

RAINFALL AT *Belfast**Old Park**Antonia**W. Girdwood*

Rain { By .....

Gauge { Diameter.....*6*.....in. *57*Height above Ground, *4*.. ft. .... in.Above Mean Sea Level, *224*.. ft.*Belfast Rough - 1.*

YEAR.....											MEANS.	
January .....								<i>1866</i>	<i>1867</i>	<i>1868</i>	<i>1869</i>	
February .....								<i>4.88</i>	<i>5.22</i>	<i>3.60</i>	<i>4.16</i>	
March .....								<i>3.04</i>	<i>4.42</i>	<i>3.76</i>	<i>6.02</i>	
April .....								<i>3.67</i>	<i>2.56</i>	<i>6.01</i>	<i>2.40</i>	
May .....								<i>1.59</i>	<i>4.95</i>	<i>3.69</i>	<i>2.92</i>	
June.....								<i>1.90</i>	<i>4.43</i>	<i>2.78</i>	<i>2.36</i>	
July .....								<i>3.07</i>	<i>1.35</i>	<i>.61</i>	<i>1.46</i>	
August.....								<i>3.17</i>	<i>5.85</i>	<i>.70</i>	<i>2.41</i>	
September ...								<i>5.01</i>	<i>3.20</i>	<i>5.05</i>	<i>2.37</i>	
October.....								<i>6.27</i>	<i>2.55</i>	<i>1.58</i>	<i>6.41</i>	
November.....								<i>2.33</i>	<i>5.59</i>	<i>3.40</i>	<i>2.59</i>	
December.....								<i>4.85</i>	<i>1.54</i>	<i>3.09</i>	<i>5.81</i>	
TOTALS .....								<i>44.84</i>	<i>45.03</i>	<i>39.90</i>	<i>42.79</i>	

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RAINFALL AT *Belfast Old Park*

Lat.....

Lon.....

County of.....

*Armagh*

Rain Gauge, by.....

Observer.....

*W. Greenwood Esq.**Belfast Gauge - 1.*

Diameter.....	.6											
Height.....	4											
Altitude.....	224											
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.54	4.24	6.49	4.58	2.42	5.54	1.96	7.69	4.86			
February.....	2.89	4.15	4.45	.78	2.49	1.03	4.78	4.41	2.03			
March.....	1.96	2.28	2.78	2.29	1.97	1.55	4.38	3.24	2.46			
April.....	1.85	3.95	2.87	.67	1.81	.37	2.55	4.24	.93			
May.....	3.30	.77	2.91	2.62	1.07	2.43	.51	2.60	4.00			
June.....	1.11	2.51	5.00	1.98	1.07	3.73	3.71	2.96	3.32			
July.....	2.57	6.22	3.05	6.36	3.09	2.58	2.22	4.27	2.14			
August.....	2.84	2.93	4.58	5.89	4.68	3.49	3.86	3.52	3.57			
September.....	2.90	2.65	4.97	1.87	3.49	3.82	5.46	2.43	2.97			
October.....	10.15	4.68	5.55	5.00	5.31	4.63	5.99	5.39	4.76			
November.....	1.50	3.79	4.79	3.17	4.65	4.22	3.97	6.11	2.38			
December.....	2.38	2.72	5.89	.85	4.60	2.45	7.97	5.26	2.38			
TOTALS.....	36.99	40.89	53.33	25.95	36.65	35.84	47.56	52.12	35.80			

77 Tree 15 ft high 20 yds distant

1879 Observer dead

# RAINFALL AT Belfast, Oldpark Filters.

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Anttrim

Rain Gauge, by \_\_\_\_\_ Observer F.W. McCullough Esq. C.E.  
Belfast Lough - 1.

Diameter ...									5		
Height .....									3 6		
Altitude ...									203 <sup>+</sup>		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									3.20	1.82	
February ...									1.78	2.77	
March .....									3.88	3.59	
April .....									3.98	3.67	
May .....									2.28	1.47	
June .....									3.72	2.22	
July .....									3.79	3.30	
August .....									2.88	2.42	
September ..									4.44	1.74	
October ...									2.50	4.82	
November ..									2.66	.84	
December...									3.46	3.72	
TOTALS ...									38.57	32.38	

1908. Belfast Cathedral  $1\frac{1}{8}$  mile S.  
 " Station (Mid. R.R.)  $1\frac{1}{2}$  " SE.



RAINFALL at Belfast Oldpark FiltersCounty of AntrimObserver F.W. McCullough EsqRiver Basin Belfast Lough 1

