56.6	60.7	60.2	59.1	50.6	46.3	44.1	50.3
1930	43.1	38.8	42.9	47.3	52.1	57.9	*59.9	58.9	55.9	52.3	44.9	43.6	49.8
1931	40.7	42.5	42.2	47.7	52.3	58.5	60.0	58.6	54.7	50.8	48.1	45.9	50.2
1932	46.8	42.1	43.6	45.5	51.7	58.8	61.7	61.5	55.5	48.9	46.8	46.5	50.8
1933	40.7	42.5	47.1	50.7	54.1	59.2	64.2	63.9	60.0	52.3	44.9	41.6	51.8
1934	45.0	42.5	43.8	46.4	52.9	59.7	64.5	59.8	58.2	52.3	46.3	49.2	51.7
1935	44.0	45.2	47.0	47.3	51.1	58.9	62.9	62.9	57.1	51.1	45.4	40.8	51.1
1936	40.7	40.9	46.0	45.1	52.1	58.3	59.7	62.1	58.1	52.3	44.1	45.1	50.4
1937	43.9	43.7	39.7	49.7	54.1	57.9	60.9	61.8	56.5	50.5	46.1	40.4	50.4
1938	44.5	44.5	50.3	48.3	52.5	57.1	58.7	59.3	57.5	52.6	49.6	42.1	51.4
1939	40.9	44.9	45.0	48.9	53.7	58.2	59.5	60.9	58.1	50.0	49.7	41.3	50.9
1940	36.3	42.9	46.0	49.4	54.0	61.7	58.7	61.7	56.5	51.7	46.5	43.1	50.7
1941	36.9	40.7	43.3	45.3	50.3	58.7	61.7	59.8	60.3	53.5	46.5	46.1	50.3
1942	*41.7	*39.1	*45.3	*49.0	53.0	*58.0	*60.9	60.8	56.7	50.9	43.0	47.1	*50.5
1943	*44.1	*45.8	*46.3	*52.0	*52.5	*57.6	60.1	*59.9	55.5	*52.7	45.7	*42.3	*51.2
1944	*46.3	*41.9	43.7	*50.6	*52.5	*56.5	*60.9	*62.3	*54.8	*49.3	*45.3	43.1	*50.6
1945	*37.1	*46.7	47.9	*50.3	*52.3	*57.7	*60.6	60.5	58.4	54.1	48.3	46.1	*51.7
1946	42.0	44.8	44.1	49.1	50.1	55.1	59.0	*57.1	*56.3	52.1	47.8	40.9	*49.9
1947	40.5	34.1	40.7	*48.8	52.4	57.3	59.3	62.6	58.3	53.7	47.1	43.5	49.9
1948	42.1	43.5	49.3	48.7	*51.4	55.1	*59.4	*58.9	56.9	52.3	49.7	45.2	*51.0
1949	44.9	46.3	45.5	50.5	52.5	58.5	62.0	60.8	59.6	54.2	47.1	44.5	52.2
1950	45.0	43.7	47.6	47.1	*52.9	60.8	61.1	60.0	55.7	51.6	43.5	37.3	50.5
1951	41.6	39.5	42.1	45.5	49.9	52.1	61.8	58.9	58.3	53.1	48.0	44.1	50.0
1952	39.0	41.1	46.0	49.3	54.9	58.1	61.9	60.9	53.3	50.0	43.7	41.9	50.0
1953	43.3	44.4	43.6	45.7	55.7	58.3	60.9	61.8	58.7	52.6	49.7	48.2	51.9
1954	42.5	42.0	45.1	48.9	52.9	56.8	58.7	58.5	55.6	55.3	46.1	46.8	50.8
1955	41.3	38.5	41.7	51.4	51.1	57.1	63.6	64.7	59.9	50.7	48.5	46.4	51.2
1956	41.3	38.5	46.7	47.9	55.1	57.5	60.7	57.8	58.5	52.1	46.7	46.9	50.8
1957	45.3	43.9	51.3	49.7	53.3	59.3	61.3	60.4	56.3	53.3	46.7	44.3	52.1
1958	42.3	44.1	42.1	48.5	52.1	57.4	60.5	60.7	59.7	53.7	48.3	43.3	51.1
1959	38.9	45.3	47.7	50.2	55.0	59.7	63.0	63.1	59.2	55.5	47.3	45.0	52.5
1960	43.0	41.4	45.7	50.5	56.6	61.5	60.7	60.1	57.0	52.1	47.1	41.1	51.4
1961	42.1	48.3	50.3	51.4	53.9	59.2	60.0	60.7	59.3	52.2	47.0	40.7	52.1
1962	43.4	44.1	41.1	48.1	52.8	57.7	59.4	59.8	55.7	53.3	45.8	42.2	50.3
1963	35.2	37.0	46.7	49.1	52.4	58.5	59.8	59.4	56.5	54.4	47.8	42.4	49.9



Monthly and Annual Variation of Temperature (°F) at Trinity College, Dublin for the period 1904 to 1963.

Table 2 — Monthly and Annual Averages of Maximum Temperature (°F)
at Trinity College, Dublin for the years 1904 to 1963

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1904	47.8	45.3	47.9	55.1	58.8	63.2	67.5	66.3	62.5	57.2	50.1	48.6	55.9
1905	48.0	48.5	51.9	51.8	60.0	64.7	70.4	64.7	60.6	53.5	48.3	50.4	56.1
1906	48.8	45.4	49.7	52.9	56.9	65.2	66.9	69.6	64.9	57.2	52.6	46.1	56.3
1907	47.3	46.0	53.3	53.3	56.3	61.1	65.4	65.5	63.7	55.4	50.6	47.7	55.5
1908	47.3	49.3	48.6	50.9	61.4	63.2	67.7	65.5	62.2	61.1	53.8	49.5	56.7
1909	47.8	47.3	46.1	55.2	60.1	61.2	65.7	66.9	60.5	57.9	48.9	46.4	55.3
1910	46.5	48.7	51.2	52.5	58.4	63.3	65.0	65.4	61.9	57.1	46.6	49.0	55.5
1911	46.8	49.3	48.3	54.7	61.7	64.9	71.8	70.2	63.7	56.8	49.6	50.6	57.4
1912	47.1	49.3	52.9	56.5	59.7	63.0	65.0	60.9	59.8	56.2	50.5	51.8	56.1
1913	48.9	48.9	50.2	53.5	58.2	63.8	65.9	67.5	62.7	58.0	53.8	47.5	56.6
1914	47.0	52.2	50.7	56.3	59.0	65.9	66.3	68.2	*63.3	57.8	51.7	45.5	57.0
1915	44.6	46.3	49.8	54.6	57.5	63.5	64.5	65.9	64.2	56.4	45.6	47.6	55.0
1916	52.5	46.0	44.5	*54.0	*58.1	61.2	66.9	69.0	63.1	58.3	51.4	43.7	*55.7
1917	41.4	43.7	47.0	50.5	59.9	65.2	68.3	67.0	64.6	52.6	53.8	45.2	54.9
1918	46.8	52.0	51.2	51.6	61.6	64.6	67.0	68.3	59.4	55.7	51.6	50.9	56.7
1919	44.7	44.0	46.5	54.1	61.9	65.3	64.6	63.0	63.0	56.0	45.3	49.6	55.3
1920	49.7	51.1	51.4	52.6	59.5	64.3	64.2	63.4	63.6	58.6	52.2	47.0	56.6
1921	52.2	48.3	53.0	54.1	58.8	65.5	72.0	64.6	64.1	61.1	54.6	51.9	58.2
1922	47.1	49.7	48.1	49.3	62.0	62.4	62.3	61.7	60.5	54.7	51.7	48.6	54.8
1923	49.8	49.9	50.7	51.4	54.6	60.9	67.3	63.8	60.5	56.6	45.9	48.5	55.0
1924	49.3	46.3	47.8	52.3	56.9	61.0	64.5	63.2	60.4	56.1	53.0	52.6	55.3
1925	50.0	47.2	49.2	52.7	55.7	66.8	67.6	66.9	60.7	58.1	47.5	45.7	55.7
1926	49.4	50.7	50.2	54.7	55.3	*60.6	68.3	68.7	64.4	54.3	50.0	46.9	56.1
1927	47.0	49.1	51.9	54.5	57.2	58.6	65.5	66.3	60.5	58.5	50.4	44.5	55.3
1928	50.3	50.5	48.9	53.0	61.2	61.8	67.2	*66.2	62.9	58.0	52.9	48.0	56.8
1929	44.9	44.2	53.1	53.1	60.5	63.2	67.2	66.2	65.9	56.0	51.7	49.0	56.3
1930	48.5	43.1	48.7	53.0	58.1	64.6	65.6	64.8	60.5	57.0	50.1	48.2	55.2
1931	45.3	47.7	47.3	53.6	58.2	64.5	65.6	64.2	60.8	57.2	53.0	49.9	55.6
1932	51.8	46.2	49.4	51.5	57.0	65.9	67.8	67.2	61.7	54.9	51.3	50.2	56.2
1933	46.0	47.6	53.5	56.9	60.1	65.7	71.2	71.8	66.7	57.3	49.6	45.7	57.7
1934	50.5	48.0	50.1	52.2	59.7	66.4	71.9	66.3	65.1	57.6	50.5	52.9	57.6
1935	48.2	50.4	52.8	53.5	57.7	65.5	70.0	63.2	63.2	57.0	50.6	45.1	57.1
1936	45.3	45.4	50.5	50.7	58.3	65.4	65.4	68.7	63.6	57.9	48.9	49.7	55.8
1937	48.6	49.0	44.7	54.6	60.7	63.9	67.4	68.5	63.0	56.1	50.3	44.5	55.9
1938	49.5	48.6	55.9	55.5	58.2	63.6	64.5	65.5	63.6	58.4	54.2	46.7	57.0
1939	45.4	50.6	50.5	55.2	60.7	65.7	65.4	67.2	63.3	55.3	54.2	45.3	56.6
1940	41.0	46.9	52.1	55.0	60.4	69.5	65.1	68.3	63.2	56.2	51.2	47.5	56.4
1941	40.3	46.1	49.0	49.6	56.6	65.0	67.8	66.3	66.5	58.7	50.0	49.9	55.6
1942	46.0	43.9	*50.5	*54.4	59.5	65.6	67.5	66.7	62.4	56.7	48.3	51.8	*56.1
1943	*48.4	*51.0	51.9	58.5	59.1	*63.8	66.6	*65.7	60.5	*58.1	50.6	*46.6	*56.7
1944	*51.1	46.7	50.2	*56.5	*59.0	*63.0	*66.7	*69.3	*61.9	*54.9	*50.9	48.2	*56.5
1945	*42.3	*53.6	55.1	*57.4	*59.5	*64.6	*67.1	66.5	63.8	58.8	52.7	50.4	*57.7
1946	47.1	48.9	49.4	54.9	55.0	60.7	64.7	*62.1	*60.7	55.6	52.2	46.3	54.8
1947	45.0	36.9	45.5	*55.0	57.8	62.3	64.7	68.9	64.2	59.1	52.1	47.4	54.9
1948	46.7	48.1	56.3	55.0	*58.2	60.5	*65.5	*64.5	62.3	57.5	55.6	50.4	*56.7
1949	50.0	51.6	51.3	57.4	59.6	65.3	67.9	66.6	65.0	60.1	52.5	49.7	58.1
1950	49.3	49.3	53.7	53.5	*58.6	68.1	67.1	66.4	61.7	57.0	49.1	41.3	56.3
1951	46.6	45.3	47.7	52.5	56.3	65.2	68.8	65.5	64.2	58.4	53.4	49.6	56.1
1952	44.5	46.9	51.7	57.2	62.6	65.7	69.0	68.0	59.8	56.0	48.9	47.3	56.5
1953	48.4	49.5	50.2	52.9	63.2	64.8	67.3	68.7	64.6	58.2	54.2	52.7	57.9
1954	46.4	46.7	50.3	55.3	59.1	62.7	64.5	64.7	61.6	60.8	51.9	50.5	56.2
1955	45.9	43.2	47.9	58.1	57.3	62.3	70.9	71.3	66.4	57.0	52.3	50.9	57.0
1956	46.2	43.6	51.4	54.5	62.3	64.5	66.5	64.0	63.1	57.5	50.5	51.1	56.3
1957	50.0	48.9	56.2	55.7	60.0	66.6	66.6	66.1	61.7	59.0	48.8	57.5	56.3
1958	47.1	48.8	46.9	54.3	58.4	63.1	66.0	66.0	65.0	58.9	52.9	48.2	56.3
1959	44.0	50.7	53.1	56.5	61.9	67.0	69.6	69.6	66.3	60.9	51.8	49.6	58.4
1960	47.6	46.8	49.2	56.9	63.3	68.5	66.6	66.2	62.9	57.3	51.6	45.4	56.9
1961	46.9	53.4	56.5	57.2	60.4	66.0	66.1	67.7	65.0	58.0	51.5	45.9	57.9
1962	48.2	48.5	47.3	54.6	60.1	65.5	65.3	66.3	61.7	59.3	49.9	46.9	56.1
1963	38.5	40.9	53.0	54.9	59.1	65.2	66.5	65.6	63.7	60.0	53.3	46.4	55.6

Table 3 — Monthly and Annual Averages of Minimum Temperature (°F) at Trinity College, Dublin for the years 1904 to 1963

