

Belfast
Queens College

Ty 50
Antoin
Mrs return

Obj. 12.

Belfast Rough - 1.

YEAR - -	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -		4.74	5.10	3.52	.50	2.84	4.21	1.99	3.00	
February - -		4.39	1.76	1.62	1.69	2.33	1.96	1.27	2.61	
March - - -		1.10	2.66	1.31	2.68	1.05	4.43	1.81	2.93	
April - - -		2.26	4.19	.42	1.75	2.20	3.99	6.34	3.07	
May - - - -	1.19	1.71	.59	1.93	2.63	3.01	1.37	4.52	.17	
June - - - -	3.92	4.85	1.83	3.23	1.77	2.30	2.16	1.55	1.83	
July - - - -	3.24	2.39	4.84	3.07	2.19	2.32	1.63	3.64	1.71	
August - - -	3.31	4.03	2.72	3.04	3.11	3.26	1.69	2.55	1.92	
September -	1.58	1.04	.39	1.60	1.72	3.73	2.29	2.95	3.51	
October - - -	3.99	1.51	5.53	2.62	3.99	1.72	1.63	2.59	2.35	
November - -	1.14	6.01	2.53	3.07	.95	2.15	2.91	1.16	3.99	
December - -	1.31	7.11	1.09	4.62	1.84	3.33	1.49	5.00	3.09	
TOTALS - - -		41.14	33.73	30.05	24.82	30.22	29.76	35.37	30.18	

c c c c c c c c c c

558056 Allmuth

25.527
32.

By means
31.91

Hydro No. 970129

Belfast
Queens College
Joseph Bell Esq^r 65

Antim

1846.8

60 65

7ft 4 6 3 66 48 55 8

11 1/2 + Ground 9 feet + Sea Level 58 feet
Belfast Lough - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.46	2.45	4.74	4.35	1.70	4.15	3.53	3.47	2.86	3.86	3.762 +
February - -	2.52	1.88	1.40	1.06	1.93	3.00	2.87	2.67	2.96	4.45	2.474
March - - -	3.14	4.26	3.06	2.29	4.12	2.88	3.43	2.15	3.85	2.08	3.126
April - - -	2.07	.82	3.63	2.34	2.11	.46	1.58	3.55	2.56	1.93	2.105 -
May - - - -	2.66	.28	3.70	2.72	1.87	3.91	1.67	4.15	2.13	1.85	2.494
June - - - -	5.79	1.74	2.78	3.27	2.63	.96	2.53	.97	.35	1.29	2.231
July - - - -	2.31	4.56	3.71	.50	1.65	1.55	1.87	4.34	.57	2.02	2.308
August - - -	4.61	5.19	2.47	3.95	2.39	3.32	3.24	2.23	4.58	1.81	3.379
September -	1.21	4.38	1.28	3.31	2.53	.38	4.97	1.72	1.86	4.96	2.660
October - -	2.78	2.71	4.42	6.68	3.37	4.91	1.90	4.57	2.31	1.35	3.500
November -	1.71	3.66	3.59	3.86	3.61	3.74	4.27	.76	2.69	4.30	3.219
December -	2.97	2.09	4.35	2.59	1.58	2.76	3.70	2.10	4.86	2.67	2.967
TOTALS -	38.23	34.02	39.18	36.92	29.49	32.02	35.56	32.60	31.58	32.57	34.225

Hydro No. 970129

RAINFALL AT *Belfast Queens College*

Lat.....

Lon.....

County of.....

Antrim

Rain Gauge, by.....

