

RAINFALL AT BelfastOld Park

Antonine

Whitewood

Rain { By .....  
 Gauge { Diameter... 6 in. 67

Height above Ground, 4. ft. .... in.

Above Mean Sea Level, 224. ft.

Belfast Rough - 1.

YEAR.....	1866	1867	1868	1869	MEANS.
January .....	4.88	5.22	3.60	4.18	
February .....	3.04	4.42	3.76	6.02	
March .....	3.67	2.56	6.01	2.40	
April .....	1.59	4.95	3.69	2.92	
May .....	1.90	4.43	2.78	2.36	
June.....	3.07	1.35	61	1.46	
July .....	3.17	5.85	70	2.41	
August.....	5.01	3.20	5.05	2.37	
September ...	6.27	2.55	1.58	6.41	
October.....	2.33	5.59	3.40	2.59	
November.....	4.85	1.54	3.09	5.81	
December.....	5.06	3.37	5.43	3.86	
TOTALS .....	44.84	45.03	39.90	42.79	

C C C C

## RAINFALL AT Belfast Old Park

Lat.....

Lon.....

County of... Ann Arbor

Rain Gauge, by.....

Observer W. Greenwood Esq.

Belfast Lough - 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	4.08	2.42	5.54	1.96	7.69	4.86		
February.....	2.89	4.15	4.45	7.8	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	1.67	1.81	1.37	2.55	4.24	.93		
May.....	3.30	1.77	2.91	2.62	1.07	2.43	.51	2.60	4.00		
June.....	51.11	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	5.97	6.11	2.38		
December.....	2.38	2.72	5.89	8.54	6.02	4.57	7.97	5.26	2.38	#	
TOTALS.....	36.99	40.89	53.33	33.95	36.65	35.84	47.36	52.12	35.80		

C C C

77 tree 15 ft high 20 yds distant.

1879 observer dead

## RAINFALL AT Belfast, Oldpark Filters.

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

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

County of Antrim

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

Observer F.W. McCullough Esq. C.B.

Belfast Lough - 1.

Diameter ...										5	
Height .....										3 6	
Altitude ...										203 ft	
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.RL.)

1  $\frac{1}{2}$  "

SE.

0 0 0 2 6 2

## RAINFALL at Belfast Oldpark Filters

County of Antrim

Observer F.W. McCullough Esq

River Basin Belfast Lough 1

Rain Gauge, by

Diameter ...	5											
Height .....	3.6											
Altitude ...	203 M											
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	1.65	33.30	
March .....	1.60	1.35	3.99	3.10	4.66	1.07	1.77	2.96	1.21	3.70	25.47	
April .....	2.19	2.93	1.32	4.14	1.57	2.11	4.24	1.71	1.83	1.07	30.11	
May .....	2.45	2.42	1.29	4.58	1.68	.99	4.71	5.46	3.30	1.84	28.10	
June .....	3.71	1.75	6.69	2.77	1.32	1.72	1.98	2.22	1.56	2.04	25.76	
July .....	4.68	2.11	4.34	1.74	2.05	4.10	2.30	2.33	3.58	.19	27.43	
August .....	5.87	2.21	5.83	1.06	3.20	3.59	1.60	5.81	3.29	3.29	35.75	
September ..	1.16	1.32	1.51	3.94	1.66	1.28	1.74	2.07	5.89	3.86	23.83	
October ...	2.18	3.57	3.87	4.36	1.71	3.06	9.11	6.26	5.04	1.70	40.86	
November ...	3.48	4.42	3.03	4.24	5.94	2.60	3.89	4.84	5.04	3.07	40.55	
December ...	4.27	5.33	4.58	3.60	8.19	6.29	2.33	2.67	5.41	7.41	50.08	
TOTALS ...	39.48	32.14	42.86	39.51	39.46	36.56	39.20	40.97	44.07	33.14	387.39	

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

## RAINFALL at Belfast. Old park filter.

County of Antrim

Observer G. W. McCullagh Esq. C.B.

River Basin Belfast Lough - 1

(or Water) C. B. Wheeler (Belfast WW 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	4.78	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	8.57	4.15	4.80	1.75	4.61	4.23	.90
March	2.72	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	2.26	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	3.20	4.97	1.39	4.20	4.17	1.86	4.18	4.84	5.61	5.10	5.39
December	5.67	3.73	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 q. to be check, N.E., in 1931.

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

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1925	54° 38'	5° 57'	Belfast.				0 0 0 4 1 4

## RAINFALL at Belfast, Oldpark, (New Gauge)

County of Antrim Observer Dr. F. Wheeler, Esq. &amp; C.

River Basin Belfast Lough - 1.