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1904	38.2	36.7	37.8	42.4	45.3	50.7	54.3	52.5	50.4	46.2	40.5	39.4	44.5
1905	39.6	39.1	38.6	40.7	46.1	52.1	56.2	52.3	48.9	41.2	38.1	43.9	44.7
1906	39.5	34.3	38.4	37.6	44.9	51.3	52.8	55.2	48.8	45.1	41.9	36.7	43.9
1907	38.0	34.9	38.7	39.4	43.0	47.7	52.4	52.2	51.9	45.1	39.9	39.3	43.5
1908	37.2	41.0	36.1	38.1	48.3	49.6	54.9	52.6	50.3	49.9	43.7	39.0	45.1
1909	38.6	38.3	35.4	41.4	44.6	48.3	52.8	53.2	47.5	45.4	38.0	36.9	43.4
1910	35.8	37.2	38.7	39.2	45.0	50.8	52.1	53.0	49.7	47.0	35.9	40.6	43.7
1911	36.5	38.2	38.5	40.9	47.3	50.2	54.1	55.6	48.9	44.7	38.9	38.4	44.3
1912	37.6	37.8	39.3	40.8	46.4	50.1	51.7	48.1	47.4	41.9	39.9	40.0	43.4
1913	37.8	37.6	36.5	39.8	45.4	49.2	52.0	53.1	50.5	47.6	43.5	38.7	44.3
1914	38.4	39.4	36.9	40.7	44.6	49.3	52.4	53.0	*49.0	46.4	39.4	34.1	43.6
1915	35.3	33.7	37.6	41.0	44.3	49.6	51.6	52.4	49.1	42.5	34.1	37.2	42.4
1916	42.0	34.7	34.1	*39.5	*46.1	45.8	52.2	54.7	50.8	47.5	42.1	35.0	*43.7
1917	35.0	34.3	35.5	37.2	46.7	51.4	54.4	53.0	51.6	40.1	44.5	36.5	43.3
1918	37.9	43.5	39.4	39.3	47.3	49.6	51.5	54.7	47.0	43.7	40.2	42.3	44.7
1919	36.4	35.8	35.1	40.7	47.4	49.5	50.1	53.4	48.3	42.5	34.1	38.9	42.7
1920	37.8	*40.7	39.5	41.2	46.8	51.4	51.5	51.3	49.9	46.9	44.4	37.7	44.9
1921	42.3	39.7	39.6	40.6	45.0	50.5	55.3	50.5	49.6	48.0	40.8	40.9	45.2
1922	36.1	38.4	38.0	36.6	48.1	50.1	50.2	50.0	48.4	45.3	41.8	39.6	43.5
1923	39.6	40.6	40.7	40.9	42.3	50.4	56.1	51.7	48.6	45.7	35.8	37.8	44.2
1924	39.5	37.9	36.1	38.6	46.0	51.3	52.5	50.7	48.4	44.2	42.5	41.3	44.1
1925	39.4	36.3	38.1	40.0	46.0	50.7	55.0	52.3	47.2	45.4	34.3	36.6	43.4
1926	39.6	41.9	40.5	42.6	44.5	50.0	56.6	54.7	51.7	42.9	39.3	39.0	45.3
1927	38.1	37.4	41.7	41.5	45.9	48.1	55.2	54.2	48.5	46.0	39.5	38.0	44.5
1928	38.5	39.8	39.5	40.9	45.8	48.1	53.9	51.9	49.3	47.6	42.9	38.4	44.7
1929	36.4	37.0	36.5	40.0	45.5	50.1	54.2	54.2	52.4	45.2	40.9	39.2	44.3
1930	37.6	34.6	37.1	41.5	46.2	51.2	*54.2	53.1	51.3	47.5	39.7	39.0	44.4
1931	36.0	37.4	37.1	41.9	46.5	52.6	54.4	53.0	48.6	44.4	43.1	42.0	44.7
1932	41.8	38.0	37.8	39.4	46.4	51.7	55.7	55.9	49.4	42.8	42.3	42.7	45.3
1933	35.4	37.4	40.8	44.4	48.0	52.7	57.2	56.1	53.3	47.2	40.2	37.5	45.9
1934	39.5	37.1	37.5	40.6	46.2	53.1	57.0	53.3	51.3	47.0	42.0	45.5	45.8
1935	39.8	40.0	41.2	41.1	44.5	52.4	55.8	54.8	51.0	45.1	40.2	36.5	45.2
1936	36.0	36.4	41.5	39.4	45.9	51.3	54.0	55.5	52.6	46.6	39.2	40.5	44.9
1937	39.2	38.4	34.6	44.8	47.4	51.9	54.5	55.1	50.1	44.9	42.0	36.3	44.9
1938	39.4	40.3	44.7	41.0	46.9	50.6	52.8	53.1	51.3	46.8	45.0	37.5	45.8
1939	36.3	39.3	39.5	42.7	46.6	50.7	53.7	54.6	52.9	44.7	45.1	37.4	45.3
1940	31.6	38.8	39.9	43.8	47.6	53.8	52.3	54.8	49.9	47.2	41.9	38.7	45.0
1941	33.6	35.3	37.6	40.9	44.0	52.5	55.5	53.3	54.2	48.3	42.0	42.4	45.0
1942	*37.4	*34.3	40.1	43.6	46.5	*50.4	*54.3	54.9	50.9	45.1	37.7	42.3	*44.8
1943	*39.7	40.6	*40.7	*45.5	*46.0	51.4	53.6	54.1	50.5	47.2	40.8	38.1	*45.7
1944	*41.4	*37.2	37.2	*44.7	*46.0	50.1	55.2	55.3	47.7	43.7	*39.7	38.1	*44.7
1945	31.8	39.9	40.6	*43.2	*45.2	50.7	54.2	54.4	53.0	49.4	43.8	41.7	*45.7
1946	36.9	40.7	38.7	43.4	45.3	49.5	53.3	52.1	52.0	48.7	43.4	35.6	45.0
1947	36.0	31.4	35.9	42.6	47.0	52.2	53.8	56.3	52.4	48.4	42.2	39.5	44.8
1948	37.4	38.9	42.4	42.3	44.6	49.8	53.3	53.4	51.4	47.0	43.8	40.0	45.4
1949	39.8	41.0	39.6	43.7	45.5	51.8	56.1	54.9	54.2	48.3	41.6	39.3	46.3
1950	39.7	38.1	41.5	40.8	*47.3	53.5	55.0	53.6	49.6	46.2	37.9	33.3	44.7
1951	36.6	33.8	36.5	38.3	43.6	50.1	54.8	52.4	52.3	47.7	42.6	38.6	43.9
1952	33.5	35.4	40.3	41.5	47.3	50.5	54.8	53.7	46.9	44.0	38.6	36.5	43.6
1953	38.3	39.2	37.0	38.6	48.2	51.7	54.5	54.9	52.8	46.9	45.3	43.7	45.9
1954	38.5	37.4	40.0	42.4	46.6	50.9	52.9	52.4	49.6	49.9	40.4	43.1	45.3
1955	36.7	33.9	35.5	44.7	44.8	51.9	56.3	58.1	53.3	44.5	44.7	41.9	45.5
1956	36.5	33.3	42.0	41.3	47.8	50.6	55.0	51.6	53.9	46.6	42.8	42.6	45.3
1957	40.5	38.8	46.4	43.6	46.6	52.1	56.1	54.7	50.8	47.6	42.5	39.9	46.6
1958	37.4	39.4	37.4	42.7	45.8	51.7	54.9	55.4	54.4	48.5	43.7	38.4	45.8
1959	33.9	39.9	42.4	43.9	48.2	52.5	56.4	56.6	52.1	50.0	42.9	40.4	46.6
1960	38.4	36.0	42.3	44.2	49.8	54.4	54.8	54.0	51.1	46.9	42.7	36.7	45.9
1961	37.3	43.1	44.1	45.6	47.4	52.3	54.0	53.8	52.9	46.5	42.5	35.6	46.3
1962	38.5	39.7	35.0	41.6	45.5	49.9	53.5	53.2	49.8	47.4	41.7	37.5	44.4
1963	31.9	33.0	40.4	43.3	45.7	51.7	53.0	53.2	49.3	48.8	42.3	38.4	44.3

TABLE 4 — Monthly and Annual Averages of Range of Temperature (°F)
at Trinity College, Dublin for the years 1904 to 1963

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1904	9.6	8.6	10.1	12.7	13.5	12.5	13.2	13.8	12.1	11.0	9.6	9.2	11.3
1905	8.4	9.4	13.3	11.1	13.9	12.6	14.2	12.4	11.7	12.3	10.2	6.5	11.3
1906	9.3	11.1	11.3	15.3	12.0	13.9	14.1	14.4	16.1	12.1	10.7	9.4	12.5
1907	9.3	11.1	14.6	13.9	13.3	13.4	13.0	13.3	11.8	10.3	10.7	8.4	11.9
1908	10.1	8.3	12.5	12.8	13.1	13.6	12.8	12.9	11.9	11.2	10.1	10.5	11.7
1909	9.2	9.0	10.7	13.8	15.5	12.9	12.9	13.7	13.0	12.5	10.9	9.5	12.0
1910	10.7	11.5	12.5	13.3	13.4	12.5	12.9	12.7	14.2	12.0	10.1	10.7	11.7
1911	10.3	11.1	9.8	13.8	14.4	14.7	17.7	14.6	14.8	12.1	10.7	12.2	13.0
1912	9.5	11.5	13.6	15.7	13.3	12.9	13.3	12.4	12.4	14.3	10.6	11.8	12.6
1913	11.1	11.3	13.7	13.7	12.8	14.6	13.9	14.4	12.2	10.4	10.3	8.8	12.3
1914	8.6	12.8	13.8	15.6	14.4	16.6	13.9	15.2	*14.3	11.4	12.3	11.4	13.4
1915	9.3	12.6	12.2	13.6	13.2	13.9	12.9	13.5	15.1	13.9	11.5	10.4	12.7
1916	10.5	11.3	10.4	*14.5	*12.0	15.4	14.7	14.3	12.3	10.8	9.3	8.7	*12.0
1917	6.4	9.4	11.5	13.3	13.2	13.8	13.9	14.0	13.0	12.5	9.3	8.7	11.6
1918	8.9	8.5	11.8	12.3	14.3	15.0	15.5	13.6	12.4	12.0	11.4	8.6	12.0
1919	8.3	8.2	11.4	13.4	14.5	15.8	14.5	14.9	14.7	13.5	11.2	10.7	12.6
1920	11.9	10.4	11.9	11.4	12.7	12.9	12.7	12.1	13.7	11.7	9.8	9.3	11.7
1921	9.9	8.6	13.4	13.5	13.8	15.0	16.7	14.1	14.5	13.1	11.8	11.0	12.9
1922	11.0	11.3	10.1	12.7	13.9	12.3	12.1	11.7	12.1	9.4	9.9	9.0	11.3
1923	10.2	9.3	10.0	10.5	12.3	10.5	11.2	12.1	11.9	10.9	10.1	10.7	10.8
1924	9.8	8.4	11.7	13.7	10.9	9.7	12.0	12.5	12.0	11.9	10.5	11.3	11.2
1925	10.6	10.9	11.1	12.7	9.7	16.1	12.6	14.6	13.5	12.7	13.2	9.1	12.2
1926	9.8	8.8	9.7	12.1	10.8	*10.6	11.7	14.0	12.0	11.4	10.7	7.3	10.8
1927	8.9	11.7	10.2	14.0	11.3	10.5	10.3	12.1	12.0	12.5	10.9	6.5	10.9
1928	11.8	10.7	9.4	12.1	15.4	13.7	13.3	*14.3	13.6	10.4	10.0	9.6	12.0
1929	8.5	7.2	16.6	13.1	15.0	13.1	13.0	12.0	13.5	10.8	10.8	9.8	11.9
1930	10.9	8.5	11.6	11.5	11.9	13.4	*11.4	11.7	9.2	9.5	10.4	9.2	10.8
1931	9.3	10.3	10.2	11.7	11.9	11.2	11.2	12.2	12.8	9.9	7.9	10.9	10.9
1932	10.0	8.2	11.6	12.1	10.6	14.2	12.1	11.3	12.3	12.1	9.0	7.5	10.9
1933	10.6	10.2	12.7	12.5	12.1	13.0	14.0	15.7	13.4	10.1	9.4	8.2	11.8
1934	11.0	10.9	12.6	11.6	13.5	13.3	14.9	13.0	13.8	10.6	8.5	7.4	11.8
1935	8.4	10.4	11.6	12.4	13.2	13.1	14.2	16.1	12.2	11.9	10.4	8.6	11.9
1936	9.3	9.0	9.0	11.3	12.4	14.1	11.4	13.2	11.0	11.3	9.7	9.2	10.9
1937	9.4	10.6	10.1	9.8	13.3	12.0	12.9	13.4	12.9	11.2	8.3	8.2	11.0
1938	10.1	8.3	11.2	14.5	11.3	13.0	11.7	12.4	12.3	11.6	9.2	9.2	11.2
1939	9.1	11.3	11.0	12.5	14.1	15.0	11.7	12.6	10.4	10.6	9.1	7.9	11.3
1940	9.4	8.1	12.2	11.2	12.8	15.7	12.8	13.5	13.3	9.0	9.3	8.8	11.3
1941	6.7	10.8	11.4	8.7	12.6	12.5	12.3	13.0	12.3	10.4	9.0	7.5	10.6
1942	*8.6	*9.6	*10.4	*10.8	13.0	*15.2	*13.2	11.8	11.5	11.6	10.6	9.5	*11.3
1943	*8.7	*10.4	*11.2	*13.0	*13.0	*12.4	13.0	*11.6	10.0	*10.9	9.8	*8.5	*11.1
1944	*9.7	*9.5	13.0	*11.8	*13.0	*12.9	*11.5	*14.0	*14.2	*11.2	*11.2	10.1	*11.8
1945	*10.5	*13.7	14.5	*14.2	*14.3	*13.9	*12.9	12.1	10.8	9.4	8.9	8.7	*12.0
1946	10.2	8.2	10.7	11.5	9.7	11.2	11.4	*10.0	*8.7	6.9	8.8	10.7	*9.8
1947	9.0	5.5	9.6	*12.4	10.8	10.1	10.9	12.6	11.8	10.7	9.9	7.9	10.1
1948	9.3	9.2	13.9	12.7	*9.6	10.7	*12.2	*11.4	10.9	10.5	11.8	10.4	*11.1
1949	10.2	10.6	11.7	13.7	14.1	13.5	11.8	11.7	10.8	11.8	10.9	10.4	11.8
1950	9.6	11.2	12.2	12.7	*11.3	14.6	12.1	12.8	12.1	10.8	11.2	8.0	11.5
1951	10.0	11.5	11.1	14.4	12.7	15.1	14.0	13.1	11.9	10.7	10.8	11.0	12.2
1952	11.0	11.5	11.4	15.7	15.3	15.2	14.2	14.3	12.9	12.0	10.3	10.8	12.9
1953	10.1	10.3	13.2	14.3	15.0	13.1	12.8	13.8	11.8	11.3	8.9	9.0	12.0
1954	7.9	9.3	10.3	12.9	12.5	11.8	11.6	12.3	12.0	10.9	11.5	7.4	10.9
1955	9.2	9.3	12.4	13.4	12.5	10.4	14.6	13.2	13.1	12.5	7.6	9.0	11.4
1956	9.7	10.3	9.4	13.2	14.5	13.9	11.5	12.4	9.2	10.9	7.7	8.5	10.9
1957	9.5	10.1	9.8	12.1	13.4	14.5	10.5	11.4	10.9	11.4	8.4	8.9	10.9
1958	9.7	9.4	9.5	11.6	12.6	11.4	11.1	10.6	10.6	10.4	9.2	9.8	10.5
1959	10.1	10.8	10.7	12.6	13.7	14.5	13.2	13.0	14.2	10.9	8.9	9.2	11.8
1960	9.2	10.8	6.9	12.7	13.5	14.1	11.8	12.2	11.8	10.4	8.9	8.7	10.9
1961	9.6	10.3	12.4	11.6	13.0	13.7	12.1	13.9	12.7	11.5	9.0	10.3	11.7
1962	9.7	8.8	12.3	13.0	14.6	15.6	11.8	13.1	11.9	11.9	8.2	9.4	11.7
1963	6.6	7.9	12.6	11.6	13.4	13.5	13.5	12.4	14.4	11.2	11.0	8.0	11.3