Observer

*Mr. W. Taylor**Belfast Rough - 1.*

Diameter	11											
Height	7 $\frac{4}{8}$											
Altitude	68											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.44	4.38	4.26	3.58	1.88	4.44	1.41	6.66	3.56	2.26	3.487	
February.....	2.65	3.24	3.55	7.6	2.50	1.06	4.16	2.66	2.21	1.65	2.444	
March.....	1.40	1.70	1.79	2.23	1.69	1.00	2.77	3.06	1.14	1.79	1.865	
April.....	1.35	3.22	2.59	.83	1.39	.29	1.34	4.25	1.08	1.66	1.750	
May.....	2.64	.58	2.60	2.12	1.02	1.57	1.08	2.92	4.24	3.31	2.202	
June.....	1.21	1.97	4.17	1.81	1.10	3.05	2.92	1.97	2.82	5.01	2.603	
July.....	1.61	3.06	3.05	5.10	2.93	3.13	1.38	3.09	1.48	5.52	3.115	
August.....	2.09	2.83	3.25	5.63	5.04	2.90	3.22	3.28	3.12	3.64	3.490	
September.....	1.43	3.39	4.28	2.44	3.90	3.77	3.59	1.99	3.03	4.64	3.246	
October.....	9.90	3.08	5.10	3.97	5.01	4.92	5.23	4.34	2.95	1.70	4.620	
November.....	1.03	1.74	4.53	2.55	4.92	3.77	4.00	4.81	1.72	1.00	3.007	
December.....	2.39	1.84	5.29	.61	3.40	2.14	8.79	3.25	1.79	1.44	3.094	
TOTALS	30.14	31.91	44.46	31.43	34.78	31.98	39.89	42.28	29.14	33.52	34.923	

Hydro No. 970129

RAINFALL AT

000201

Belfast Queen's College

Lat.

Lon.

County of Antrim

Rain Gauge, by

Observer W. H. Taylor

Belfast Lough - 1.

Diameter	11										
Height	7.4										
Altitude	68 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.12	1.58	1.51	3.83	5.55	2.63	4.10	2.47	1.79	2.58	2.616
February	2.60	3.99	2.25	4.02	3.06	3.78	2.18	.97	.27	2.77	2.589
March	1.71	4.07	2.36	.87	3.64	2.21	2.99	.94	3.27	2.64	2.470
April	3.43	1.77	4.13	1.34	1.37	2.27	1.26	1.85	1.28	2.65	2.135
May	1.31	3.33	2.34	2.02	2.67	1.84	4.23	1.31	2.85	1.67	2.357
June	1.56	3.38	3.56	1.31	.77	.86	1.25	.60	3.78	.31	1.738
July	5.62	3.01	4.40	1.79	3.21	2.01	3.18	2.87	4.33	2.55	3.297
August	2.41	4.08	2.88	4.22	2.42	1.87	2.20	2.28	3.83	6.40	3.061
September	3.71	2.62	3.08	4.87	2.48	4.96	2.70	3.90	1.43	2.35	3.270
October	1.24	5.29	3.02	3.47	2.14	3.77	4.89	1.66	1.12	3.85	3.045
November	3.11	3.11	5.42	3.80	2.52	1.93	2.93	2.65	6.33	1.21	3.301
December	2.94	3.24	3.77	2.42	3.45	1.42	4.97	1.95	2.52	2.22	2.890
TOTALS	28.76	38.47	39.32	33.96	33.28	29.57	36.88	23.45	32.80	31.20	32.769

Hydro No. 470129

RAINFALL AT *Belfast Queens College*

Lat. _____

Lon. _____

County of *Antrim*

Rain Gauge, by _____

Observer _____

Mr W. Taylor

Mr G. A. Robinson

Belfast Lough - 1.

Diameter	11											
Height	7 4											
Altitude	68 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.15	1.19	3.10	2.22	3.67	2.20	1.73	1.76	1.63	3.83	2.448'	
February	1.36	.12	1.14	3.21	3.37	1.02	1.41	2.13	2.28	3.08	1.912	
March	2.52	1.49	.73	.92	2.04	3.39	3.40	4.62	1.24	1.69	2.204	
April	1.23	2.51	1.11	1.65	1.77	1.81	1.37	2.63	2.69	4.26	2.103	
May	1.62	3.27	3.73	1.19	2.30	.24	.63	1.41	2.97	3.09	2.045'	
June	2.78	2.48	3.62	1.16	3.03	1.54	3.09	5.20	1.84	2.26	2.700	
July	1.97	1.79	2.55	2.58	3.66	5.97	6.95	1.29	.34	2.41	2.951	
August	2.59	4.64	5.01	4.13	1.74	4.92	1.83	4.83	4.89	1.56	3.614'	
September....	3.31	2.52	2.06	1.86	.06	.32	3.60	2.51	3.67	3.01	2.292	
October	2.24	4.32	2.96	2.18	6.19	4.07	2.22	1.75	3.87	2.24	3.204	
November....	7.76	3.10	3.06	1.60	1.74	3.24	1.73	2.77	2.77	2.72	3.044'	
December	2.05	4.45	2.14	3.22	2.06	4.29	4.87	4.83	2.07	4.76	3.471'	
TOTALS	32.58	31.88	31.21	25.92	31.63	33.01	32.83	35.73	30.26	34.91	31.996	

Hydro No. 970 129

1860 -

RAINFALL AT Belfast Queen's College ^{University (08)}
 Lat. _____ Lon. _____ County of Antares
Snowdon Rain Gauge, by _____ Observer Mr G. A. Robinson
Belfast Lough - 1.

