

RAINFALL AT Belfast, Outfall Works

Lat.	Lon.	County of	Antrim								
{ Wilson Electrical Recording Rain Gauge, by		Observer	Belfast Corp.								
{ amounts measured, by glass from Jan 1906 previously from dial			H. A. Butler Esq								
Diameter ...	Belfast Lough + 1.	8									
Height .....		2 11									
Altitude ...		19									
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...						1.84	4.25	1.88	2.84	1.88	
February ...						2.44	2.32	1.68	2.29	2.56	
March .....						3.82	2.78	4.51	3.76	3.46	
April .....						2.15	3.25	2.00	2.28	3.76	3.40
May .....						1.75	2.35	5.10	3.97	1.81	1.31
June .....						1.60	3.48	1.50	4.90	3.20	1.95
July .....						2.71	1.53	1.75	1.75	2.68	3.26
August.....						4.02	7.33	3.96	3.50	2.67	1.98
September ..						2.73	1.76	1.09	1.07	4.38	1.79
October ...						.85	1.58	4.59	4.18	2.16	5.07
November ..						4.52	2.92	3.08	2.62	.65	
December ...						3.13	2.41	3.49	3.34	3.29	3.52
TOTALS ...						36.81	35.75	36.14	35.46	30.83	

1904 (imp) - 1909 read. 28. ~~VII~~ - 11; 1908 - 9 read. 13 ~~VI~~ - 11;

entd. 27. ~~VII~~ - 12

1904 Nov. 9. under repair

## RAINFALL at Belfast Outfall Works

County of Antrim

Observer Belfast Corporation  
H. A. Butler

River Basin Belfast Lough

Wilson Electrical Rain Gauge, by  
(see note below)

Diameter ...	8						[8]				
Height .....	2.11										
Altitude ...	19						26				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.92	1.74	4.06	5.22	2.14	3.66	2.93	2.06	2.77	3.77	31.27
February ...	4.70	2.63	2.59	1.23	3.43	3.85	3.88	2.01	4.30	1.30	2.7918
March .....	1.44	1.26	4.01	2.66	3.44	1.15	2.16	3.38	.91	3.45	2.3386
April .....	1.97	2.90	1.35	3.26	1.37	1.70	3.89	1.83	1.40	1.29	2.092
May .....	2.21	2.18	1.18	2.91	1.41	1.34	4.98	4.60	2.86	1.05	2.472
June.....	3.35	2.09	6.71	2.06	1.06	1.71	1.74	2.00	1.22	1.98	2.3.75
July .....	4.12	1.91	4.09	1.50	1.92	4.10	2.32	2.26	3.10	2.42	2.574
August .....	5.46	2.17	6.10	.92	2.84	4.19	1.91	3.76	2.97	3.09	3.321
September ..	1.10	1.21	1.44	4.10	1.50	1.22	.86	1.92	4.84	3.43	2.162
October ...	1.82	3.72	3.30	3.74	1.46	2.88	6.91	5.98	3.43	1.54	3.478
November ..	3.30	4.27	3.19	3.70	4.84	2.44	3.55	4.39	4.25	3.06	3.679
December ...	4.40	5.65	3.99	3.25	6.95	6.09	2.57	2.83	4.72	7.59	4.804
TOTALS ...	36.79	31.73	42.01	34.55	32.36	34.33	37.51	37.02	36.77	32.01	35.508

Total  
16.79  
11.53

11.55

9.90

13.49

13.49

6.97

8.10

11.53

11.05

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## RAINFALL at Belfast, Sewage Outfall Works.

County of Antrim

Observer

T. S. Lupton, Esq.  
R.B. Donald Esq.

River Basin Belfastough - 1.