Table 5 — Temperature at Trinity College, Dublin for

Year	Jan.		Feb.		Mar.		April		May		June	
	Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max.	Date
1904	55	27	56	21	61	19	61	29	70	16	71	30
1905	54	6	56	16	62	22	59	27	70	28	75	26
1906	55	27	50	1	60	16	63	16	69	28	77	21
1907	54	1	55	18	64	29	66	23	65	27	66	14
1908	56	16	54	22	58	8	64	30	71	26	71	22
1909	54	18	56	4	56	24	70	10	73	21	67	18
1910	57	2	56	5	56	7	65	18	70	22	72	10
1911	56	25	59	21	57	2	64	22	70	24	72	5
1912	55	13	59	22	60	13	63	16	71	11	70	12
1913	57	7	57	7	58	4	60	30	68	24	76	17
1914	57	8	59	3	61	31	69	21	70	16	77	30
1915	55	13	57	3	56	4	61	19	70	22	70	8
1916	58	6	54	6	59	31	*63	26	*76	19	72	17
1917	58	1	53	17	59	16	62	29	69	24	71	14
1918	58	28	56	4	66	23	61	27	73	21	76	2
1919	54	14	48	19	55	2	63	19	70	27	77	11
1920	61	17	63	29	59	23	59	15	71	22	69	20
1921	57	3	53	22	62	24	62	30	66	21	76	17
1922	58	9	59	24	56	3	55	22	81	31	73	1
1923	58	31	58	2	57	29	61	30	*63	1	69	23
1924	53	12	51	4	57	22	65	20	67	30	72	23
1925	58	13	55	3	59	16	59	14	60	15	75	9
1926	57	10	58	27	57	6	59	14	66	26	*79	20
1927	55	9	56	13	61	19	66	20	63	23	64	17
1928	60	21	60	15	57	17	61	25	68	30	68	22
1929	61	30	55	2	71	30	64	17	69	21	71	11
1930	56	7	50	28	58	25	59	1	66	27	71	19
1931	53	31	58	25	58	27	65	10	67	26	73	27
1932	58	3	50	1	57	21	60	9	65	13	73	30
1933	59	2	59	8	63	28	66	7	67	22	76	4
1934	57	10	52	13	59	25	62	14	69	21	78	16
1935	55	1	58	15	61	20	62	9	68	6	76	22
1936	56	9	52	17	60	31	62	28	66	19	73	26
1937	55	11	55	2	52	17	65	23	69	29	71	27
1938	58	22	60	28	62	31	62	6	65	12	73	24
1939	57	7	61	10	57	2	65	19	72	23	77	6
1940	54	7	62	20	61	18	63	25	69	27	84	8
1941	49	28	57	8	58	16	58	12	67	31	75	21
1942	55	23	53	3	63	24	62	11	71	6	78	3
1943	55	20	55	5	57	16	65	11	68	26	74	29
1944	57	29	57	1	58	26	*68	30	*73	26	77	22
1945	54	30	*61	17	59	28	*67	20	*72	12	*73	19
1946	54	25	55	6	58	31	62	15	59	29	75	22
1947	56	3	40	10	56	22	*64	15	68	29	70	1
1948	57	1	57	8	66	9	62	26	*68	15	71	25
1949	57	7	57	15	57	16	*68	27	72	13	*80	26
1950	58	11	58	15	59	2	62	29	*71	31	76	6
1951	58	16	56	1	60	22	63	25	68	12	72	30
1952	54	6	54	18	59	8	64	18	74	17	76	29
1953	55	11	62	26	66	25	64	23	71	23	77	25
1954	58	20	59	21	60	20	63	15	67	31	71	17
1955	57	29	56	7	55	16	69	20	67	31	70	22
1956	55	27	55	29	58	6	63	30	71	30	77	11
1957	59	5	55	24	66	12	61	14	68	30	75	21
1958	57	27	58	14	62	30	64	30	74	2	70	12
1959	55	19	58	25	62	22	61	12	71	26	74	17
1960	57	22	59	28	56	1	63	23	72	8	79	17
1961	56	26	61	12	64	5	63	17	71	13	76	30
1962	55	31	54	4	59	29	65	24	68	6	77	8
1963	43	27	49	27	60	15	68	26	67	16	76	11

the years 1904 to 1963: Highest Maximum (°F) and Date of Occurrence

July		Aug.		Sept.		Oct.		Nov.		Dec.		Year	
Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max.	Date	Max.	Date
75	20	77	3	70	5	65	21	59	9	59	4	77	Aug. 3
82	14	69	6	69	4	64	9	56	22	55	24	82	July 14
77	22	80	31	81	2	65	6	65	24	55	4	81	Sept. 2
79	17	74	13	73	10	66	6	57	4	56	20	79	July 17
75	30	77	3	76	30	70	2	61	11	59	21	77	Aug. 3
74	2	78	12	67	19	68	3	58	3	57	10	78	Aug. 12
74	27	72	20	70	27	65	1	55	13	56	23	74	July 27
81	13	80	17	75	5	64	18	58	5	58	18	81	July 13
74	15	68	16	70	3	63	13	66	7	58	14	74	July 15
74	23	77	14	72	11	65	13	59	10	57	8	77	Aug. 14
76	12	77	14	*74	2	66	3	59	8	55	6	77	June 30
72	2	72	11	76	18	66	13	55	8	56	10	76	Sept. 18
79	22	76	4	70	6	70	3	61	10	55	28	79	July 22
78	13	75	3	70	3	68	1	59	29	54	7	78	July 13
74	4	78	20	69	16	64	9	58	4	62	4	78	Aug. 20
70	31	77	15	77	10	69	4	58	23	55	5	77	June 11
69	10	70	8	72	25	65	9	61	14	58	3	72	Sept. 25
84	9	73	1	76	7	71	5	59	2	57	5	84	July 9
72	29	70	20	69	5	67	4	58	13	57	12	81	May 31
76	6	71	8	72	29	65	1	57	13	53	7	76	July 6
73	15	70	1	69	8	60	14	59	23	58	12	73	July 15
74	23	74	12	70	1	66	4	57	2	58	29	75	June 9
79	11	77	15	73	16	69	3	60	4	53	5	*79	June 20
73	9	70	4	72	8	67	25	65	2	53	5	73	July 9
79	14	*75	5	75	4	66	8	64	12	57	25	79	July 14
77	16	73	3	80	8	67	14	60	11	58	2	80	Sept. 8
73	8	78	27	71	23	67	14	58	9	58	18	78	Aug. 27
71	12	72	6	66	15	69	4	62	2	58	4	73	June 27
79	10	75	5	72	1	60	6	60	2	61	17	79	July 10
82	5	80	6	78	3	65	9	56	6	53	25	82	July 5
85	10	75	15	72	14	65	6	56	3	57	1	85	July 10
80	13	78	10	70	12	66	15	59	3	52	31	80	July 13
74	4	76	17	73	3	64	15	56	16	58	17	76	Aug. 17
77	14	77	2	73	7	65	18	59	3	59	24	77	July 14
72	30	71	7	71	8	69	13	64	12	59	4	73	June 24
71	29	75	14	75	1	62	11	60	29	59	9	77	June 6
69	8	80	31	75	3	62	4	61	2	57	16	84	June 8
74	9	77	1	75	1	68	8	59	24	56	10	77	Aug. 1
74	21	75	7	72	8	68	14	55	6	58	9	78	June 3
80	31	73	29	69	13	66	5	59	10	54	26	80	July 31
*72	26	*78	1	*67	4	60	10	27	4	56	1	78	Aug. 1
*75	29	73	10	75	11	67	6	59	8	57	1	75	July 29
73	1	72	4	66	27	62	2	65	4	53	24	75	June 22
77	28	75	16	75	2	66	11	65	20	56	24	77	July 28
80	29	72	29	70	7	67	1	*63	19	63	2	80	July 29
79	3	78	29	72	5	*70	3	58	15	56	27	*80	June 26
72	18	71	3	72	4	66	18	55	1	53	9	76	June 6
75	16	73	3	70	5	70	16	59	16	59	15	75	July 16
76	26	74	12	69	3	61	2	59	2	57	8	76	June 29
72	1	76	3	79	6	69	1	60	14	61	2	79	Sept. 6
70	16	77	31	67	1	68	1	61	11	61	2	77	Aug. 31
79	13	79	24	76	6	68	11	59	7	58	6	79	July 13
76	24	71	16	73	24	66	14	58	8	57	6	77	June 11
74	22	71	6	69	6	67	8	59	21	57	19	75	June 21
78	5	72	30	70	14	65	14	60	2	55	27	78	July 5
80	25	78	23	75	12	72	3	60	23	57	29	80	July 25
72	3	72	22	75	10	64	3	60	30	54	2	79	June 17
72	30	77	28	72	1	65	13	61	1	58	13	77	Aug. 28
73	29	70	29	69	5	66	6	58	1	56	7	77	June 8
80	30	72	1	73	15	66	11	59	11	55	28	80	July 30

Table 6 — Temperature at Trinity College, Dublin for

Year	Jan.		Feb.		Mar.		April		May		June	
	Min.	Date	Min.	Date	Min.	Date	Min.	Date	Min.	Date	Min.	Date
1904	30	31	30	17	29	12	36	21	37	8	45	27
1905	30	26	32	20	29	3	31	8	37	4	46	11
1906	29	23	28	18	30	3	30	2	35	10	42	30
1907	27	25	27	3	31	31	31	28	30	18	40	17
1908	21	5	33	29	28	5	24	24	41	7	45	7
1909	32	16	27	14	26	3	35	30	34	2	42	7
1910	21	27	29	1	32	26	30	1	35	9	43	1
1911	29	13	27	1	32	14	*33	4	41	21	42	15
1912	26	30	22	3	32	11	34	1	37	13	44	1
1913	25	13	31	14	26	18	32	13	36	7	42	12
1914	26	1	29	24	28	25	33	7	34	25	41	8
1915	23	24	26	24	27	19	35	13	34	15	42	20
1916	35	28	31	27	26	4	*29	2	*38	4	38	7
1917	28	16	18	6	27	8	23	1	35	7	46	30
1918	23	8	31	28	30	2	32	3	42	5	40	16
1919	30	28	28	28	27	30	32	2	38	8	39	26
1920	29	6	29	5	29	8	34	18	37	4	42	5
1921	31	14	31	21	29	7	30	16	35	5	42	1
1922	28	12	29	11	32	21	30	2	36	2	42	14
1923	30	1	30	23	33	24	33	24	34	12	42	2
1924	29	14	33	10	25	3	32	1	35	4	45	14
1925	31	24	28	14	30	9	31	3	38	5	45	2
1926	29	18	35	11	33	4	36	21	34	16	42	2
1927	26	20	26	13	34	12	34	26	31	1	42	9
1928	29	1	35	2	20	13	31	20	38	9	41	15
1929	28	17	29	17	27	18	33	21	33	1	43	25
1930	28	16	27	20	26	19	32	6	39	8	45	8
1931	27	5	32	19	27	10	35	3	37	3	45	20
1932	31	27	31	16	28	13	31	3	35	7	41	5
1933	26	18	29	3	35	2	31	22	43	14	48	10
1934	30	29	26	18	30	9	30	7	36	17	47	4
1935	31	8	27	26	31	14	34	3	34	17	42	9
1936	26	13	28	4	32	4	32	17	38	31	40	1
1937	32	8	30	12	28	10	36	12	41	11	47	1
1938	32	2	34	14	34	8	33	11	34	8	41	5
1939	25	6	22	3	*30	18	33	7	35	3	44	12
1940	20	15	29	13	31	14	33	16	42	6	46	24
1941	19	6	27	26	30	20	35	10	34	15	43	11
1942	30	11	25	26	27	7	37	2	39	1	39	13
1943	31	3	30	8	32	12	39	6	33	10	45	4
1944	34	4	29	27	29	3	35	7	37	6	45	10
1945	19	26	31	2	31	2	30	30	30	1	45	17
1946	21	20	28	27	25	2	37	6	36	15	42	3
1947	23	30	17	23	24	2	35	4	38	3	46	6
1948	29	25	29	21	30	6	31	5	34	24	42	1
1949	30	3	36	3	29	11	32	9	38	1	43	1
1950	25	22	30	5	33	1	31	14	39	19	44	21
1951	27	3	27	3	27	11	33	7	37	8	43	2
1952	25	28	27	12	31	26	28	1	40	7	41	3
1953	28	5	29	5	27	6	33	3	36	1	42	3
1954	29	29	28	6	29	2	34	6	39	1	45	3
1955	25	19	26	18	30	31	32	1	36	18	42	10
1956	27	9	23	19	36	14	34	19	38	19	42	14
1957	32	25	26	20	40	21	35	12	36	6	40	10
1958	23	22	31	6	26	10	32	4	38	13	46	23
1959	26	16	29	2	34	13	37	29	36	4	47	1
1960	31	29	26	14	36	9	36	16	43	1	47	30
1961	28	15	34	3	35	27	38	16	40	28	44	1
1962	22	2	31	27	24	4	36	6	39	25	39	1
1963	22	23	26	4	31	31	32	12	38	2	47	23