	Diameter ..	11				5						
	Height	7.4				1.0						
	Altitude ..	68 ft				62						
	Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
1.70	January ..	3.34	2.77	1.85 (2.25)	4.95	3.33	1.70	3.87	2.11	2.88	2.15	2.895 2.529
1.30	February ..	3.25	1.30	.75 (2.00)	2.82	3.93	1.90	2.15	2.08	2.84	2.77	2.570 3.034
1.64	March64	2.48	1.97 (2.25)	4.36	1.85	3.12	2.28	4.68	4.27	4.66	3.051 2.650
1.49	April	2.65	2.16	.92	1.49	2.62	2.72	1.91	2.43	4.13	4.14	2.577
1.50	May	2.73	1.26	2.51	2.58	2.33	1.61	4.35	4.12	2.10	1.50	2.509
1.75	June	3.81	3.03	2.66	1.53	1.25	2.90	1.48	4.69	3.06	2.42	2.683
1.06	July	4.19	1.06	3.84	4.07	3.45	2.00	2.35	2.24	2.87	3.77	2.984
2.13	August	5.24	3.52	2.54	5.09	4.08	6.41	4.26	3.30	2.13	2.94	3.951
1.10	September..	2.09	3.23	4.77	3.33	3.17	1.73	1.24	1.10	4.55	2.08	2.729
.70	October....	4.01	3.84	1.89	6.83	.70	1.59	4.93	4.03	2.43	5.38	3.563
1.15	November..	5.14	4.17	4.48	2.40	2.17	3.74	3.15	3.23	3.25	1.15	3.288
2.38	December..	3.47	3.28	3.23	2.89	2.96	2.38	4.18	4.03	4.24	3.92	3.458
	TOTALS ..	40.56	32.10	30.44 (34.27)	42.34	31.84	31.80	36.15	38.04	38.75	36.88	35.887 (36.273)

*
 1902 March + April too little (est^d average x .11)
 1909 St. Northern Station $\frac{1}{2}$ mile N.

Hydro No. 970129

+ Inspected

RAINFALL at Belfast, Queen's UniversityCounty of AntrimObserver Mr G. RobinsonRiver Basin Belfast Lough 1Snowdon Rain Gauge, by

	Diameter ...	5											
	Height	10											
	Altitude ...	62 K											
	Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
1.90	January ...	3.22	1.90	4.16	6.28	2.73	3.66	2.64	2.01	2.71	4.80	34.11	12.6
1.38	February ...	5.48	3.08	2.90	1.38	2.84	4.77	4.28	2.16	4.27	1.44	32.60	12.15
.88	March	1.68	1.58	4.28	1.92	3.65	.91	2.03	3.23	.88	3.53	22.69	9.67
1.33	April	2.00	2.93	1.53	3.41	1.61	2.10	3.89	2.35	1.38	1.33	22.53	8.95
1.22	May	2.24	2.72	1.38	3.71	1.72	1.23	5.84	4.38	2.75	1.22	27.19	14.19
1.22	June	3.40	2.08	7.53	2.02	1.22	1.69	1.66	1.88	1.33	2.69	25.50	7.56
1.34	July	4.26	1.95	3.83	1.48	1.90	4.71	3.11	2.08	3.52	.34	27.18	9.05
.88	August	6.45	2.80	6.48	.88	3.34	3.79	1.50	3.82	3.45	3.28	35.79	12.05
.69	September ..	1.21	1.53	1.28	4.15	1.48	.97	.69	1.74	5.74	3.11	21.90	12.28
1.56	October ...	1.72	3.74	3.94	3.84	4.56	3.31	6.51	5.29	2.96	2.02	34.90	16.78
2.56	November ...	3.41	5.04	3.24	4.10	5.21	2.96	3.05	4.66	4.28	3.12	39.07	15.11
2.40	December ...	5.49	6.35	3.88	3.51	7.72	6.53	2.40	2.40	4.72	7.76	50.76	17.28
	TOTALS ...	40.57	35.70	44.43	37.68	34.98	36.63	37.60	36.00	37.99	34.64	37.622	14.23

