

## Phoenix Park Dublin

+ Ground 8 ft  
Lifes + c - 2.

+ Sea level 167.6

YEAR - -	1836	1837	1838	1839	MEANS.
January - -		1.11	1.23	2.56	
February - -		2.51	4.63	1.48	
March - - -		.83	1.73	2.44	
April - - -		1.89	2.58	1.25	
May - - - -		2.05	1.63	.85	
June - - - -		1.92	2.35	2.26	
July - - - -		4.07	2.47	6.16	
August - - -		1.46	3.55	4.41	
September -		2.69	.65	6.09	
October - -		1.87	1.85	3.97	
November -		1.86	4.18	4.12	
December -		2.05	1.60	3.34	
TOTALS -		25.71	28.45	38.93	

C C C

These observations are copied from a book published  
by the order of the Board of Ordnance.

+ Ground 8 ft

+ Sea Level 167.6

Liffey + c - 2.

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -	3.37	1.71	1.20	1.89	1.73	3.41	2.89	2.78	1.56	3.05	2.359
February - -	1.98	1.17	2.87	1.58	2.51	.70	.86	2.44	3.62	.01	1.854
March - - -	.35	1.67	2.30	1.50	2.06	1.52	2.29	1.05	2.26	1.02	1.602
April - - -	1.23	1.10	1.00	2.99	1.21	.84	5.51	2.71	2.53	2.73	2.185
May - - - -	3.40	2.37	3.68	4.64	.30	1.60	1.77	2.30	1.57	2.20	2.383
June - - - -	1.74	2.05	2.23	2.88	1.50	3.30	.97	1.75	3.33	.40	2.015
July - - - -	3.10	2.77	3.18	2.25	2.06	2.78	2.93	.79	2.20	2.37	2.451
August - - -	3.49	2.97	1.58	2.03	3.70	2.44	4.77	1.52	4.25	3.92	3.067
September -	1.84	1.49	3.46	1.23	2.85	1.05	2.16	1.54	2.75	3.57	2.194
October - -	2.30	4.84	1.73	3.92	2.82	2.69	3.38	1.92	4.39	4.13	3.212
November -	4.23	2.79	5.24	2.54	4.99	2.76	1.47	2.38	1.40	1.72	2.952
December -	1.66	3.27	1.13	.41	2.36	3.12	1.08	2.86	2.16	3.25	2.130
TOTALS -	28.77	28.20	29.60	27.86	28.09	26.21	30.08	24.04	32.02	29.17	28.404

C C C C C C C C C C

+ Ground 8 ft.  
Lipen etc - 2.

+ Sea level. 167.6

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	2.87	4.24	3.04								
February - -	1.81	.99	2.67								
March - - -	.70	2.39	.69								
April - - -	3.69	1.68	1.15								
May - - -	2.22	1.11	3.52								
June - - -	1.65	2.97	6.14								
July - - -	2.50	2.67	2.12								
August - - -	1.86	2.09	3.68								
September -	2.05	.93	2.46								
October - -	1.53	3.33	2.99								
November -	2.27	1.04	5.91								
December -	3.07	.89	3.68								
TOTALS -	25.62	24.33	38.54								

# RAINFALL AT *Phoenix Park Dublin*

50

*B.S.R.*

*Ans return*

Rain { By .....  
Gauge { ..... *Mean of 2 gauges* 3 ft. 8  
Diameter.....in. Height above Ground 10 ft. .... in. Above Mean Sea Level, 159 ft.

*Lifey re - 2.*

YEAR.....						1855	1856	1857	1858	1859	MEANS.
January .....							2.22	1.96	1.21	1.47	
February .....							1.39	1.11	.57	.53	
March .....							.35	1.92	1.26	2.11	
April .....							1.59	3.30	4.29	3.78	
May .....							4.61	1.32	1.35	.60	
June.....						1.98	2.39	3.34	1.53	1.39	
July .....						3.09	1.80	1.97	3.34	1.13	
August .....						2.49	2.75	1.53	1.29	1.40	
September ...						9.65	3.19	1.26	2.54	2.51	
October.....						4.33	1.24	2.21	3.04	1.30	
November.....						1.64	.65	1.95	.94	2.81	
December.....						1.24	1.96	.52	1.92	2.57	
TOTALS .....							24.14	22.39	23.28	21.60	

*C C C C C*

*3225*

*26.18*



RAINFALL AT *Dublin**Phoenix Park**B. A. Wilkinson**050*

Rain { By .....

Gauge {

By .....