the years 1904 to 1963 : Lowest Minimum (°F) and Date of Occurrence

July		Aug.		Sept.		Oct.		Nov.		Dec.		Year	
Min.	Date	Min.	Date	Min.	Date	Min.	Date	Min.	Date	Min.	Date	Min.	Date
48	7	44	20	41	28	34	27	27	22	29	22	27	Nov. 22
49	6	46	31	39	26	31	21	23	19	32	10	23	Nov. 19
46	4	42	30	39	28	32	30	33	20	21	30	21	Dec. 30
43	11	43	30	39	4	33	24	31	25	27	24	27	Jan. 25
49	15	47	11	39	12	38	25	31	30	27	16	21	Jan. 5
45	28	47	31	40	18	30	30	29	16	17	21	17	Dec. 21
46	8	48	22	41	20	38	12	27	30	30	28	21	Jan. 27
41	3	51	30	40	21	31	29	28	11	31	25	27	Feb. 1
45	19	42	12	40	24	31	4	26	30	28	1	22	Feb. 3
43	8	46	12	41	18	30	24	37	22	25	31	25	Jan. 13
46	3	48	5	*35	21	37	20	28	19	19	22	19	Dec. 22
43	27	44	30	35	29	29	30	23	18	27	19	23	Jan. 24
45	8	45	30	43	20	39	24	33	27	25	27	25	Dec. 27
44	1	44	27	46	18	29	29	33	26	27	11	18	Feb. 6
41	10	46	29	38	30	34	24	28	19	30	26	23	Jan. 8
41	6	44	30	36	28	32	27	20	15	32	28	20	Nov. 15
42	29	42	20	38	23	35	29	31	23	29	11	29	Jan. 6
48	24	41	30	41	16	34	24	29	9	30	4	29	Mar. 7
44	11	40	26	39	18	33	31	31	4	33	20	28	Jan. 12
52	1	43	30	42	18	38	14	26	22	30	25	26	Nov. 22
48	3	46	27	42	10	39	1	31	13	35	30	25	Mar. 3
51	1	45	25	34	13	32	14	25	12	24	23	24	Dec. 23
50	27	50	1	40	27	29	31	30	1	28	15	28	Dec. 15
49	1	46	30	40	27	37	20	30	9	28	8	26	Jan. 20
46	28	44	1	40	27	35	1	35	28	31	8	20	Mar. 13
48	5	46	5	44	13	33	27	30	14	28	17	27	Mar. 18
47	12	47	5	42	26	40	9	29	28	28	10	26	Mar. 19
51	16	44	26	42	6	30	25	34	16	32	30	27	Jan. 5
47	18	46	2	36	24	35	28	35	8	35	4	28	Mar. 13
51	30	48	22	40	14	34	26	31	23	30	27	26	Jan. 18
50	3	45	31	43	2	33	31	32	1	35	14	26	Feb. 18
48	25	45	27	42	25	36	21	29	17	21	23	21	Dec. 23
49	27	49	7	40	29	38	7	27	21	33	9	26	Jan. 13
49	8	47	26	42	21	35	27	31	21	25	18	25	Dec. 18
49	1	45	31	41	15	39	28	35	20	22	23	22	Dec. 23
45	1	47	6	42	29	35	20	37	24	27	29	22	Feb. 3
49	17	48	12	38	29	35	27	32	15	28	28	20	Jan. 15
49	4	48	5	45	18	35	30	30	19	29	30	19	Jan. 6
49	1	48	23	36	26	33	28	30	4	33	1	25	Feb. 26
46	7	47	12	36	27	37	23	31	15	28	13	28	Dec. 13
51	3	48	31	38	11	38	24	31	27	28	29	28	Dec. 29
*50	1	47	6	44	9	38	14	33	27	34	29	19	Jan. 26
46	15	44	16	47	20	41	30	33	22	27	21	21	Jan. 20
48	7	51	10	41	30	41	31	28	30	24	1	17	Feb. 23
47	5	45	19	39	21	32	26	33	22	33	23	29	Jan. 25
49	7	46	17	46	18	34	27	33	20	28	11	28	Dec. 11
49	1	48	29	43	23	35	28	28	26	25	4	25	Jan. 22
45	14	45	13	46	17	34	23	32	13	28	11	27	Jan. 3
45	3	49	17	36	18	33	15	30	24	27	15	25	Jan. 28
50	10	49	26	43	28	35	29	38	28	33	20	27	Mar. 6
44	5	45	16	40	28	33	26	30	24	32	11	28	Feb. 6
48	2	54	8	44	14	33	31	34	30	34	30	25	Jan. 19
49	30	46	22	44	1	38	30	33	24	29	27	23	Feb. 19
50	10	45	28	42	30	39	1	31	7	29	16	26	Feb. 20
47	24	48	23	45	26	41	28	35	25	27	14	23	Jan. 22
50	10	48	16	42	27	37	29	33	12	33	9	26	Jan. 16
50	16	47	10	43	24	38	13	32	18	28	15	26	Feb. 14
48	5	46	12	45	24	39	20	34	11	19	31	19	Dec. 31
45	5	47	6	39	27	37	27	29	19	23	29	22	Jan. 2
47	20	47	15	43	25	41	22	27	30	25	20	22	Jan. 23

Table 7 — Temperature at Trinity College, Dublin for the years

Year	Jan.		Feb.		Mar.		April		May		June	
	Min.	Date	Min.	Date	Min.	Date	Min.	Date	Min.	Date	Min.	Date
1904	22	31	27	1	22	12	32	17	33	20	38	27
1905	22	18	27	22	21	3	21	8	27	5	36	11
1906	24	23	18	18	22	14	21	2	29	2	39	30
1907	21	24	17	3	22	3	22	5	23	21	35	7
1908	13	5	29	29	21	5	18	24	32	7	34	15
1909	23	26	20	13	14	5	22	6	25	2	33	7
1910	13	27	21	1	21	29	20	1	26	11	36	1
1911	18	31	15	1	23	17	25	8	29	21	32	15
1912	11	29	13	3	24	21	27	3	28	13	35	1
1913	21	6	22	17	15	18	25	7	29	7	37	4
1914	19	1	21	24	21	25	30	15	29	25	35	11
1915	17	25	21	16	22	22	28	23	25	3	36	20
1916	28	28	25	12	19	4	22	2	31	4	32	14
1917	21	16	10	6	21	13	16	1	24	7	39	25
1918	18	9	26	25	22	24	15	15	32	7	33	26
1919	19	11	16	26	15	13	23	22	28	8	34	14
1920	19	6	16	5	20	8	25	18	32	4	36	5
1921	25	15	21	21	22	7	27	12	31	5	35	29
1922	24	20	26	11	27	21	24	2	30	2	36	4
1923	27	1	25	23	29	14	28	24	30	12	36	2
1924	23	14	23	17	18	3	23	5	29	9	41	3
1925	24	6	24	14	24	10	27	3	34	5	40	22
1926	25	18	28	11	26	20	31	12	28	16	36	5
1927	21	20	23	2	26	12	28	2	28	1	34	11
1928	22	1	27	23	12	13	28	6	35	9	39	15
1929	23	8	24	11	21	2	28	21	26	1	37	1
1930	21	16	19	20	21	17	25	6	35	1	41	8
1931	19	6	23	19	20	2	28	29	32	2	42	13
1932	20	27	22	10	20	14	26	3	28	8	35	5
1933	21	18	21	3	27	2	24	22	37	1	41	12
1934	23	29	21	27	21	9	25	7	32	15	40	4
1935	20	5	15	26	18	14	25	12	28	18	39	9
1936	17	13	22	4	24	3	27	17	33	3	35	5
1937	25	19	26	12	22	10	28	12	32	14	44	10
1938	29	1	29	11	31	7	26	4	29	8	35	5
1939	17	6	18	3	25	18	27	7	32	6	37	4
1940	15	18	25	13	24	2	28	11	36	18	40	24
1941	16	5	20	25	23	30	27	10	26	15	40	13
1942	20	11	17	26	20	7	30	2	30	3	33	13
1943	23	4	28	19	25	12	30	21	31	11	39	4
1944	28	4	21	29	20	3	27	7	30	21	38	26
1945	16	26	23	15	29	3	23	30	24	1	40	4
1946	18	20	20	27	15	2	29	10	29	15	39	11
1947	14	31	14	23	19	1	27	5	35	11	43	16
1948	21	23	22	26	26	6	28	4	31	3	37	9
1949	25	25	28	4	23	10	27	9	35	4	39	1
1950	19	22	24	5	25	1	29	14	36	19	42	15
1951	22	27	20	3	20	11	28	11	30	7	36	2
1952	16	21	16	26	24	26	24	1	32	1	36	16
1953	20	5	20	8	24	6	28	7	34	1	37	6
1954	22	7	19	20	19	2	27	28	33	7	38	3
1955	15	19	19	21	19	31	23	1	31	3	38	10
1956	23	9	15	3	29	31	26	19	30	19	36	10
1957	22	25	18	20	31	9	32	20	30	6	35	10
1958	18	22	23	9	20	12	25	12	31	13	42	5
1959	20	16	20	2	23	13	29	4	31	6	43	1
1960	23	29	20	22	28	4	29	17	33	1	40	30
1961	17	15	27	3	25	5	32	7	31	28	37	1
1962	17	2	24	14	15	6	27	22	32	31	31	1
1963	10	23	14	25	19	13	22	12	29	2	39	23

1904 to 1963 : Lowest Minimum (°F) on the Grass and Date of Occurrence

July		Aug.		Sept.		Oct.		Nov.		Dec.		Year	
Min.	Date	Min.	Date	Min.	Date	Min.	Date	Min.	Date	Min.	Date	Min.	Date
42	7	40	24	33	28	27	13	21	26	20	8	20	Dec. 8
42	4	36	22	30	27	22	21	21	9	22	10	21	Apr. 8
39	4	39	30	31	28	23	20	25	18	12	30	12	Dec. 30
33	11	37	24	31	4	28	16	24	19	21	24	17	Feb. 3
39	29	38	15	32	12	29	25	20	30	23	30	13	Jan. 5
40	12	39	30	33	14	18	30	20	16	10	21	10	Dec. 21
39	11	40	18	36	30	30	9	20	19	23	28	13	Jan. 27
39	11	41	11	29	21	20	29	18	22	19	8	15	Feb. 1
41	9	36	12	34	24	26	25	20	30	22	1	11	Jan. 29
38	8	42	12	37	19	26	24	26	4	19	31	15	Mar. 18
41	26	40	12	*30	21	30	3	22	18	19	22	19	Jan. 1
39	14	42	30	30	29	24	30	18	18	22	19	17	Jan. 25
39	1	40	8	36	10	28	26	27	21	15	27	15	Dec. 27
36	1	35	27	37	18	19	29	25	26	15	11	10	Feb. 6
40	10	39	29	29	29	27	23	20	19	20	26	15	Apr. 15
34	6	34	31	26	24	23	28	14	30	22	16	14	Nov. 30
40	5	41	19	30	23	28	29	25	23	22	23	16	Feb. 5
37	24	32	31	25	25	25	23	17	12	22	4	17	Nov. 12
37	11	35	26	36	10	29	31	26	5	26	20	24	Jan. 20
46	18	41	24	33	24	30	15	24	24	23	25	23	Dec. 25
43	4	41	27	38	26	34	1	25	4	29	14	18	Mar. 3
44	30	41	2	30	13	28	14	20	13	21	23	20	Nov. 13
46	27	40	28	32	21	21	31	20	1	22	15	20	Nov. 1
42	1	34	30	35	26	30	20	28	8	24	8	21	Jan. 20
39	28	40	2	36	27	29	23	30	9	27	4	12	Mar. 13
42	1	41	5	36	11	25	27	20	14	20	17	20	Nov. 14
36	5	42	5	36	2	25	27	22	17	21	10	19	Feb. 20
45	16	36	26	34	8	23	25	25	22	26	1	19	Jan. 6
42	18	43	2	31	29	30	28	28	6	26	31	20	Jan. 27
48	16	45	22	35	16	29	26	25	23	24	27	21	Jan. 18
44	3	38	31	37	2	27	31	25	1	25	14	21	Feb. 27
43	31	41	27	36	29	28	21	21	19	18	23	15	Feb. 26
49	8	45	18	35	29	32	8	24	22	28	7	17	Jan. 13
43	10	46	7	39	11	30	27	28	21	24	18	22	Mar. 10
43	22	41	31	38	30	34	28	24	27	16	22	16	Dec. 22
41	1	43	5	31	29	25	21	28	5	22	7	17	Jan. 6
42	2	40	12	34	29	29	27	23	15	21	28	15	Jan. 18
41	4	40	7	37	19	25	26	25	19	22	30	16	Jan. 5
40	1	42	23	30	26	26	28	25	23	26	30	17	Feb. 26
40	3	40	24	30	27	28	23	26	15	19	14	19	Dec. 14
47	27	42	14	30	11	30	30	24	26	19	29	19	Dec. 29
41	1	43	16	32	9	32	14	25	12	27	30	16	Jan. 26
35	14	38	16	43	13	30	30	29	23	21	21	15	Mar. 2
42	12	46	26	35	30	35	2	25	30	18	1	14	Jan. 31
44	5	43	19	34	21	24	27	26	9	23	23	21	Jan. 23
46	7	42	4	39	18	30	23	26	20	25	11	23	Mar. 10
45	1	46	27	38	23	31	28	23	27	22	4	19	Jan. 22
42	14	40	13	40	29	24	24	19	26	18	11	18	Dec. 11
40	3	40	17	32	18	26	15	22	29	20	5	16	Jan. 21
48	10	45	11	41	23	27	29	29	21	25	15	20	Jan. 5
41	5	39	16	32	27	23	26	19	24	23	11	19	Feb. 20
44	2	47	8	42	14	29	29	28	1	27	19	15	Jan. 19
45	31	39	22	37	1	30	30	28	24	20	27	15	Feb. 3
48	10	42	28	37	30	32	20	27	7	23	16	18	Feb. 20
42	24	43	26	38	26	32	28	28	1	22	14	18	Jan. 22
44	14	39	16	33	27	29	29	23	30	23	9	20	Jan. 16
44	16	41	10	35	24	30	17	21	18	18	13	18	Dec. 13
40	28	35	31	32	22	31	27	26	12	12	31	12	Dec. 31
37	5	38	14	29	27	25	27	18	19	13	29	13	Dec. 29
38	20	38	15	34	25	30	22	17	30	15	20	10	Jan. 23