City Surveyor Belfast

H.O. pattern Rain Gauge, by \_\_\_\_\_

Diameter ...										8		
Height .....										1 0		
Altitude ...										26		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920 MEANS.	
January ...								(3.80)	6.09	1.82	3.80	
February ...								(1.82)	4.54	3.22	.92	
March .....								(2.25)	3.70	.62	1.30	
April .....								(1.23)	1.43	1.17	1.50	
May .....								(1.67)	1.30	2.36	1.47	
June .....								3.35	3.80	2.55	1.84	
July .....								2.79	2.18	2.61	2.85	
August .....								2.97	3.26	4.36	5.80	
September...								5.00	2.17	.73	4.43	
October.....								2.83	5.58	4.02	5.54	
November...								4.58	5.30	4.66	4.94	
December...								2.98	3.67	7.36	3.04	
TOTALS...								(35.27)	43.02	35.48	37.43	

1927. N.P. see file 764157/27.  
map. low np.

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	Direction

0 0 0 4 1 7



## RAINFALL at Belfast (Seawage Works)

County of Antrim

Observer R.B. Donald, G.G.

River Basin 1-Belfast Lough

Type of Gauge M.D.

Annual Average 35.8<sup>+</sup> in. based on years obs. un-weighted. Period of average.

Ref.

764157/27

Diameter	8"											
Height	1' 0"											
Altitude	26'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.17	2.70	1.84	3.00	1.50	6.21	5.71	4.62	4.99	5.47		Totals 37.21
February	2.82	1.11	3.42	2.20	1.09	2.32	6.57	1.63	2.95	3.18		27.29
March	1.24	1.74	2.91	2.28	1.41	2.85	4.57	1.23	3.75	4.45		26.43
April	2.93	3.20	1.10	3.22	2.63	1.16	2.34	2.26	2.45	4.14		23.43
May	3.82	2.47	2.31	3.06	1.01	1.70	.99	2.40	.72	1.40		14.88
June	4.85	1.07	2.71	2.21	4.23	4.44	2.93	4.43	1.82	1.12		29.81
July	3.04	4.36	2.64	3.53	.71	5.98	3.12	4.18	5.32	4.58		37.46
August	2.89	1.94	2.19	2.91	2.38	2.73	2.80	2.45	1.59	.72		24.60
September	1.54	3.32	.66	4.52	3.91	4.17	2.56	2.73	2.67	2.17		28.25
October	2.06	3.34	2.59	4.10	5.27	2.92	3.04	7.32	2.34	5.28		37.26
November	5.82	1.97	1.39	.89	4.76	4.43	1.82	3.80	5.79	5.89		36.56
December	2.55	5.44	1.72	6.93	4.19	3.21	4.93	4.39	2.80	4.69		40.85
TOTALS	36.73	31.66	25.48	38.85	36.09	42.12	41.38	39.44	37.19	43.09		376.63

Inspected 27/1/34. 0.K. Equisetum bottle should be used. Bottles retained 27/1/34.

1933 Wilson gauge 2' 10 1/2" high 9' 6" w.

Hedge 4' 6" .. 30° S.E.

4' 6" .. 18° N.E.

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

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

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No.

6214

## RAINFALL at Belfast (Seaside Works)

41

County of Antrim

Observer

R. B. Donaldson Esq.

26/6/1945

River Basin Belfast Lough

City Surveyed

Type of Gauge M.R.O.

Annual Average 25.8<sup>4</sup> in. based on years obs. un-weighted. Period of average.

Ref.