Hydro No. 970129

+ Inspected by J. H. B. VIII. 1912.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1914.	54° 35'	5° 58' W	Corrourie			Chmwood		

RAINFALL at Belfast Queen's UniversityCounty of AntrimObserver Mr. J. RobinsonRiver Basin Belfast Lough - 1J. A. Badger (1925)
(for Murphy, 1922)Knocknaree Rain Gauge, by

345

Diameter ...	5			5		5"							
Height	1 0			1 0		1' 0"		1 2					
Altitude ...	62			62		68'							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Totals.	
January ...	5.53	5.88	4.55	4.13	5.27	2.81	5.35	4.08	6.25	2.23	4.28	50.36	
February ...	2.19	6.7	3.52	6.88	1.15	4.14	3.71	1.92	4.79	3.74	.87	33.58	
March	3.19	2.55	1.39	2.28	1.68	1.01	1.40	2.59	3.88	.62	1.97	22.56	
April	3.00	1.03	4.05	3.68	2.74	4.99	2.31	1.37	1.64	.79	1.32	26.92	
May	3.94	1.77	2.06	1.35	5.23	5.70	2.45	1.64	1.36	2.49	1.45	29.44	
June	2.54	1.6	2.10	.72	3.70	.60	2.57	3.66	4.01	2.29	2.23	24.58	
July	3.02	3.75	3.51	2.89	3.30	3.94	3.51	3.11	2.71	2.90	3.23	36.37	
August	1.96	4.29	3.62	6.60	4.25	1.68	3.41	3.83	3.02	4.46	6.03	43.15	
September...	2.88	1.81	2.62	3.78	5.22	3.61	2.64	5.63	2.42	.73	4.55	36.19	
October	7.08	4.63	1.45	4.27	2.26	3.44	4.31	3.23	5.69	4.23	5.62	46.21	
November...	2.13	3.87	1.23	4.29	3.09	2.42	4.31	4.88	5.47	4.69	4.27	40.65	
December...	5.43	5.03	2.49	4.55	5.27	4.20	1.44	3.26	3.95	7.58	3.25	44.45	
TOTALS...	42.89	33.44	32.59	45.42	43.96	38.54	37.41	39.20	45.19	36.75	39.07	434.46	

1925. Huts 8' high, 15' East.

Inspected by W. Bacon 11/4/27 see green file.

1927. Tree 45 ft. high 20' E. Hut 10 ft. high 15 ft. W.

11/4/27
seen
39.44

Hydro No. 970129

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
1929	56° 35'	5° 56'	Knocknaree	1500*	NNW.	Charnock	300 yds	N.N.W.
			"	1 m.	N by W.	"	50*	W.
						000420		

RAINFALL at Belfast (Queen's University)County of AntrimObserver J.A. BadgerRiver Basin 1- Belfast LoughType of Gauge SnowdonAnnual Average 34.5 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. A.I.S.

764330/27

Diameter	5"											
Height	1' 0"		1' 2"					1' 0"				
Altitude	62'		68'					62'				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	3.18	2.43	2.28	2.74	1.71	5.66	5.99	4.73	4.40	5.25		38.40
February	2.73	2.0	3.79	3.0	4.38	2.68	6.37	1.21	2.76	2.05		27.47
March	1.30	1.90	2.46	2.42	1.75	2.88	3.43	1.17	3.96	4.31		25.57
April	2.91	3.69	1.16	3.07	2.40	1.61	2.49	3.0	2.46	4.64		24.73
May	4.22	2.26	2.38	2.89	1.49	1.55	1.23	2.04	82	1.12		20.00
June	4.94	1.11	3.91	1.96	4.51	3.34	3.20	4.25	1.86	1.59		29.77
July	2.90	5.02	2.77	2.63	86	6.58	3.31	4.38	5.62	5.70		37.77
August	3.55	2.22	2.33	5.99	3.16	2.73	3.26	2.77	1.56	.86		28.42
September	1.81	3.13	0.73	4.62	4.97	4.59	1.92	2.59	2.46	2.07		23.87
October	2.07	3.45	2.08	4.32	4.99	3.43	3.14	7.75	2.38	5.00		39.01
November	5.74	1.96	1.40	1.10	4.92	4.45	1.69	4.55	(5.80)	6.12		37.73
December	3.00	4.68	1.96	7.43	3.82	3.43	4.20	4.45	2.60	4.49		40.06
TOTALS	38.35	32.05	26.64	39.47	38.96	43.03	40.28	40.19	(36.68)	44.22		377.82

1931. Hub 8' high, 15' 6"

Inspector H/S (34). Look in seam. Tree being cut down.