Table 8 — Temperature at Trinity College, Dublin :
 Monthly Means in Ascending Order with Corresponding Temperature Data (°F)

January						
Mean	Mean Max.	Mean Min.	Highest Max.	Lowest Min.	Lowest Grass Min.	Year
35.2	38.5	31.9	43	22	10	1963
36.3	41.0	31.6	54	20	15	1940
36.9	40.3	33.6	49	19	16	1941
37.1	42.3	31.8	54	19	16	1945
38.2	41.4	35.0	58	28	21	1917
38.9	44.0	33.9	55	26	20	1959
39.0	44.5	33.5	54	25	16	1952
39.9	44.6	35.3	55	23	17	1915
40.5	44.7	36.4	54	30	19	1919
40.5	45.0	36.0	56	23	14	1947
40.6	44.9	36.4	61	28	23	1929
40.7	45.3	36.0	53	27	19	1931
40.7	46.0	35.4	59	26	21	1933
40.7	45.3	36.0	56	26	17	1936
40.9	45.4	36.3	57	25	17	1939
41.1	46.5	35.8	57	21	13	1910
41.3	45.9	36.7	57	25	15	1955
41.3	46.2	36.5	55	27	23	1956
41.6	47.1	36.1	58	28	24	1922
41.6	46.6	36.6	58	27	22	1951
41.7	46.8	36.5	56	29	18	1911
41.7	46.0	37.4	55	30	20	1942
42.0	47.1	36.9	54	21	18	1946
42.1	46.7	37.4	57	29	21	1948
42.1	46.9	37.3	56	28	17	1961
42.3	47.3	37.2	56	21	13	1908
42.3	47.1	37.6	55	26	11	1912
42.3	46.8	37.9	58	23	18	1918
42.3	47.1	37.4	57	23	18	1958
42.5	47.0	38.1	55	26	21	1927
42.5	46.4	38.5	58	29	22	1954
42.7	47.3	38.0	54	27	21	1907
42.7	47.0	38.4	57	26	19	1914
43.0	47.8	38.2	55	30	22	1904
43.0	47.6	38.4	57	31	23	1960
43.1	48.5	37.6	56	28	21	1930
43.2	47.8	38.6	54	32	23	1909
43.3	48.9	37.8	57	25	21	1913
43.3	48.4	38.3	55	28	20	1953
43.4	48.2	38.5	55	22	17	1962
43.7	49.7	37.8	61	29	19	1920
43.8	48.0	39.6	54	30	22	1905
43.9	48.6	39.2	55	32	25	1937
44.0	48.2	39.8	55	31	20	1935
44.1	48.8	39.5	55	29	24	1906
44.1	48.4	39.7	55	31	23	1943
44.4	49.3	39.5	53	29	22	1924
44.4	50.3	38.5	60	29	22	1928
44.5	49.4	39.6	57	29	25	1926
44.5	49.5	39.4	58	32	29	1938
44.7	49.8	39.6	58	30	27	1923
44.7	50.0	39.4	58	31	24	1925
44.9	50.0	39.8	57	30	25	1949
45.0	50.5	39.5	57	30	23	1934
45.0	49.3	39.7	58	25	19	1950
45.3	50.0	40.5	59	32	22	1957
46.3	51.1	41.4	57	34	28	1944
46.8	51.8	41.8	58	31	20	1932
47.3	52.5	41.0	58	35	28	1916
47.3	52.2	42.3	57	31	25	1921

February						
Mean	Mean Max.	Mean Min.	Highest Max.	Lowest Min.	Lowest Grass Min.	Year
34.1	36.9	31.4	40	17	15	1947
37.0	40.9	33.0	49	26	14	1963
38.5	43.2	33.9	56	26	19	1956
38.5	43.6	33.3	55	23	15	1955
38.8	43.1	34.6	50	27	19	1930
39.0	43.7	34.3	53	18	10	1917
39.1	43.9	34.3	53	25	17	1942
39.5	45.3	33.8	56	27	20	1951
39.9	45.4	34.3	50	28	18	1906
39.9	44.0	35.8	48	28	16	1919
40.0	46.3	33.7	57	26	21	1915
40.3	46.0	34.7	54	31	25	1916
40.5	46.0	34.9	55	27	17	1907
40.6	44.2	37.0	55	29	24	1929
40.7	46.1	35.3	57	27	20	1941
40.9	45.4	36.4	52	28	22	1936
41.0	45.3	36.7	56	30	27	1904
41.1	46.9	35.4	54	27	16	1952
41.4	46.8	36.0	59	26	20	1960
41.8	47.2	36.3	55	28	24	1925
41.9	46.7	37.2	57	29	21	1944
42.0	46.7	37.4	59	28	19	1954
42.1	46.3	37.9	51	33	23	1924
42.1	46.2	38.0	50	31	22	1932
42.5	47.7	37.4	58	32	23	1931
42.5	47.6	37.4	59	29	21	1933
42.5	48.0	37.1	52	26	21	1934
42.8	47.3	38.3	56	27	20	1909
42.9	48.7	37.2	56	29	21	1910
42.9	46.9	38.8	62	29	25	1940
43.2	49.1	37.4	56	26	23	1927
43.3	48.9	37.6	57	31	22	1913
43.5	49.3	37.8	59	22	13	1912
43.5	48.1	38.9	57	29	22	1948
43.7	49.3	38.2	59	27	15	1911
43.7	49.0	38.4	55	30	26	1937
43.7	49.3	38.1	58	30	24	1950
43.8	48.5	39.1	56	32	27	1905
43.9	48.9	38.8	55	26	18	1957
44.0	48.3	39.7	53	31	21	1921
44.1	49.7	38.4	59	29	26	1922
44.1	48.8	39.4	58	31	23	1958
44.1	48.5	39.7	54	31	24	1962
44.4	49.5	39.2	62	29	20	1953
44.5	48.6	40.3	60	34	29	1938
44.8	48.9	40.7	55	28	20	1946
44.9	50.6	39.3	61	22	18	1939
45.1	49.3	41.0	54	33	29	1908
45.1	50.5	39.8	60	35	27	1928
45.2	49.9	40.6	58	30	25	1923
45.2	50.4	40.0	58	27	15	1935
45.3	50.7	39.9	58	29	20	1959
45.8	52.2	39.4	59	29	21	1914
45.8	51.0	40.6	55	30	28	1943
45.9	51.1	40.7	63	29	16	1920
46.3	50.7	41.9	58	35	28	1926
46.3	51.6	41.0	57	36	28	1949
46.7	53.6	39.9	61	31	23	1945
47.7	52.0	43.5	56	31	26	1918
48.3	53.4	43.1	61	34	27	1961

Table 8 — Temperature at Trinity College, Dublin :
 Monthly Means in Ascending Order with Corresponding Temperature Data (°F)

March							April						
Mean	Mean Max.	Mean Min.	Highest Max.	Lowest Min.	Lowest Grass Min.	Year	Mean	Mean Max.	Mean Min.	Highest Max.	Lowest Min.	Lowest Grass Min.	Year
39-3	44.5	34.1	59	26	19	1916	43-0	49.3	36.6	55	30	24	1922
39-7	44.7	34.6	52	28	22	1937	43-9	50.5	37.2	62	23	16	1917
40-7	46.1	35.4	56	26	14	1909	44.5	50.9	38.1	64	24	18	1908
40-7	45.5	35.9	56	24	19	1947	45-1	50.7	39.4	62	32	27	1936
40-8	46.5	35.1	55	27	15	1919	45-3	52.9	37.6	63	30	21	1906
41-1	47.3	35.0	59	24	15	1962	45-3	49.6	40.9	58	35	27	1941
41-3	47.0	35.5	59	27	21	1917	45-5	51.6	39.3	61	32	15	1918
41-7	47.9	35.5	55	30	19	1955	45-5	52.3	38.6	65	32	23	1924
42-0	47.8	36.1	57	25	18	1924	45-5	51.5	39.4	60	31	26	1932
42-1	47.7	36.5	60	27	20	1951	45-5	52.7	38.3	63	33	28	1951
42-1	46.9	37.4	62	26	20	1958	45-7	52.9	38.6	64	33	28	1953
42-2	47.3	37.1	58	27	20	1931	45-9	52.5	39.2	65	30	20	1910
42-3	48.6	36.1	58	28	21	1908	46-2	51.4	40.9	61	33	28	1923
42-9	47.9	37.8	61	29	22	1904	46-3	51.8	40.7	59	31	21	1905
42-9	48.7	37.1	58	26	21	1930	46-3	53.3	39.4	66	31	22	1907
43-1	48.1	38.0	56	32	27	1922	46-4	52.7	40.0	59	31	27	1925
43-3	50.2	36.5	58	26	15	1913	46-4	52.2	40.6	62	30	25	1934
43-3	49.0	37.6	58	30	23	1941	46-5	53.1	40.0	64	33	28	1929
43-4	48.3	38.5	57	32	23	1911	46-7	53.5	39.8	60	32	25	1913
43-6	49.4	37.8	57	28	20	1932	46-7	54.0	39.5	63	29	22	1916
43-6	50.2	37.0	66	27	24	1953	46-9	52.6	41.2	59	34	25	1920
43-7	49.8	37.6	56	27	22	1915	46-9	53.0	40.9	61	31	28	1928
43-7	49.2	38.1	59	30	24	1925	47-1	53.5	40.8	62	31	29	1950
43-7	50.2	37.2	58	29	20	1944	47-3	54.1	40.6	62	30	27	1921
43-8	50.7	36.9	61	28	21	1914	47-3	53.0	41.5	59	32	25	1930
43-8	50.1	37.5	59	30	21	1934	47-3	53.5	41.1	62	34	25	1935
44-1	49.7	38.4	60	30	22	1906	47-4	54.1	40.7	63	32	23	1919
44-1	49.4	38.7	58	25	15	1946	47-7	53.6	41.9	65	35	28	1931
44-2	48.9	39.5	57	20	12	1928	47-8	54.7	40.9	64	33	25	1911
44-8	53.1	36.5	71	27	21	1929	47-8	54.6	41.0	61	35	28	1915
44-9	51.2	38.7	56	32	21	1910	47-9	54.5	41.3	63	34	26	1956
45-0	50.5	39.5	57	30	25	1939	48-0	54.5	41.5	66	34	28	1927
45-1	50.3	40.0	60	29	19	1954	48-1	54.6	41.6	65	36	27	1962
45-3	51.9	38.6	62	29	21	1905	48-3	55.2	41.4	70	35	22	1909
45-3	51.2	39.4	66	30	22	1918	48-3	55.5	41.0	62	33	26	1938
45-3	50.5	40.1	63	27	20	1942	48-5	56.3	40.7	69	33	30	1914
45-4	50.2	40.5	57	33	26	1926	48-5	54.3	42.7	64	32	25	1958
45-5	51.4	39.5	59	29	20	1920	48-6	54.7	42.6	59	36	31	1926
45-5	51.3	39.6	57	29	23	1949	48-7	55.1	42.4	61	36	32	1904
45-7	50.7	40.7	57	33	29	1923	48-7	56.5	40.8	63	34	27	1912
45-7	49.2	42.3	56	36	28	1960	48-7	55.0	42.3	62	31	28	1948
46-0	53.3	38.7	64	31	22	1907	48-8	55.0	42.6	64	35	27	1947
46-0	50.5	41.5	60	32	24	1936	48-9	55.2	42.7	65	33	27	1939
46-0	52.1	39.9	61	31	24	1940	48-9	55.3	42.4	63	34	27	1954
46-0	51.7	40.3	59	31	24	1952	49-0	54.4	43.6	62	37	30	1942
46-1	52.9	39.3	60	32	24	1912	49-1	54.9	43.4	62	37	29	1946
46-3	53.0	39.6	62	29	22	1921	49-1	54.9	43.3	68	32	22	1963
46-3	51.9	40.7	57	32	25	1943	49-3	57.2	41.5	64	28	24	1952
46-7	51.4	42.0	58	36	29	1956	49-4	55.0	43.8	63	33	28	1940
46-7	52.0	40.4	60	31	19	1963	49-7	54.6	44.8	65	36	28	1937
46-8	51.9	41.7	61	34	26	1927	49-7	55.7	43.6	61	35	32	1957
47-0	52.8	41.2	61	31	18	1935	50-2	56.5	43.9	61	37	29	1959
47-1	53.5	40.8	63	35	27	1933	50-3	57.4	43.2	67	30	23	1945
47-6	53.7	41.5	59	33	25	1950	50-5	57.4	43.7	68	32	27	1949
47-7	53.1	42.4	62	34	23	1959	50-5	56.9	44.2	63	36	29	1960
47-9	55.1	40.6	59	31	29	1945	50-6	56.5	44.7	68	35	27	1944
49-3	56.3	42.4	66	30	26	1948	50-7	56.9	44.4	66	31	24	1933
50-3	55.9	44.7	62	34	31	1938	51-4	58.1	44.7	69	32	23	1955
50-3	56.5	44.1	64	35	25	1961	51-4	57.2	45.6	63	38	32	1961
51-3	56.2	46.4	66	40	31	1957	52-0	58.5	45.5	65	39	30	1943

Table 8 — Temperature at Trinity College, Dublin :
 Monthly Means in Ascending Order with Corresponding Temperature Data (°F)