Diameter... *1.3* in.Height above Ground, *3* ft. .... in.Above Mean Sea Level, *162* ft.*Lifes, re - 2.*

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....						1.66			2.67	3.45	
February .....						2.79			1.18	1.56	
March .....						1.49			1.70	2.49	
April .....						1.30			1.61	1.53	
May .....						3.61			1.15	5.16	
June .....						.96			.69	.70	
July .....						2.04			.65	.75	
August .....						4.26			4.11	1.31	
September ...						.11			3.15	4.01	
October .....						3.26			1.08	1.30	
November ...						3.51			1.48	2.55	
December .....						3.35			4.25	2.76	
TOTALS.....						28.34			23.72	27.57	

*C**C**C*

# RAINFALL AT Dublin

60

Phoenix Park

B. de Wittman

O. S. D.

By Rain  
Gauge Diameter 3.1 in.

4.600 ft from 3 ft g. and quite clear

Height above Ground, 10 ft. .... in.

Above Mean Sea Level, 169 ft.

Lipsey & Co. - 2.

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEAN.
January .....						1.72	2.29	2.67	2.95	3.63	
February .....						2.79	1.94	1.82	1.37	1.72	
March .....						1.51	3.30	3.57	1.89	2.63	
April .....						1.30	1.92	2.21	1.42	1.61	
May .....						3.55	2.20	2.46	1.10	5.21	
June .....						.91	3.61	.50	.66	.70	
July .....						1.97	1.43	2.60	.63	.72	
August .....						4.16	2.16	2.21	4.15	1.25	
September ...						.10	2.95	1.14	3.13	4.18	
October .....						3.33	1.16	3.14	1.11	1.37	
November ...						3.55	1.82	.81	1.56	2.68	
December.....						3.34	1.84	.80	4.51	2.76	
TOTALS.....						28.23	26.62	24.01	24.48	28.46	

c c c c c

27.15

RAINFALL AT *Dublin V.S.O. Phoenix Park*

Lat..... Lon..... County of.....

Rain Gauge, by..... Observer .....

*Lifey rc-2.*

Diameter .....	1.2						2.7					
Height .....	10.											
Altitude .....	170.			159	170 <sup>*</sup>							
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.44	3.77	2.89	2.85	2.27	2.03	.32	3.95				
February.....	1.72	1.48	1.91	.54	1.86	3.56	3.04	1.61				
March.....	2.08	1.79	3.37	2.70	1.13	1.23	2.27	2.58				
April.....	.76	3.45	2.81	.41	1.08	.95	2.76	3.86				
May.....	1.17	.29	1.80	1.13	1.99	1.04	1.08	2.15				
June.....	.98	2.46	3.10	1.20	.67	3.02	1.53	1.09				
July.....	1.31	4.97	1.12	3.66	2.28	3.03	1.56	3.32				
August.....	1.67	1.43	3.32	4.84	5.09	2.34	2.32	3.71				
September.....	2.63	1.40	3.05	2.44	2.45	3.20	3.19	1.30				
October.....	5.97	3.55	4.47	3.20	2.97	6.67	3.68	1.76				
November.....	1.17	1.19	3.40	2.29	3.24	3.85	3.38	2.70				
December.....	<sup>2.39</sup> at ft. other	1.16	4.57	.77	2.80	1.91	6.37	1.99				
TOTALS.....	23.29	26.94	35.81	25.53	27.83	32.83	31.45	30.02	22.66	22.45	29.081	

C C C

other gauge

1877 Ties about 30ft high &amp; 50 yds distant

Decr 1870 - Dublin FitzWilliam Sq.

1878 + 1879 = other gauge



# RAINFALL AT Dublin O. J. O. Phoenix Park

70

Lat. ....

Lon. ....

County of Dublin

Rain Gauge, by .....

Observer .....

Lifes, etc - 2.

Diameter....								5	578		
Height ....								3 0	30712		
Altitude ....								163	165		
Year ....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January ....								3.95	1.23	1.43	
February. ..								1.61	1.44	3.18	
March.....								2.57	1.16	1.95	
April .....								3.87	2.45	1.48	
May .....								2.15	4.37	2.17	
June .....								1.08	5.39	4.24	
July.....								3.33	74	4.49	
August ....								3.76	4.52	2.93	
September ..								1.31	1.66	2.46	
October ....								1.82	1.91	1.32	
November ..								2.72	1.47	1.50	
December ..								2.02	2.32	1.30	
TOTALS ..								30.19	28.66	28.45	

1877 Trees about 30ft high & 150ft distant

79 Trees " 40. " & 100 yds E. & W.

Castletown church 1 mile NW.