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

Diameter ...	5											
Height .....	3.6											
Altitude ...	203A											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.00	1.81	3.42	4.71	3.59	5.23	2.78	2.26	2.87	4.48	34.15	
February ...	4.89	2.92	2.98	1.27	3.89	4.52	3.75	2.38	5.05	1.05	3330	
March .....	1.60	1.35	3.99	3.10	4.66	1.07	1.77	2.96	1.21	3.70	2547	
April .....	2.19	2.93	1.32	4.14	1.57	2.11	4.24	1.71	1.83	1.07	2511	
May .....	2.45	2.42	1.27	4.58	1.68	.99	4.71	5.46	3.30	1.24	2810	
June .....	3.71	1.75	6.69	2.77	1.32	1.72	1.98	2.22	1.56	2.04	2576	
July .....	4.68	2.11	4.37	1.74	2.05	4.10	2.30	2.33	3.58	.17	2743	
August .....	5.87	2.21	5.83	1.06	3.20	3.59	1.60	5.81	3.29	3.29	3575	
September ..	1.16	1.32	1.51	3.94	1.66	1.28	.74	2.07	5.89	3.26	2283	
October ...	2.18	3.57	3.87	4.26	1.71	3.06	9.11	6.26	5.04	1.70	4086	
November ..	3.48	4.42	3.03	4.24	5.94	2.60	3.89	4.84	5.04	3.07	4055	
December ...	4.27	5.33	4.58	3.60	8.19	6.29	2.33	2.67	5.41	7.41	5008	
TOTALS ...	39.48	32.14	42.86	39.51	39.46	36.56	39.20	40.97	44.07	33.14	38739	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Belfast. Old park filterCounty of AntinObserver L. W. McCullough Esq. C.B.River Basin Belfast Lough - 1C. B. Wheeler (Belfast W.D. Eng.)

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

Diameter ...	5			5							
Height .....	3.6			3.6							
Altitude ...	203			203							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	4.98	5.42	4.62	4.84	5.06	3.16	5.09	3.57	7.63	2.29	4.80
February ...	1.83	.57	3.84	6.39	.85	4.15	4.80	1.75	4.61	4.23	.90
March .....	5.72	2.24	1.28	2.53	1.36	1.24	1.52	2.65	3.74	.57	2.03
April .....	2.50	.89	3.62	3.28	3.15	3.89	1.93	1.26	1.46	1.28	2.01
May .....	3.40	1.52	1.67	1.43	5.12	6.23	2.30	1.43	1.65	2.93	2.02
June .....	2.96	.21	2.18	0.49	4.32	.41	1.97	3.91	4.83	3.12	2.35
July .....	2.37	3.22	3.52	1.60	4.42	3.96	3.74	2.93	2.35	3.51	3.34
August .....	2.17	3.18	3.63	7.40	5.71	1.70	3.67	3.10	3.82	5.67	6.41
September...	2.36	1.71	1.98	4.34	6.93	3.96	2.23	5.42	2.13	.83	4.51
October .....	6.57	4.21	1.82	5.80	3.00	3.47	3.85	3.66	7.38	4.33	6.03
November...	3.26	4.97	1.39	4.20	4.17	1.86	4.18	4.84	5.61	5.10	5.39
December...	5.67	3.75	2.86	5.78	4.83	4.68	1.05	2.91	4.55	7.62	4.24
TOTALS...	40.59	31.87	32.41	48.08	48.92	38.71	36.33	37.43	49.76	41.48	44.03

A.B. Old g. to be check, H.B., in 1931.

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1925	54° 38'	5° 57'	Belfast.					
						000414		

RAINFALL at Belfast, Oldpark, (New Gauge)

County of Antoin Observer L. F. Wheeler, Esq. & C.

River Basin Belfast Lough - 1

*Rain Gauge, by*

Diameter ...											5	
Height .....											10	
Altitude ...	6216 1916 -19	6217 CPV	6216 1920-25	6217 CPV							203	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS:	
January ...	1239	1310	3654	3860						2.31	4.77	Total 20-30 43.68
February ...	1283	1350	2418	2550						3.83	.95	30-23
March .....	970	1030	1554	1640						.63	2.04	19-07
April .....	885	940	2032	2170						1.48	2.23	25.41
May .....	1471	1550	2310	2470						2.85	2.13	29.38
June .....	780	820	1645	1750						3.26	2.33	23.09
July .....	838	890	2576	2730						3.68	3.78	34.76
August .....	1399	1470	3056	3220						5.83	6.86	44.89
September...	1196	1260	2893	3050						1.09	4.67	36.26
October .....	2211	2330	3238	3420						4.93	6.29	45.42
November...	1684	1770	2087	3040						5.58	5.32	41.30
December...	1782	1880	3151	3330						8.29	3.98	45.57
TOTALS...	15738	16600	31434	33200						43.76	45.35	421.11

1929. This new L. is set up about 300 yards N.N.W. of the old Oldpark gauge.

6216 1929-31 = 16026      100  
6217 " " = 16097      100.4

[illegible]



RAINFALL at Belfast (Oldpark Hillers) old gaugeCounty of AntrimObserver G. F. Wheeler, C.E.River Basin 1- Belfast Lough

Type of Gauge.....

Annual Average.....in. based on..... years obs. un-weighted. Period of average..... Ref.....