Lett. of 13.9.34 says tree in position has been felled. flt. stand removed & panel of G. repaired

Gauge moved 208 yds. W. 1st December 1938.

Trough 15' high, 73' W.

Outlet 40' high, 122' E.

Tree 15' high, 79' W.

Hydro No. 970129.

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
	52° 35'	5° 56' W	Gt. Northern	1 m.	N.W.	Blmwood.	50 yds	W

Station No. M. 6213 M.W.R.RAINFALL at Belfast (Queen's University)

41

County of County Observer J. G. Badger Esq.River Basin Belfast LoughType of Gauge Snowdon Secretary (1950)Annual Average 34.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref A.W.S.File No. 764330.22

Diameter	5			970	129					5	
Height	1° 0'				1					1° 0'	
Altitude	62'				41					57'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.85	6.99	5.68	3.95	3.86	3.94	4.28	7.11	2.56	1.55	
February	3.98	2.42	1.72	1.38	3.83	2.98	2.36	2.02	1.50	3.76	
March	4.99	3.41	1.13	.65	1.54	2.49	5.69	1.74	2.17	1.49	
April	2.29	2.04	2.87	(2.00)	2.06	.62	3.41	1.67	2.06	3.76	
May	2.45	2.91	4.35	1.34	3.95	1.36	3.79	1.57	1.73	1.37	
June	0.31	.38	3.24	2.42	4.22	2.16	3.05	3.70	.50	2.34	
July	4.08	3.21	1.63	3.88	3.60	2.73	3.67	2.11	2.43	5.35	
August	4.03	4.20	5.73	3.36	1.03	5.24	.30	3.66	4.45	5.05	
September	1.81	4.26	2.30	5.83	3.29	6.30	2.52	3.95	2.27	6.21	
October	5.45	3.57	3.64	4.17	4.65	1.50	2.72	2.42	5.11	2.58	
November	4.83	.67	2.35	5.33	1.53	4.60	4.56	3.17	2.84	2.84	
December	1.66	4.88	2.72	4.30	4.17	4.16	2.74	4.97	4.23	2.45	
TOTALS	39.73	38.94	37.36	38.61	37.73	38.08	39.09	38.11	36.87	38.95	

1944 April estd.

1950 moved into a temp. clim. stn.

See notes over 5/50

5/5/51. Section of gauge verified to be 57'

2/2/51. Tower 84' 2" high 135' S'E Tower 101' high 165' N. 82' 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. M. 6213RAINFALL at Belfast (Queen's University) M.W.R. 51County of Antum Observer SecretaryRiver Basin 1 - Belfast - LoughType of Gauge SnowdonAnnual Average 34.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.38.26 - - - - - 1916-19501916-1950 6783.09
File No. E 42415

Diameter ...	5"			970	129							
Height ...	1' 0"				1							
Altitude ...	57'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.07	3.86	1.32	2.52	4.42	3.54					1519	
February ...	3.27	.75	1.02	3.63	3.25	1.17					1192	
March ...	2.47	1.08	.36	2.99	1.48	1.78					838	
April ...	1.44	1.85	1.55	.50	2.57	1.42					791	
May ...	2.91	1.37	1.96	3.15	2.22	1.15					1161	
June ...	1.56	2.80	1.28	2.48	4.55	2.54					1267	
July ...	3.17	1.41	5.29	4.10	1.41	700 [#]					1538	
August ...	3.67	6.08	3.30	3.10	1.39						1754	
September ...	2.35	1.54	2.40	4.31	2.97						1357	
October ...	0.59	3.64	2.28	5.40	2.65						1456	
November ...	7.15	2.92	3.97	6.82	2.85						2371	
December ...	4.87	4.11	3.27	4.71	6.04	700					2300	
TOTALS ...	36.52	31.41	28.00	43.71	35.80	700					17554	
	D	D	D	D	D						6964	

1956: Station ceased functioning u.e.f. June: Another site being sought. Ten-Ten substitution.

17554

Square = 35.1 in 3

000750

18th of August 1961

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference 11(52) 335726

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- accepted

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