File No. 704157/21

Diameter	8"		968	133							
Height	1' 0"			1							
Altitude	26'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.85	6.46	5.84	3.60	3.87	4.39	4.55	7.42	2.93	1.75	Totals 34.65
February	3.78	2.79	1.77	1.57	3.80	2.85	1.44	2.00	1.62	3.53	25.15
March	4.40	2.70	0.93	.56	1.50	2.13	5.63	2.50	2.15	1.45	23.80
April	2.93	2.41	3.07	2.46	1.87	.72	4.07	1.67	2.04	4.01	25.25
May	2.26	3.21	4.34	1.44	4.02	1.19	4.21	2.04	1.70	1.43	25.84
June	0.28	.41	3.18	2.27	3.82	3.00	3.58	3.89	.62	2.30	23.35
July	3.51	3.23	1.79	4.37	4.06	3.10	3.94	2.38	2.61	5.37	34.36
August	3.43	4.30	5.31	2.91	1.42	5.02	.32	4.39	3.60	5.23	35.93
September	2.04	4.40	2.52	5.52	3.18	6.19	2.54	4.24	2.59	6.95	40.17
October	6.10	3.53	3.30	4.71	4.17	1.43	1.48	2.96	5.08	2.74	35.50
November	4.70	.59	2.65	5.27	1.55	4.57	5.22	2.93	3.01	2.78	33.47
December	1.66	5.29	2.78	4.40	3.93	4.14	2.76	5.24	4.53	2.68	37.40
TOTALS	38.94	39.31	37.48	39.08	37.18	38.73	39.74	41.51	39.48	40.42	384.87
	D	D	D	D	D	D	D	D	D	D	9/63

1942 Wilson gauge 2' 10 1/2" high 9' 6" W.W. Hedge 1' 6" high 30° S.E. Hedge 4' 6" high 18° N.E.

\* Used in general tables in italics. Origin unknown. F.G.

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. 6214

51

## RAINFALL at Belfast (Sewage Works)

County of Antrim Observer City Surveyor

River Basin 1 - Belfast - Lough  
+ M.C.Type of Gauge The Standard + A  
1955 datum (TAOS)

Annual Average 35.8 in. based on years obs. un-weighted. Period of average 1916-1955 Ref.

" " 35.0 on 15 years Weighted 1927-57 File No. 764157/27  
" " 35.5 on 28 yrs within 1916-50 S

Diameter	8"			968	133				+ 5"		
Height	1'0"					1			10' 1'0"		
Altitude	26'					57					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.44	4.01	1.17	2.52	4.07	3.74	4.09	3.75	1.84	3.72	
February	2.93	0.84	.91	3.46	3.15	1.37	2.10	5.05	.91	3.12	
March	2.48	1.27	.37	3.53	1.74	1.75	2.54	1.85	2.34	2.92	
April	1.41	1.85	1.72	.57	2.11	1.15	1.62	1.56	2.19	3.47	
May	2.73	0.84	2.14	3.05	2.45	1.16	2.48	2.96	1.87	1.78	
June	1.60	2.78	1.28	2.98	4.66	1.78	1.07	6.16	2.24	1.98	
July	2.95	1.35	5.19	4.00	1.78	3.30	3.45	3.66	3.06	4.22	
August	3.88	5.31	3.24	2.41	1.35	5.60	3.50	3.44	.98	5.24	
September	2.83	1.79	2.59	3.85	4.33	3.95	4.83	4.90	1.24	2.78	
October	0.59	3.72	2.13	6.10	2.50	2.34	3.80	2.15	3.66	5.41	
November	6.68	2.86	4.30	6.81	2.60	1.71	1.74	1.81	3.57	4.31	
December	5.20	4.06	2.93	5.16	6.38	4.91	5.17	5.02	6.18	2.46	
TOTALS	37.72	30.68	27.97	44.44	37.07	32.76	36.39	42.31	30.08	41.41	
	D	D	D	D	d	D	D	D	D	D	

1951 Wilson Gauge 2'10", 9'6" W, Hedge 4'6", 30' SE, Hedge 4'6", 18' NE.

1955 Observations at midnight.

1956 Gauge to be read at 0900 hrs w.e.f. 13.5.56 excl. 729 on file.

Aug. II 1958 J.B.D.K. Very poor gauge. Has one rec. Peak in collecting gauge over 20 minutes of a tide was found. Reasonable rate but 20th hour - outfall. Small shall give some wind-break. G.L. to be moved out to gauge.

Std H.O. Gauge supplied July 1958

\* Tipping-bucket D.R. to be replaced by q.s. Also daily records at Distillery

1954 readings ready 28.10.58 327734 &amp; Weekly records at Whiteinch M.R. 32930 294780 No. 24

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 1J 352770

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
						0 0 0 7 4 9

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 1927	-	✓	✓	✓