# RAINFALL AT *Dublin Phoenix Park*

Lat. ....

Lon. ....

County of *Dublin*

Rain Gauge, by .....

Observer

*Col. Martin, R.E.*  
*Capt. Purchas R.E.*

*Lifey + c - 2.*

Diameter ....	8										
Height .....	1.0										
Altitude ....	164 $\pi$										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.69	1.72	1.57	2.70	2.80	2.04	3.43	1.56	1.06	1.56	1.913
February ....	2.55	3.00	2.19	2.82	2.72	1.66	1.75	.72	.91	2.28	2.060
March .....	3.60	1.50	2.80	1.02	1.47	1.69	2.10	1.48	3.93	.99	2.058
April .....	1.90	1.43	3.64	1.65	1.45	2.12	1.54	1.46	1.81	2.36	1.936
May .....	.79	2.01	2.15	2.19	1.50	2.06	4.92	1.07	.93	1.90	1.952
June .....	2.86	2.53	2.44	1.86	1.50	1.05	.99	.15	3.83	.10	1.731
July .....	5.40	1.60	4.10	2.93	2.54	1.32	2.04	.99	5.02	2.48	2.842
August .....	1.32	5.17	2.38	3.76	.96	2.75	1.28	1.26	1.52	6.48	2.688
September ....	1.98	1.31	2.97	3.32	1.26	2.98	3.21	1.85	.68	1.01	2.057
October ....	7.91	3.92	3.02	2.18	1.10	3.33	4.70	1.12	1.29	4.71	3.328
November ....	4.08	2.61	3.90	3.54	1.80	1.78	2.23	3.26	5.43	1.17	2.980
December ....	3.15	1.55	3.71	1.62	2.16	.73	3.21	1.39	2.31	1.89	2.172
TOTALS ....	36.23	28.35	34.87	29.59	21.26	23.51	31.40	16.31	28.72	26.93	27.717

27717

1880. *Castlenock*

*1 mile*

*N.W*

*Trees 40ft high 100 yards E*

# RAINFALL AT *Dublin Phoenix Park*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Dublin*

Rain Gauge, by \_\_\_\_\_

Observer *Major Kirkwood R.E.*

*Liffey + C - 2.*

*Major Holland R.E.*  
*Major C. Haynes R.E.*

Diameter ....	8										
Height .....	10										
Altitude ....	162 $\pi$			155 $\pi$							
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.69	.89	2.15	2.42	2.58	4.42	1.08	2.77	2.02	2.56	2.358
February ....	.65	.06	1.93	2.85	2.35	1.03	1.29	1.55	1.68	1.41	1.480
March .....	2.98	1.05	1.09	.46	1.55	2.65	3.85	3.32	1.24	.92	1.911
April .....	1.38	1.29	1.39	.78	2.89	1.59	1.14	2.67	2.33	2.02	1.748
May .....	1.92	2.67	4.27	2.14	4.15	.28	.40	1.10	3.38	2.14	2.245
June .....	2.03	2.37	1.64	2.01	1.78	2.64	1.55	3.00	1.95	1.58	2.055
July .....	2.15	1.76	2.48	2.92	3.98	4.99	5.26	1.53	.99	3.12	2.918
August .....	3.03	4.78	4.06	2.52	3.70	4.80	1.37	4.49	3.81	2.80	2.536
September....	2.04	2.52	2.88	.86	.20	.58	4.82	2.59	1.78	3.12	2.139
October .....	.88	2.86	2.73	1.19	3.63	2.87	2.70	1.74	4.05	1.73	2.438
November....	3.99	2.64	2.89	1.73	1.52	3.00	.80	3.78	5.50	1.87	2.742
December ....	1.73	3.51	1.61	2.56	1.92	3.80	4.53	2.25	1.12	3.69	2.642
TOTALS ....	25.47	26.40	29.12	22.44	30.25	32.65	28.79	30.79	29.85	26.96	28.292

1890 Castleknock Church 1 mile NW

Trees about  $\frac{1}{8}$  mile E + W

1880-

" " soft hyl  $\frac{1}{2}$  mile N + S

# RAINFALL AT Dublin Phoenix Park

Lat. ....

Lon. ....

County of Dublin

Smoked  
Liffey + C - 2.

Rain Gauge, by Pastor, etc.

Observer Major C. Haynes R.E.