May						
Mean	Mean Max.	Mean Min.	High-est Max.	Low-est Min.	Low-est Grass Min.	Year
48-5	54-6	42-3	58	34	30	1923
49-7	56-3	43-0	65	30	23	1907
49-9	55-3	44-5	66	34	28	1926
49-9	56-3	43-6	68	37	30	1951
50-1	55-0	45-3	59	36	29	1946
50-3	56-6	44-0	67	34	26	1941
50-9	56-9	44-9	69	35	29	1906
50-9	57-5	44-3	70	34	25	1915
50-9	55-7	46-0	60	38	34	1925
51-1	57-7	44-5	68	34	28	1935
51-1	57-3	44-8	67	36	31	1955
51-4	58-2	44-6	68	34	31	1948
51-5	56-9	46-0	67	35	29	1924
51-5	57-2	45-9	63	31	28	1927
51-7	58-4	45-0	70	35	26	1910
51-7	57-0	46-4	65	35	28	1932
51-8	58-2	45-4	68	36	29	1913
51-8	59-0	44-6	70	34	29	1914
51-9	58-8	45-0	66	35	31	1921
52-1	58-8	45-3	70	37	33	1904
52-1	58-1	46-1	76	38	31	1916
52-1	58-1	46-2	66	39	35	1930
52-1	58-3	45-9	66	38	33	1936
52-1	58-4	45-8	74	38	31	1958
52-3	60-1	44-6	73	34	25	1909
52-3	58-2	46-5	67	37	32	1931
52-3	59-5	45-2	72	30	24	1945
52-4	57-8	47-0	68	38	35	1947
52-4	59-1	45-7	67	38	29	1963
52-5	58-2	46-9	65	34	29	1938
52-5	59-1	46-0	68	33	31	1943
52-5	59-0	46-0	73	37	30	1944
52-5	59-6	45-5	72	38	35	1949
52-8	60-1	45-5	68	39	32	1962
52-9	59-7	46-2	69	36	32	1934
52-9	58-6	47-3	65	39	36	1950
52-9	59-1	46-6	67	39	33	1954
53-0	60-5	45-5	69	33	26	1929
53-0	59-5	46-5	71	39	30	1942
53-1	60-0	46-1	70	37	27	1929
53-1	59-7	46-4	71	37	28	1905
53-1	59-5	46-8	71	37	32	1912
53-3	59-9	46-7	69	35	24	1917
53-3	60-0	46-6	68	36	30	1957
53-5	61-2	45-8	68	38	35	1928
53-7	60-7	46-6	72	35	32	1939
53-9	60-4	47-4	71	40	31	1961
54-0	60-4	47-6	69	42	36	1940
54-1	60-1	48-0	67	43	37	1933
54-1	60-7	47-4	69	41	32	1937
54-5	61-7	47-3	70	41	29	1911
54-5	61-6	47-3	73	42	32	1918
54-7	61-9	47-4	70	38	30	1919
54-9	61-4	48-3	71	41	32	1908
54-9	62-6	47-3	74	40	32	1952
55-0	62-0	48-1	81	36	30	1922
55-0	61-9	48-2	71	36	31	1959
55-1	62-3	47-8	71	38	30	1956
55-7	63-2	48-2	71	36	34	1953
56-6	63-3	49-8	72	43	33	1960

June						
Mean	Mean Max.	Mean Min.	High-est Max.	Low-est Min.	Low-est Grass Min.	Year
53-3	58-6	48-1	64	42	34	1927
53-5	61-2	45-8	72	38	32	1916
54-4	61-1	47-7	66	40	35	1907
54-7	61-2	48-3	67	42	33	1909
55-0	61-8	48-1	68	41	39	1928
55-1	60-7	49-5	75	42	39	1946
55-1	60-5	49-8	71	42	37	1948
55-3	60-6	50-0	79	42	36	1926
55-6	60-9	50-4	69	42	36	1923
56-2	61-0	51-3	72	45	41	1924
56-3	62-4	50-1	73	42	36	1922
56-4	63-2	49-6	71	45	34	1908
56-5	63-0	50-1	70	44	35	1912
56-5	63-8	49-2	76	42	37	1913
56-5	63-5	49-6	70	42	36	1915
56-5	63-0	50-1	77	45	38	1944
56-6	63-2	50-1	71	43	37	1929
56-8	62-7	50-9	71	45	38	1954
56-9	63-2	50-7	71	45	38	1904
57-1	63-3	50-8	72	43	36	1910
57-1	64-6	49-6	76	40	33	1918
57-1	63-6	50-6	73	41	35	1938
57-1	62-3	51-9	70	42	38	1955
57-3	62-3	52-2	70	46	43	1947
57-4	65-3	49-5	77	39	34	1919
57-4	63-1	51-7	70	46	42	1958
57-5	64-9	50-2	72	42	32	1911
57-5	64-5	50-6	77	42	36	1956
57-6	65-9	49-3	77	41	35	1914
57-6	63-8	51-4	74	45	39	1943
57-7	64-6	50-7	73	45	40	1945
57-7	65-2	50-1	72	43	36	1951
57-7	65-5	49-9	77	39	31	1962
57-9	64-3	51-4	69	42	36	1920
57-9	64-6	51-2	71	45	41	1930
57-9	63-9	51-9	71	47	44	1937
58-0	65-5	50-5	76	42	35	1921
58-0	65-6	50-4	78	39	33	1942
58-1	65-7	50-5	76	41	36	1952
58-2	65-7	50-7	77	44	37	1939
58-3	65-2	51-3	77	42	39	1906
58-3	65-2	51-4	71	46	39	1917
58-3	65-4	51-3	73	40	35	1936
58-3	64-8	51-7	77	42	37	1953
58-4	64-7	52-1	75	46	36	1905
58-5	65-3	51-8	80	43	39	1949
58-5	65-2	51-7	76	47	39	1963
58-6	64-5	52-6	73	45	42	1931
58-7	65-0	52-5	75	43	40	1941
58-8	66-8	50-7	75	45	40	1925
58-8	65-9	51-7	73	41	35	1932
58-9	65-5	52-4	76	42	39	1935
59-2	65-7	52-7	76	48	41	1933
59-2	66-0	52-3	76	44	37	1961
59-3	66-6	52-1	75	40	35	1957
59-7	66-4	53-1	78	47	40	1934
59-7	67-0	52-5	74	47	43	1959
60-8	68-1	53-5	76	44	42	1950
61-5	68-5	54-4	79	47	40	1960
61-7	69-5	53-8	84	46	40	1940

Table 8 — Temperature at Trinity College, Dublin :
 Monthly Means in Ascending Order with Corresponding Temperature Data (°F)

July						
Mean	Mean Max.	Mean Min.	Highest Max.	Lowest Min.	Lowest Grass Min.	Year
56.3	62.3	50.2	72	44	37	1922
57.3	64.6	50.1	70	41	36	1919
57.9	64.2	51.5	69	42	40	1920
58.1	64.5	51.6	72	43	39	1915
58.3	65.0	51.7	74	45	41	1912
58.5	65.0	52.1	74	46	39	1910
58.5	64.5	52.5	73	48	43	1924
58.7	64.5	52.8	72	49	43	1938
58.7	65.1	52.3	69	49	42	1940
58.7	64.5	52.9	70	44	41	1954
58.9	65.4	52.4	79	43	33	1907
58.9	65.9	52.0	74	43	38	1913
59.0	64.7	53.3	73	46	35	1946
59.3	65.7	52.8	74	45	40	1909
59.3	66.3	52.4	76	46	41	1914
59.3	67.0	51.5	74	41	40	1918
59.3	64.7	53.8	77	48	42	1947
59.4	65.5	53.3	80	47	44	1948
59.4	65.3	53.5	73	45	37	1962
59.5	66.9	52.2	79	45	39	1916
59.5	65.4	53.7	71	45	41	1939
59.7	65.4	54.0	74	49	49	1936
59.8	66.5	53.0	80	47	38	1963
59.9	66.9	52.8	77	46	39	1906
59.9	65.6	54.2	73	47	36	1930
60.0	65.6	54.4	71	51	45	1931
60.0	66.1	54.0	72	48	40	1961
60.1	66.6	53.6	80	46	40	1943
60.3	65.5	55.2	73	49	42	1927
60.5	67.2	53.9	79	46	39	1928
60.5	66.0	54.9	78	47	42	1958
60.6	67.1	54.2	75	50	41	1945
60.7	67.2	54.2	77	48	42	1929
60.7	66.6	55.0	76	49	45	1956
60.7	66.6	54.8	72	50	44	1960
60.9	67.5	54.3	75	48	42	1904
60.9	67.4	54.5	77	49	43	1937
60.9	67.5	54.3	74	49	40	1942
60.9	66.7	55.2	72	51	47	1944
60.9	67.3	54.5	72	50	48	1953
61.1	67.1	55.0	72	49	45	1950
61.3	67.7	54.9	75	49	39	1908
61.3	68.3	54.4	78	44	36	1917
61.3	67.6	55.0	74	51	44	1925
61.3	66.6	56.1	74	50	48	1957
61.7	67.3	56.1	76	52	46	1923
61.7	67.8	55.7	79	47	42	1932
61.7	67.8	55.5	74	49	41	1941
61.8	68.8	54.8	75	45	42	1951
61.9	69.0	54.8	76	45	40	1952
62.0	67.9	56.1	79	49	46	1949
62.4	68.3	56.6	79	50	46	1926
62.9	71.8	54.1	81	41	39	1911
62.9	70.0	55.8	80	48	43	1935
63.0	69.6	56.4	80	50	44	1959
63.3	70.4	56.2	82	49	42	1905
63.6	70.9	56.3	79	48	44	1955
63.7	72.0	55.3	84	48	37	1921
64.2	71.2	57.2	82	51	48	1933
64.5	71.9	57.0	85	50	44	1934

August						
Mean	Mean Max.	Mean Min.	Highest Max.	Lowest Min.	Lowest Grass Min.	Year
54.5	60.9	48.1	68	42	36	1912
55.9	60.7	50.0	70	40	35	1922
57.0	63.2	50.7	70	46	41	1924
57.1	62.1	52.1	72	44	38	1946
57.3	63.4	51.3	70	42	41	1920
57.5	64.6	50.5	73	41	32	1921
57.8	63.8	51.7	71	43	41	1923
57.8	64.0	51.6	71	46	39	1956
58.5	64.7	52.3	69	46	36	1905
58.5	64.7	53.4	77	45	39	1954
58.6	64.2	53.0	72	44	36	1931
58.9	65.5	52.2	74	43	37	1907
58.9	64.8	53.1	78	47	42	1930
58.9	64.5	53.4	72	45	43	1948
58.9	65.5	52.4	73	45	40	1951
59.1	65.5	52.6	77	47	38	1908
59.1	65.9	52.4	72	44	42	1915
59.1	66.2	51.9	75	44	40	1928
59.2	65.4	53.0	72	48	40	1910
59.3	65.5	53.1	71	45	41	1938
59.4	66.3	52.5	77	44	40	1904
59.4	65.6	53.2	72	47	38	1963
59.6	66.9	52.3	74	45	41	1925
59.8	66.3	53.3	75	45	38	1934
59.8	66.3	53.3	77	48	40	1941
59.8	66.3	53.2	70	47	38	1962
59.9	65.7	54.1	73	47	40	1943
60.0	67.0	53.0	75	44	35	1917
60.0	66.4	53.6	71	48	46	1950
60.1	66.9	53.2	78	47	39	1909
60.1	66.2	54.0	72	47	41	1960
60.2	66.2	54.2	73	46	41	1929
60.3	67.5	53.1	77	46	42	1913
60.3	66.3	54.2	70	46	34	1927
60.4	66.1	54.7	71	45	42	1957
60.5	66.5	54.4	73	47	43	1945
60.6	68.2	53.0	77	48	40	1914
60.7	66.0	55.4	72	48	43	1958
60.7	67.7	53.8	77	46	35	1961
60.8	66.7	54.9	75	48	42	1942
60.8	66.6	54.9	78	46	42	1949
60.9	68.3	53.4	77	44	34	1919
60.9	67.2	54.6	75	47	43	1939
60.9	68.0	53.7	74	49	40	1952
61.5	68.3	54.7	78	46	39	1918
61.5	67.2	55.9	75	46	43	1932
61.7	68.7	54.7	77	50	40	1926
61.7	68.3	54.8	80	48	40	1940
61.8	68.5	55.1	77	47	46	1937
61.8	68.7	54.9	76	49	45	1953
61.9	69.0	54.7	76	45	40	1916
62.1	68.7	55.5	76	49	45	1936
62.3	69.3	55.3	78	48	42	1944
62.4	69.6	55.2	80	42	39	1906
62.6	68.9	56.3	75	51	46	1947
62.9	70.2	55.6	80	51	41	1911
62.9	70.9	54.8	78	45	41	1935
63.1	69.6	56.6	78	48	39	1959
63.9	71.8	56.1	80	48	45	1933
64.7	71.3	58.1	79	54	47	1955

Table 8 — Temperature at Trinity College, Dublin :
Monthly Means in Ascending Order with Corresponding Temperature Data (°F)