7.664992/26

Diameter	5'											
Height	3' 6"											
Altitude	203'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.49	2.96										
February	3.30	.07										
March	1.30	1.86										
April	2.77	3.27										
May	4.23	2.77										
June	5.41	1.30										
July	2.71	5.02										
August	3.40	2.68										
September	1.63	3.32										
October	2.19	3.44										
November	6.11	1.92										
December	3.25	5.35										
TOTALS	40.79	33.96	#									

1931. N. E. Terminated  
 Told not require in future incl. 6 ft an file  
 1932. N.P.

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
	54°38'	5°57'	Belfast.					

RAINFALL at Belfast (Oldpark Fellers) new gaugeCounty of AntrimObserver B. J. W. Feller, G.E.River Basin 1-Belfast LoughS. H. W. Middleton Esq. G.E.

Type of Gauge.....

Annual Average 39.2 in. based on..... years obs. un-weighted. Period of average..... Ref.....7.664992/26

Diameter	5"											
Height	1' 0"											
Altitude	203'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.47	3.13	2.47	2.81	1.06	4.55	5.16	4.51	5.76	4.99		Total 38.91
February	3.76	.07	3.88	.26	3.91	2.23	5.80	1.20	3.83	3.36		28.22
March	1.32	2.01	2.65	2.10	1.69	2.41	2.41	1.02	4.73	5.72		26.09
April	3.15	3.88	1.60	3.08	2.54	.96	2.23	.18	2.88	5.17		25.67
May	4.32	3.08	2.60	3.54	1.13	1.43	.90	2.35	.78	1.17		21.30
June	5.72	1.48	3.17	2.37	4.93	4.29	2.73	4.29	2.16	1.48		32.62
July	3.11	5.19	3.30	2.72	.63	6.06	3.77	4.31	5.94	4.92		39.25
August	3.58	2.84	2.67	5.02	2.48	3.23	3.26	2.37	1.94	1.12		28.51
September	1.80	3.50	.88	4.11	4.44	4.58	2.16	3.06	2.52	2.70		29.80
October	2.39	3.89	3.14	4.23	4.91	2.71	2.68	7.16	2.32	6.37		39.80
November	5.93	2.23	1.45	.99	4.54	3.94	1.04	3.84	6.66	6.84		37.46
December	3.25	5.76	2.44	6.67	3.88	3.18	4.77	4.10	3.65	5.48		42.88
TOTALS	42.80	37.06	29.90	37.90	36.19	39.57	36.91	38.39	43.17	49.32		391.21

Inspected 27/4/34 O.K.

\* Used in general tables in italics. Origin unknown. P.W.

Position of Station on reduced Ordnance Survey Map,  
1 mile to 1 inch Series

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





Station No. T.F. 6217

RAINFALL at Belfast (Oldmark Field)

51

County of Antrim

Observer R. H. + S. Cullenagh, Esq., B.Sc.

River Basin 1 - Belfast - Lough

R. E. D. BARNES, BA (1952)

Type of Gauge M.O.

Annual Average 39.0 in. based on 19 years obs. un-weighted. Period of average Ref.

" " 45.81 " 16 " 1942-57 " " 1916-50 66.49 2/26  
File No. 622942/26

Diameter ...	5"				970250							
Height ...	1'0"				1				11"			
Altitude ...	203'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.60	4.73	1.78	3.05	4.05	4.19	4.85	4.76	2.52	3.75		
February ...	3.52	1.04	1.61	4.57	3.87	1.31	2.52	6.49	1.36	2.53		
March ...	3.16	1.61	4.1	4.96	1.27	1.77	3.78	2.19	2.89	2.55		
April ...	2.08	1.77	2.09	.75	3.03	1.30	2.04	2.07	2.72	2.93		
May ...	2.94	1.25	2.49	4.03	3.15	1.85	2.95	3.88	1.94	2.19		
June ...	2.32	3.19	1.53	3.05	5.26	3.27	1.20	7.83	2.64	2.55		
July ...	4.99	2.19	6.39	4.17	1.64	3.77	4.39	4.79	4.36	5.31		
August ...	5.61	6.16	3.30	2.87	1.18	6.69	3.93	4.66	.87	5.30		
September ...	3.10	2.26	2.67	5.13	4.79	4.19	5.93	5.46	1.53	2.83		
October ...	0.73	4.39	2.17	7.08	2.83	3.15	4.65	2.09	3.28	5.38		
November ...	8.11	3.42	4.23	7.27	3.31	2.12	2.10	2.35	3.43	5.04		
December ...	5.85	5.05	3.62	6.66	6.84	6.10	5.53	6.13	6.07	2.36		
TOTALS ...	46.01	37.06	32.29	53.59	41.22	39.91	43.77	52.70	33.61	42.72		

Inst. 1954-56, site over-landed main drain. Turf-walk rec. No. 2 take.

000748

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 13 343775

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets:

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1929	✓	✓	✓
		✓	✓	✓ but d 41	