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

Diameter ...										5
Height .....	6216	6217		6217						10
Altitude ...	1916	C.P.V.	6216	7	C.P.V.					203
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.
January ...	1239	(1310)	3654	3860					2.31	4.77
February ...	1283	1850	2418	2550					3.83	.95
March .....	970	1030	1554	1640					.63	2.04
April.....	885	940	2032	2170					1.48	2.23
May .....	1471	1550	2310	2440					2.85	2.13
June .....	780	820	1645	1750					3.26	2.33
July .....	838	890	2576	2730					3.68	3.78
August .....	1399	1470	3056	3220					5.83	6.86
September...	1196	1260	2893	3050					1.09	4.67
October.....	2211	2330	3226	3420					4.93	6.29
November...	1694	1770	2887	3040					5.58	5.32
December ...	1782	1880	3151	3330					8.29	3.98
TOTALS...	15738	16600	31434	33200					43.76	45.35
									D.	D.

Totals.  
20-30  
45.6530-28  
30.28  
19.07  
26.41  
29.33  
23.09  
34.76  
44.89  
36.26  
45.42  
41.30  
45.57  
421.11  
2261929. This <sup>↑</sup> new eq. is set up about 300 yards N.N.W. of the old Oldpark gauge.

$$6216 \text{ 1929-31} = 16026 \quad 100$$

$$6217 \quad v \quad = 16897 \quad 105.4$$

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	Parish Church.	Distance from gauge	Direction

000413

## RAINFALL at Belfast (Oldpark Street), old gauge.

County of Antrim

Observer 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.

F. 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	0.07									
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. & S. Interpolated.  
Total not required in future incl. 61A in 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 Filters) new gauge.

County of Antrim

Observer C.J. Walker, B.E.

River Basin 1-Belfast Lough

S.H.W. Middleton Esq. CE.

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		Totals 33.91
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	6.63	6.06	3.77	4.31	5.94	4.92		39.95
August	3.58	2.84	2.67	5.02	2.48	3.23	3.26	2.37	1.94	1.12		28.91
September	1.80	3.50	0.88	4.11	4.49	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	1.46	.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		42.33
TOTALS	42.80	37.06	29.90	37.90	36.19	39.57	36.91	38.39	43.17	49.32		391.21

Inches per 27/4/34 O.K.

\* Used in general tables in italics. Oregon unknown.

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	Parish Church.	Distance from gauge

Station No. T.F. 6217

RAINFALL at Belfast (Oldpark Fields) -

41

County of Antrim

Observer S. H. W. Middleton Esq. C.E.

River Basin Belfast Lough

R. H. McCullagh Esq. B.Sc.

Type of Gauge

Annual Average 39.2 in. based on years obs. un-weighted. Period of average

Ref.

File No. 664.992/26

Diameter	5"			970	250						
Height	1' 0"				1						
Altitude	203'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	315	8.01	6.56	5.00	4.57	4.77	4.20	3.58	3.72	2.27	Total 50.66
February	377	2.58	2.38	2.03	4.92	3.52	1.69	2.97	2.13	4.27	30.26
March	458	3.59	1.13	.97	1.88	2.46	5.84	2.67	3.16	1.83	28.13
April	245	2.27	3.41	2.82	2.41	1.08	4.60	2.27	2.46	5.35	29.12
May	247	3.50	5.03	1.78	4.49	1.12	4.11	2.90	2.22	1.76	29.38
June	0.32	.57	3.74	3.12	5.32	3.68	4.02	4.77	.62	2.52	28.68
July	400	3.93	2.48	4.72	3.28	4.67	3.06	3.20	6.08		39.84
August	480	5.67	6.14	3.60	1.38	5.89	.35	5.62	4.34	6.07	43.86
September	221	5.73	3.19	6.08	3.48	6.98	3.32	4.74	3.87	7.97	47.07
October	718	4.56	3.76	5.20	4.69	1.40	1.99	3.95	5.63	3.24	41.60
November	441	.89	3.81	6.08	1.50	5.67	6.03	3.31	3.77	3.11	38.58
December	2.02	5.68	3.05	5.18	4.64	4.56	3.00	5.42	3.50	3.53	42.58
TOTALS	41.39	46.98	44.68	46.28	44.00	44.41	43.82	50.08	40.12	48.00	449.76

\* Used in general tables in italics. Oregon surface. P.W.

1948 January. 91 was big follow up wet August. 1949 still big but acceptable. 449.76.

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	Parish Church.	Distance from gauge

Station No. T.F. 6217

## RAINFALL at Belfast (Oldpark Filter)

51

County of Antrim

Observer R. H. McCallum Esq., B.Sc.

River Basin 1 - Belfast - Lough

R.E.D. Barr, Esq., B.A. (1952)

Type of Gauge M.O.

Dipped 1955

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

1916-1950

Ref.

" " 46.81 " " 16 " " 1942-57 " " 1916-50 File No. 1332042/26

Diameter	5"										
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	2.83	
March	3.16	1.61	.41	4.96	1.27	1.77	3.78	2.19	2.89	2.55	
April	2.08	1.77	2.09	.75	3.03	1.50	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	4.55	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	

Just 1958-59, site over exposed moorland. Turf-wall rev. Notable.

000748

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 13 323775

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