September							October						
Mean	Mean Max.	Mean Min.	High-est Max.	Low-est Min.	Low-est Grass Min.	Year	Mean	Mean Max.	Mean Min.	High-est Max.	Low-est Min.	Low-est Grass Min.	Year
53.2	59.4	47.0	69	38	29	1918	46.3	52.6	40.1	68	29	19	1917
53.3	59.8	46.9	69	36	32	1952	47.3	53.5	41.2	64	31	22	1905
53.6	59.8	47.4	70	40	34	1912	48.6	54.3	42.9	69	29	21	1926
54.0	60.5	47.5	67	40	33	1909	48.9	54.9	42.8	60	35	30	1932
54.0	60.7	47.2	70	34	30	1925	49.1	56.2	41.9	63	31	26	1912
54.4	60.4	48.4	69	42	38	1924	49.3	56.0	42.5	69	32	23	1919
54.5	60.5	48.4	69	39	36	1922	49.3	54.9	43.7	60	38	30	1944
54.5	60.5	48.6	72	42	33	1923	49.5	56.4	42.5	66	29	24	1915
54.5	60.5	48.5	72	40	35	1927	49.7	55.7	43.7	64	34	27	1918
54.7	60.6	48.9	69	39	30	1905	50.0	54.7	45.3	67	33	29	1922
54.7	60.8	48.6	66	42	34	1931	50.0	55.3	44.7	62	35	25	1939
54.8	61.9	47.7	67	38	30	1944	50.0	56.0	44.0	61	33	26	1952
55.5	61.7	49.4	72	36	31	1932	50.2	56.1	44.2	60	39	34	1924
55.5	60.5	50.5	69	36	30	1943	50.3	55.4	45.1	66	33	28	1907
55.6	61.6	49.6	67	40	32	1954	50.5	56.1	44.9	65	35	30	1937
55.7	63.0	48.3	77	36	28	1919	50.6	56.0	45.2	67	33	25	1929
55.7	61.7	49.6	72	43	38	1950	50.7	56.8	44.7	64	31	20	1911
55.7	61.7	49.8	69	39	29	1962	50.7	57.0	44.5	68	33	29	1955
55.8	61.9	49.7	70	41	36	1910	50.8	57.2	44.4	69	30	23	1931
55.9	60.5	51.3	71	42	36	1930	50.9	56.7	45.1	68	33	26	1942
56.1	63.3	49.0	74	35	30	1914	51.1	57.2	45.1	65	32	23	1906
56.1	62.9	49.3	75	40	36	1928	51.1	57.0	45.1	66	36	28	1935
56.3	62.2	50.3	76	39	32	1908	51.2	56.6	45.7	65	38	30	1923
56.3	63.7	48.9	75	40	29	1911	51.6	57.0	46.2	66	35	31	1950
56.3	60.7	52.0	66	47	43	1946	51.7	57.2	46.2	65	34	27	1904
56.3	61.7	50.8	69	42	37	1957	51.7	57.9	45.4	68	30	18	1909
56.5	62.5	50.4	70	41	33	1904	51.7	58.1	45.4	66	32	28	1925
56.5	63.0	50.1	73	42	39	1937	51.7	56.2	47.2	62	35	29	1940
56.5	63.2	49.9	75	38	34	1940	52.1	57.1	47.0	65	38	30	1910
56.5	63.7	49.3	73	43	34	1963	52.1	57.8	46.4	66	37	30	1914
56.6	62.7	50.5	72	41	37	1913	52.1	55.6	48.7	62	41	30	1946
56.7	64.2	49.1	76	35	30	1915	52.1	57.5	46.6	66	38	30	1956
56.7	63.6	49.9	72	38	30	1920	52.1	57.3	46.9	64	38	30	1960
56.7	62.4	50.9	72	36	30	1942	52.2	58.5	46.0	67	37	30	1927
56.9	64.9	48.8	81	39	31	1906	52.2	58.0	46.5	65	39	31	1961
56.9	63.1	50.8	70	43	36	1916	52.3	57.0	47.5	67	40	25	1930
56.9	64.1	49.6	76	41	25	1921	52.3	57.3	47.2	65	34	29	1933
56.9	62.3	51.4	70	39	34	1948	52.3	57.6	47.0	65	33	27	1934
57.0	62.9	51.1	75	43	35	1960	52.3	57.9	46.6	64	38	32	1936
57.1	63.2	51.0	70	42	36	1935	52.3	57.5	47.0	67	32	24	1948
57.5	63.6	51.3	71	41	38	1938	52.6	58.4	46.8	69	39	34	1938
57.8	63.7	51.9	73	39	31	1907	52.6	58.2	46.9	69	35	27	1953
58.0	64.4	51.7	73	40	32	1926	52.7	58.6	46.9	65	35	28	1920
58.1	64.6	51.6	70	46	37	1917	52.7	58.1	47.2	66	37	28	1943
58.1	63.6	52.6	73	40	35	1936	52.8	58.0	47.6	65	30	26	1913
58.1	63.3	52.9	75	42	31	1939	52.8	58.0	47.6	66	35	29	1928
58.2	65.1	51.3	72	43	37	1934	52.9	58.3	47.5	70	39	28	1916
58.3	64.2	52.4	75	41	35	1947	53.1	58.4	47.7	70	34	24	1951
58.3	64.2	52.3	70	46	40	1951	53.3	59.0	47.6	67	39	32	1957
58.4	63.8	53.0	75	44	32	1945	53.3	59.3	47.4	66	37	25	1962
58.5	63.1	53.9	73	44	37	1956	53.5	58.7	48.3	68	35	25	1941
58.7	64.6	52.8	79	43	41	1953	53.7	59.1	48.4	66	41	35	1947
59.1	65.9	52.4	80	44	36	1929	53.7	58.9	48.5	65	41	32	1958
59.2	66.3	52.1	75	42	33	1959	54.1	58.8	49.4	67	38	32	1945
59.3	65.6	52.9	72	45	32	1961	54.2	60.1	48.3	70	34	30	1949
59.6	65.0	54.2	72	46	39	1949	54.4	60.0	48.8	66	41	30	1963
59.7	65.0	54.4	70	45	38	1958	54.5	61.1	48.0	71	34	25	1921
59.9	66.4	53.3	76	46	42	1955	55.3	60.8	49.9	68	33	23	1954
60.0	66.7	53.3	78	40	35	1933	55.5	61.1	49.9	70	38	29	1908
60.3	66.5	54.2	75	45	37	1941	55.5	60.9	50.0	72	37	29	1959

Table 8 — Temperature at Trinity College, Dublin :
 Monthly Means in Ascending Order with Corresponding Temperature Data (°F)

November							December						
Mean	Mean Max.	Mean Min.	Highest Max.	Lowest Min.	Lowest Grass Min.	Year	Mean	Mean Max.	Mean Min.	Highest Max.	Lowest Min.	Lowest Grass Min.	Year
39·7	45·3	34·1	58	20	14	1919	37·3	41·3	33·3	53	25	22	1950
39·9	45·6	34·1	55	23	18	1915	39·3	43·7	35·0	55	25	15	1916
40·9	45·9	35·8	57	26	24	1923	39·8	45·5	34·1	55	19	19	1914
40·9	47·5	34·3	57	25	20	1925	40·4	44·5	36·3	59	25	24	1937
41·3	46·6	35·9	55	27	20	1910	40·7	45·9	35·6	58	19	12	1961
43·0	48·3	37·7	55	30	25	1942	40·8	45·1	36·5	52	21	18	1935
43·2	48·3	38·1	56	23	21	1905	40·9	45·2	36·5	54	27	15	1917
43·5	48·9	38·0	58	29	20	1909	40·9	46·3	35·6	53	27	21	1946
43·5	49·1	37·9	55	28	23	1950	41·1	45·4	36·7	54	28	18	1960
43·7	48·9	38·6	59	30	22	1952	41·2	45·7	36·6	58	24	21	1925
44·1	48·9	39·2	56	27	24	1936	41·2	44·5	38·0	53	28	24	1927
44·3	49·6	38·9	58	28	18	1911	41·3	45·3	37·4	59	27	22	1939
44·6	50·0	39·3	60	30	20	1926	41·4	46·1	36·7	55	21	12	1906
44·9	50·4	39·5	65	30	28	1927	41·6	45·7	37·5	53	30	24	1933
44·9	50·1	39·7	58	29	22	1930	41·7	46·4	36·9	57	17	10	1909
44·9	49·6	40·2	56	31	25	1933	41·9	47·3	36·5	57	27	20	1952
45·2	50·5	39·9	66	26	20	1912	42·1	46·7	37·5	59	22	16	1938
45·3	50·1	40·5	59	27	21	1904	42·2	46·9	37·5	56	23	13	1962
45·3	50·6	39·9	57	31	24	1907	42·3	47·0	37·7	58	29	22	1920
45·3	50·9	39·7	57	31	24	1944	42·3	46·6	38·1	54	28	19	1943
45·4	50·6	40·2	59	29	21	1935	42·4	47·6	37·2	56	27	22	1915
45·5	51·7	39·4	59	28	22	1914	42·4	46·4	38·4	55	25	15	1963
45·7	50·6	40·8	59	31	26	1943	43·1	47·5	38·7	57	25	19	1913
45·8	49·9	41·7	58	29	18	1962	43·1	47·5	38·7	57	28	21	1940
45·9	51·6	40·2	58	28	20	1918	43·1	48·2	38·1	56	28	19	1944
46·1	50·3	42·0	59	31	28	1937	43·2	48·5	37·8	53	30	23	1923
46·1	51·9	40·4	61	30	19	1954	43·2	48·0	38·4	57	31	27	1928
46·3	51·7	40·9	60	30	20	1929	43·3	46·9	39·6	53	28	22	1926
46·3	50·5	42·0	56	32	25	1934	43·3	48·2	38·4	55	27	22	1958
46·5	51·2	41·9	61	32	23	1940	43·5	47·7	39·3	56	27	21	1907
46·5	51·0	42·0	59	30	25	1941	43·5	47·4	39·5	56	24	18	1947
46·7	51·4	42·1	61	33	27	1916	43·6	48·2	39·0	58	28	21	1930
46·7	52·6	40·8	59	29	17	1921	44·0	48·6	39·4	59	29	20	1904
46·7	50·5	42·8	58	33	28	1956	44·1	48·6	39·6	57	33	26	1922
46·7	50·9	42·5	59	31	27	1957	44·1	49·0	39·2	58	28	20	1929
46·8	51·7	41·8	58	31	26	1922	44·1	49·6	38·6	59	28	18	1951
46·8	51·3	42·3	60	35	28	1932	44·3	49·5	39·0	59	27	23	1908
47·0	51·5	42·5	61	34	26	1961	44·3	49·6	38·9	55	32	22	1919
47·1	52·1	42·2	65	28	25	1947	44·3	48·8	39·9	57	29	23	1957
47·1	52·5	41·6	58	33	26	1949	44·5	50·6	38·4	58	31	19	1911
47·1	51·6	42·7	60	32	21	1960	44·5	49·7	39·3	56	28	25	1949
47·3	52·6	41·9	65	33	25	1906	44·8	49·0	40·6	56	30	23	1910
47·3	51·8	42·9	60	33	23	1959	45·0	49·6	40·4	57	33	23	1959
47·8	53·0	42·5	59	31	25	1924	45·1	49·7	40·5	58	33	28	1936
47·8	52·2	43·4	65	33	29	1946	45·2	50·4	40·0	63	33	23	1948
47·8	53·3	42·3	59	27	17	1963	45·9	51·8	40·0	58	28	22	1912
47·9	52·9	42·9	64	35	30	1928	45·9	49·9	42·0	58	32	26	1931
48·0	53·4	42·6	59	32	19	1951	46·1	49·9	42·4	56	29	22	1941
48·1	53·0	43·1	62	34	25	1931	46·1	50·4	41·7	57	34	27	1945
48·3	52·7	43·8	59	33	25	1945	46·4	51·9	40·9	57	30	22	1921
48·3	52·9	43·7	60	35	28	1958	46·4	50·9	41·9	58	34	27	1955
48·5	52·3	44·7	59	34	28	1955	46·5	50·2	42·7	61	35	26	1932
48·7	53·8	43·7	61	31	20	1908	46·6	50·9	42·3	62	30	20	1918
48·7	53·8	43·5	59	37	26	1913	46·8	50·5	43·1	61	32	23	1954
49·1	53·8	44·5	59	33	25	1917	46·9	51·1	42·6	57	29	20	1956
49·3	54·2	44·4	61	31	25	1920	47·0	52·6	41·3	58	35	29	1924
49·6	54·2	45·0	64	35	24	1938	47·1	50·4	43·9	55	32	22	1905
49·7	54·2	45·1	60	37	28	1939	47·1	51·8	42·3	58	33	26	1942
49·7	55·6	43·8	63	33	26	1948	48·2	52·7	43·7	61	33	25	1953
49·7	54·2	45·3	60	38	29	1953	49·2	52·9	45·5	57	35	25	1934