Lt. Col. G. H. Smyth R.E.  
Major G. H. Smyth R.E.

Diameter ..	8										
Height ....	1' 0										
Altitude ..	155 $\pi$										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.86	3.02	1.71	3.53	2.56	1.44	3.59	.57	2.32	1.49	2.309
February ..	3.21	1.12	1.48	2.09	3.30	.90	1.94	1.34	1.82	.68	1.788
March ....	1.01	1.88	1.66	3.80	2.30	2.57	1.62	2.40	2.12	2.95	2.231
April .....	1.65	.81	1.28	1.05	1.35	2.29	1.57	2.44	2.26	3.67	1.837
May .....	2.06	1.04	2.93	2.19	2.34	1.24	2.55	2.77	1.79	1.12	2.003
June .....	3.70	1.33	2.85	1.83	1.47	1.08	1.54	3.05	1.40	1.91	2.016
July .....	4.59	1.91	2.64	5.17	1.44	.95	1.23	2.15	2.24	2.88	2.520
August ....	6.17	2.80	2.37	3.73	2.80	6.48	1.88	2.87	2.87	1.36	3.333
September ..	1.19	2.87	2.64	2.86	1.54	1.17	.74	.46	3.08	1.88	1.843
October ....	3.44	2.79	2.73	2.34	.65	1.36	3.05	5.20	1.42	3.26	2.624
November ..	5.20	4.07	2.55	2.49	1.41	3.73	1.90	2.36	1.29	1.49	2.649
December ..	2.14	2.12	1.62	1.82	1.54	1.25	2.10	2.17	1.79	3.73	2.028
TOTALS ..	37.22	25.76	26.46	32.90	22.70	24.46	23.71	27.78	24.40	26.42	27.181

27.181

1900 Castleknock Church  $1\frac{1}{2}$  miles <sup>NE</sup> N.W.

Trees 40 ft high 1 furlong <sup>NE</sup> N.E. & S.W.

Buildings " " " " " E

1905 Blanchardstown Station  $1\frac{1}{4}$  mile N.W.

1908 Kingbridge Station  $2\frac{1}{2}$  " S.E.

Observatory 34 ft. high 15 feet N.

+ . 8. II. 06 H.R.M. In air fence. Very clear & open site



RAINFALL at Dublin Phoenix ParkCounty of DublinObserver Ordnance Survey Office  
J. E. LuterRiver Basin Liffey + C 2Snodden Rain Gauge, bym + 2.

Diameter ...	8				5			8			
Height .....	10										
Altitude ...	156				159	155.3					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.05	.87	2.97	3.90	1.29	2.96	1.89	1.32	1.61	2.90	
February ...	2.78	1.38	1.56	.72	2.21	2.99	3.67	1.93	2.05	1.47	
March .....	.67	1.68	2.20	2.48	1.91	.85	3.60	2.68	1.28	2.51	
April .....	2.37	1.27	1.18	2.75	.93	1.62	2.09	1.44	2.03	1.19	
May .....	2.46	1.18	1.19	3.00	2.11	1.60	4.21	2.91	2.22	1.83	
June .....	5.15	1.54	3.39	1.39	1.13	1.48	1.12	1.25	1.20	2.43	
July .....	2.20	2.22	3.28	.80	2.34	5.50	2.42	1.69	3.88	1.13	
August .....	2.87	1.25	5.48	.73	3.85	2.30	3.00	2.29	2.23	2.20	
September ..	.59	1.27	.42	4.10	1.23	.92	2.22	1.71	4.89	1.99	
October ...	1.58	3.55	1.60	4.43	1.67	4.03	6.60	3.32	2.72	2.08	
November ..	3.08	3.74	1.71	2.24	3.83	3.98	6.26	1.94	2.25	2.42	
December ...	4.75	3.29	2.06	1.91	6.52	4.90	3.05	2.72	3.01	4.02	
TOTALS	31.55	23.24	27.04	28.45	29.02	33.13	40.13	30.16	29.37	26.17	29.820

D D

mm.

1913. The Observatory is in an open field surrounded by plantation of trees, there is no conspicuous object within some distance.