Table 9 — Temperature (°F) in the ground at a depth of 1 ft (30 cm) at Trinity College, Dublin for the years 1904 to 1963.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1904	40.0	39.8	41.6	47.1	52.3	57.6	60.8	59.9	56.5	51.6	46.0	42.1	49.6
1905	41.9	42.3	42.9	46.7	53.0	59.4	63.2	59.9	55.7	48.7	42.9	44.0	50.1
1906	41.8	39.8	43.1	45.9	50.7	58.1	59.9	61.9	58.3	51.7	45.9	42.7	50.0
1907	41.0	38.8	44.0	46.5	51.8	55.6	59.5	59.1	57.3	51.6	45.7	41.8	49.4
1908	39.5	43.1	41.7	45.3	53.5	57.6	61.6	60.5	56.1	55.3	48.3	43.4	50.5
1909	41.7	41.5	40.7	47.1	52.3	56.7	59.5	60.9	55.5	52.2	43.5	40.9	49.4
1910	40.6	40.6	43.3	46.1	51.8	58.5	59.9	60.0	57.3	52.8	43.2	43.3	49.8
1911	40.3	41.2	43.0	46.8	54.6	60.1	62.8	63.7	58.3	52.1	44.9	42.5	50.9
1912	41.8	41.2	45.1	49.0	54.5	58.2	60.3	57.0	54.7	49.5	46.0	43.1	50.0
1913	41.9	42.0	43.2	47.2	52.3	57.7	60.6	61.6	58.1	53.3	47.6	44.5	50.8
1914	41.5	44.1	44.0	49.2	53.6	58.1	62.0	61.7	58.0	53.6	46.7	41.2	51.1
1915	39.5	39.4	43.1	48.0	53.1	59.6	59.9	60.4	58.5	51.9	42.3	41.6	49.8
1916	45.3	41.8	40.8	47.0	52.3	56.9	60.5	62.9	58.3	54.2	46.9	41.0	50.7
1917	39.5	38.1	41.7	44.1	53.4	58.9	62.0	61.5	58.1	50.0	47.7	42.7	49.8
1918	41.1	45.8	44.3	47.1	54.1	58.7	60.3	61.5	55.6	50.4	46.1	45.6	50.9
1919	41.2	40.1	41.4	46.6	54.0	58.9	59.3	61.1	57.0	51.2	43.4	42.5	49.7
1920	42.2	43.7	45.1	48.0	53.2	59.6	59.7	59.3	57.3	53.6	48.9	43.1	51.1
1921	45.3	43.7	45.6	48.5	54.2	60.2	65.3	60.5	58.5	55.6	47.9	46.3	52.6
1922	41.7	42.4	43.5	44.1	53.3	58.9	58.6	58.5	56.2	51.2	45.8	43.9	49.8
1923	42.2	44.4	44.9	47.3	50.9	55.9	61.5	60.3	55.5	51.3	43.2	41.2	49.9
1924	42.6	42.1	41.7	45.3	52.3	58.1	60.1	59.7	56.7	51.3	47.4	45.8	50.3
1925	42.9	42.0	43.5	47.1	52.0	60.2	62.3	61.5	55.9	52.6	43.1	39.8	50.2
1926	41.8	44.3	45.6	49.1	51.7	58.1	63.1	62.6	59.0	51.0	43.6	42.3	51.0
1927	41.7	40.6	45.1	48.3	53.4	56.7	60.2	61.3	56.8	51.5	45.7	41.1	50.2
1928	40.8	42.5	44.4	47.0	53.1	57.2	60.8	59.4	56.9	51.8	46.8	42.7	50.3
1929	39.4	41.0	42.1	47.4	53.1	57.9	60.0	60.3	58.9	51.8	45.3	42.3	50.0
1930	40.8	38.3	42.1	46.6	53.2	60.1	60.7	59.5	58.1	52.6	46.3	42.4	50.1
1931	40.0	41.1	41.9	47.2	53.4	59.6	61.0	60.2	56.2	51.6	46.8	44.8	50.3
1932	44.5	42.1	42.5	46.6	52.4	59.9	61.9	62.5	57.8	50.2	46.0	44.2	50.9
1933	40.2	40.8	44.4	50.1	54.7	60.3	63.8	64.7	61.3	53.8	45.5	41.3	51.8
1934	41.6	41.5	42.3	46.2	53.3	60.5	65.0	61.4	57.9	52.9	45.6	46.6	51.2
1935	43.7	43.3	44.9	48.4	54.1	59.0	64.2	64.5	57.5	51.3	44.5	39.5	51.2
1936	38.9	39.9	43.9	46.9	54.2	59.6	62.0	62.7	59.9	52.7	45.4	43.1	50.8
1937	42.6	41.9	40.6	48.9	56.0	59.9	61.5	63.1	57.7	51.8	45.8	40.6	50.9
1938	41.9	42.8	47.7	50.5	54.6	57.9	60.2	61.7	58.4	52.6	49.0	42.4	51.6
1939	40.7	43.1	45.1	49.6	54.8	61.3	61.3	62.6	59.8	51.7	48.0	43.2	51.8
1940	36.9	41.5	45.0	50.1	56.2	64.3	62.1	62.5	58.5	51.7	45.6	42.2	51.4
1941	37.9	40.0	42.7	46.7	52.7	59.8	63.3	61.3	60.7	54.4	47.2	45.2	51.0
1942	41.2	40.7	44.3	50.2	54.4	60.2	62.4	62.3	58.9	53.0	45.0	45.4	51.5
1943	43.0	44.3	46.6	51.8	54.5	59.7	62.5	61.8	58.2	53.3	48.3	42.9	52.2
1944	44.5	43.5	44.1	51.0	55.1	59.1	61.5	63.1	57.2	51.8	46.2	43.3	51.7
1945	39.1	43.5	48.1	52.7	55.4	59.7	61.5	62.6	60.1	56.0	50.7	46.5	53.0
1946	42.2	44.9	44.1	51.0	53.8	59.1	62.4	60.5	57.8	54.4	48.8	42.0	51.7
1947	41.0	36.6	40.3	48.5	54.4	60.8	61.8	64.6	60.9	55.1	49.3	43.4	51.4
1948	41.1	42.6	46.9	50.1	55.4	58.3	60.2	61.4	58.7	54.5	49.1	44.9	51.9
1949	43.6	44.7	45.8	51.5	55.7	60.8	65.1	62.8	61.1	55.5	47.2	43.6	53.1
1950	44.1	42.8	46.7	48.3	55.0	61.6	61.7	60.5	56.9	52.3	44.7	39.4	50.2
1951	39.7	39.3	42.1	46.5	51.1	57.6	60.7	59.6	58.2	53.9	48.4	44.3	50.3
1952	39.8	39.8	45.8	49.1	56.0	58.3	62.3	61.7	56.5	50.6	46.2	41.0	51.9
1953	41.0	42.5	45.3	47.7	55.0	58.7	61.4	61.4	58.8	53.5	48.6	47.0	51.8
1954	42.4	41.8	44.0	49.3	52.8	58.3	59.5	58.9	56.5	54.3	47.1	45.0	50.8
1955	41.3	39.8	41.2	49.4	52.8	57.7	63.5	64.5	60.1	53.3	48.2	45.3	51.4
1956	41.1	39.5	44.7	48.5	55.0	58.3	61.1	59.6	58.1	53.3	47.9	45.5	51.1
1957	43.9	42.5	48.5	50.8	54.3	59.6	61.8	61.3	57.5	53.4	47.5	44.2	52.1
1958	42.3	43.0	42.8	47.9	53.8	59.2	61.4	61.6	60.3	55.4	49.4	43.9	51.7
1959	39.1	42.3	47.1	50.8	55.8	61.1	63.4	63.2	60.1	54.3	48.2	44.2	52.5
1960	42.5	41.3	45.4	49.9	56.7	62.2	62.2	61.9	59.2	53.4	47.7	43.1	52.1
1961	41.1	44.9	48.0	52.0	56.3	59.3	61.6	60.5	58.9	53.1	47.1	42.4	52.1
1962	40.4	44.1	42.1	48.4	54.7	58.9	60.0	60.7	57.6	53.7	47.0	43.2	50.9
1963	37.4	37.5	44.0	48.6	53.8	60.2	60.6	60.9	57.8	54.2	49.1	43.0	50.6

Table 10 — Temperature (°F) in the ground at a depth of 4 ft (122 cm)
at Trinity College, Dublin for the years 1904 to 1963.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1904	42.9	42.5	43.3	46.3	50.0	54.2	56.7	57.9	56.4	53.2	50.0	45.3	49.9
1905	44.7	44.2	44.1	46.4	50.3	54.6	58.6	58.5	56.1	51.9	46.7	45.6	50.1
1906	44.7	43.4	44.0	45.9	48.6	53.9	56.5	58.4	58.0	54.0	48.8	46.7	50.2
1907	44.0	42.2	44.2	46.4	49.8	52.9	55.7	57.3	56.3	53.8	49.4	45.3	49.8
1908	43.0	44.3	43.9	45.8	50.0	54.1	57.7	58.4	56.2	55.6	51.2	47.1	50.6
1909	45.1	43.9	43.0	46.5	50.0	53.8	56.3	58.0	55.9	54.0	48.0	44.4	49.9
1910	43.9	42.7	44.3	46.0	49.3	54.4	56.9	57.7	56.7	54.1	48.4	45.6	50.0
1911	43.8	43.2	44.6	46.0	51.0	56.2	58.3	60.8	58.6	54.2	49.1	45.5	50.9
1912	45.3	43.3	46.6	48.0	51.7	54.8	57.1	56.4	54.9	51.8	48.6	46.0	50.4
1913	44.7	44.3	44.6	46.6	49.7	54.0	56.8	58.6	57.5	54.9	50.3	47.9	50.8
1914	44.4	45.4	45.3	47.7	51.1	54.2	58.1	58.7	57.4	54.7	50.1	45.5	51.1
1915	42.9	42.3	43.4	46.2	50.2	54.7	56.8	57.7	57.2	53.8	47.4	44.2	49.7
1916	46.1	44.9	43.4	46.5	50.0	53.7	56.1	59.2	57.7	55.2	50.3	45.8	50.7
1917	43.4	40.9	43.4	44.4	49.7	54.6	57.5	58.9	57.0	53.2	49.2	46.7	49.9
1918	43.6	46.0	45.8	47.1	51.0	55.5	56.9	58.7	56.6	52.4	49.1	47.6	50.9
1919	44.8	43.1	43.5	46.7	50.1	55.0	55.8	57.8	56.5	53.1	47.7	45.1	49.9
1920	44.6	45.0	45.8	47.5	50.4	55.4	56.9	57.2	56.5	54.2	51.0	46.8	50.9
1921	46.4	46.1	46.3	48.0	51.6	55.6	60.3	59.0	57.6	56.3	51.0	48.8	52.3
1922	45.6	44.6	45.3	45.2	49.6	55.2	55.7	56.7	55.7	53.2	48.4	47.0	50.2
1923	44.3	45.9	46.0	47.5	49.7	52.5	56.8	58.1	55.6	53.1	48.1	43.9	50.1
1924	44.5	44.3	43.2	45.1	49.3	54.1	56.7	57.5	56.3	52.5	49.5	47.8	50.1
1925	45.6	44.8	44.8	46.7	49.6	55.2	58.2	58.9	56.8	53.7	48.3	43.2	50.5
1926	43.6	44.9	46.6	48.0	49.9	54.2	58.4	59.4	58.5	54.4	47.3	45.4	50.9
1927	43.8	42.6	45.1	47.5	50.7	54.1	56.0	58.5	56.7	52.7	49.3	45.6	50.2
1928	43.4	43.8	45.3	46.9	50.4	54.0	56.6	57.3	56.5	53.2	48.1	46.0	50.1
1929	42.7	43.1	43.1	46.6	49.9	54.3	56.9	57.8	57.7	54.0	48.7	45.9	50.1
1930	44.2	42.3	43.0	46.4	50.0	55.6	57.3	57.0	56.9	53.3	49.4	45.5	50.1
1931	43.3	43.1	43.1	46.3	50.2	54.9	57.5	57.8	55.7	53.4	49.1	47.0	50.1
1932	46.0	44.7	43.8	46.2	49.9	54.7	58.0	59.2	57.8	52.6	48.8	46.4	50.7
1933	44.5	43.0	44.4	48.2	51.7	56.2	59.0	61.0	60.1	56.0	49.9	45.3	51.6
1934	44.1	43.7	43.5	45.8	50.1	55.5	59.6	59.4	57.5	54.6	48.9	48.1	50.9
1935	46.5	45.2	45.5	48.0	51.5	54.9	59.2	61.1	58.3	53.7	48.7	44.0	51.4
1936	42.6	42.2	43.7	46.8	50.8	54.7	58.5	58.9	58.9	54.4	49.4	45.6	50.5
1937	45.1	44.1	43.3	46.7	52.5	56.1	57.8	59.8	57.7	54.0	49.0	44.6	50.9
1938	44.1	44.7	46.8	49.7	52.1	54.9	57.3	59.2	57.6	54.5	51.7	46.7	51.6
1939	44.4	44.9	46.3	48.6	52.0	57.2	58.3	59.4	59.3	54.3	50.5	47.6	51.9
1940	42.7	43.2	45.8	48.8	53.2	58.7	59.5	60.0	58.7	54.1	49.4	46.2	51.7
1941	42.4	42.8	43.8	46.5	50.5	55.3	59.0	59.2	58.8	56.1	50.5	48.0	51.1
1942	45.2	44.2	44.7	48.9	52.1	55.9	58.8	59.4	58.6	54.8	49.2	47.5	51.6
1943	45.9	46.1	47.3	50.3	52.4	56.3	59.0	59.6	58.1	54.9	51.6	46.9	52.4
1944	46.4	46.5	45.5	49.2	52.8	55.8	57.9	60.1	57.7	54.0	49.7	46.7	51.9
1945	43.9	44.2	47.6	51.1	53.2	56.2	57.8	59.8	59.1	56.6	53.3	49.6	52.7
1946	46.3	46.3	45.7	49.7	52.1	55.6	58.7	58.7	57.3	55.6	51.6	46.9	52.0
1947	44.7	41.7	41.5	46.7	51.1	56.5	58.3	60.7	60.1	56.4	52.3	46.9	51.4
1948	44.9	44.7	46.4	49.2	53.0	55.5	57.2	59.3	57.8	55.8	51.5	48.7	52.0
1949	46.3	46.6	47.2	50.2	53.6	56.5	61.0	60.5	60.0	57.4	50.9	47.0	53.1
1950	47.1	45.1	47.2	49.0	52.4	57.1	58.8	58.5	57.0	53.9	49.3	44.7	51.7
1951	43.3	43.0	44.1	46.5	49.8	54.0	56.7	57.6	56.8	54.8	51.1	48.0	50.5
1952	44.7	43.2	46.3	48.2	52.6	55.6	58.1	59.1	57.0	52.7	50.1	45.5	51.1
1953	44.2	44.7	45.5	48.1	51.8	55.2	57.6	58.8	57.8	55.1	51.1	49.5	51.6
1954	46.6	45.3	46.1	49.2	51.1	55.1	56.6	57.2	56.5	54.7	51.0	47.8	51.4
1955	45.8	44.4	43.7	47.7	51.1	54.2	58.0	60.3	59.2	55.7	51.4	48.8	51.7
1956	45.8	44.2	45.4	48.5	52.1	55.1	57.4	57.9	56.9	55.1	51.3	48.8	51.5
1957	46.5	46.0	47.9	50.7	52.5	56.1	58.5	59.0	57.3	54.9	51.0	48.1	52.4
1958	46.4	45.8	45.6	47.8	52.1	55.6	58.0	58.9	58.8	55.9	52.6	48.3	52.1
1959	44.5	44.3	47.5	50.4	53.3	57.5	60.2	60.5	59.5	56.6	51.4	47.8	52.8
1960	45.8	44.7	46.1	48.9	54.0	58.4	60.0	59.9	59.1	55.0	50.9	47.1	52.5
1961	44.3	45.8	48.3	51.1	54.7	57.0	59.2	59.2	58.6	55.3	50.5	46.8	52.6
1962	43.6	46.0	44.7	47.8	53.0	55.9	57.6	58.9	57.7	54.8	50.4	47.3	51.5
1963	42.6	41.1	44.2	47.8	52.4	56.8	58.0	59.1	57.4	55.1	51.8	47.2	51.1