1916 Stevenson screen 5' high 6' SW

+ inspected

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Ashtown	1 1/4 miles	NW.	Castleknock	1 1/4 mile	WNW.
1912	53° 21' 48"	6° 20' 59"	(1914)	1 1/2 miles	NW.			N (1914)

RAINFALL at Dublin Phoenix ParkCounty of DublinObserver Ordinance Survey OfficeRiver Basin Rifey + C - 2

(H. J. Rose, Observer, 1922)

Coffey M.O. Rain Gauge, by Postell(1927) Sanctioned

Diameter ...	8			8								
Height .....	1 0			1 0								
Altitude ...	156			155.3								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MEANS.
January ...	4.00	3.12	2.43	1.88	3.49	2.47	3.48	3.07	2.85	.89	4.04	
February ...	1.92	.88	1.85	4.72	.48	4.24	1.60	2.35	2.43	2.04	1.20	
March .....	2.51	2.54	1.40	.89	.76	.78	.93	2.94	1.05	.27	3.85	
April .....	2.69	.87	2.41	3.25	1.99	2.48	1.98	1.31	.48	1.28	1.36	
May .....	2.36	3.24	.69	1.80	3.28	5.55	2.89	.76	1.41	1.52	2.19	
June .....	1.87	.26	.85	1.15	3.00	.26	2.60	2.97	1.67	1.38	1.72	
July .....	5.10	3.54	2.15	3.51	3.93	2.75	2.49	3.02	1.46	2.65	3.50	
August .....	1.88	2.65	3.75	4.36	3.15	1.39	2.11	5.54	3.97	4.67	5.02	
September...	1.30	1.46	2.55	2.31	5.29	2.31	1.68	3.98	.83	.60	6.73	
October .....	5.03	2.46	.73	2.19	2.04	2.51	3.12	2.76	2.85	2.80	3.21	
November...	5.59	2.27	.39	2.02	2.26	2.63	3.50	3.01	3.61	4.77	2.72	
December...	2.18	2.70	2.21	2.08	3.84	1.77	.92	2.11	2.50	5.49	3.12	
TOTALS...	33.43	35.99	21.41	30.16	33.51	29.14	27.30	33.82	31.11	28.36	38.66	
	D	D	D	D	D	D	D	D	D	D	D	

gauge used 8 ft. H.S.T. 69.20.

29423

1920. Wind gauge 34 ft. high 5 ft. NE

Shelter over 5 ft. 15 ft. SW.

1922: Plantations 20' - 30' high 20 - 100 yds N & NE  
" " " " " " 100 yds NW & SW.

Buildings 30' 100 - 150 yds. SE.

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 22'	6° 21'	Ashtown (newer)	15	NE	St. Bridget's	15	N.W.
1924	53° 24'	6° 20'	Blanchardstown	2	NW	Centenary	1/2	" "

RAINFALL at Dublin (Phoenix Park) M.W.R.County of DublinThe Director  
Observer Ordnance Survey Office.River Basin 2-Liffey & cType of Gauge Snowdon.Annual Average 27.6 in. based on 25 years obs. un-weighted. Period of average 1881-1905 Ref. 2111

Diameter	8"										
Height	1' 0"										
Altitude	155'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.71	2.66	1.89	1.97	1.02	3.33	2.80	2.53	3.34	3.19	
February	1.47	.25	3.94	.17	3.74	2.00	3.27	.59	1.99	3.33	
March	1.22	1.81	1.88	2.32	.72	1.51	4.72	.85	2.76	1.40	
April	2.36	2.76	.64	2.24	2.06	2.01	1.52	.06	2.04	3.28	
May	2.87	3.97	2.09	1.28	1.98	1.11	1.16	2.52	.67	.99	
June	3.76	.48	1.78	1.78	2.91	2.80	1.31	2.58	2.12	.88	
July	3.53	5.11	1.90	1.78	.62	6.49	1.74	3.89	2.57	4.10	
August	2.87	1.58	.75	3.29	2.20	1.08	2.34	2.13	2.30	.61	
September	4.46	2.89	.95	3.05	3.93	2.70	1.45	1.37	2.89	2.08	
October	.99	2.76	2.72	2.06	2.57	1.65	4.45	5.55	2.89	5.28	
November	3.99	1.38	1.25	1.82	3.86	2.32	2.17	2.54	4.26	3.63	
December	1.40	3.95	1.59	4.41	1.34	2.51	1.74	3.00	2.01	1.72	
TOTALS	38.65	30.63	29.60	21.38	26.17	26.65	29.51	28.67	27.61	29.84	30.49

Inspected 11/8/34 O.K.  
1936. Gauge moved 100 yds East on 26<sup>th</sup> Feb.

28872 10 yds Total

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....  
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
	58° 22'	62° 1' W.	Blanchardstown	2 m	N.W.	Backinrock	1 m	N.W.