

RAINFALL AT *Stonyford, Belfast W. W/Co.*

Lat. ....

Lon. ....

County of *Antrim*

Rain Gauge, by .....

Observer *L. Macassey Esq. CE.**Barr, L. high E. 5.*

Diameter ....							5				
Height .....							1 1/4	- 7			
Altitude ....							460	470			
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....							4.20	2.66	1.84	2.10	
February ....							3.04	1.40	.67	2.35	
March .....							3.03	1.34	4.96	2.99	
April .....							1.42	1.97	1.88	4.11	
May .....							5.96	3.10	2.92	2.02	
June .....							1.69	.83	4.43	.46	
July .....							4.30	2.90	5.35	4.15	
August .....							3.35	3.40	3.71	8.49	
September....							3.28	3.70	1.66	2.76	
October .....							5.50	1.78	1.12	3.93	
November....							3.59	3.36	5.45	1.68	
December....							5.22	2.38	2.88	3.27	
TOTALS ....							44.38	28.82	36.87	38.31	

1886 Mean of two gauges.

1887 *Stonyford. Derryaghy Church 700 yds + 2 1/4 mile W + SE**House 20 ft high 210 ft N W**Tree 35 ft " 180 " N**Gauge moved 27<sup>th</sup> April 260 yds N*

RAINFALL AT Stonyford Belfast W.W.

Lat. ....

Long. ....

County of .....

Antrim

Rain Gauge, by .....

Observer .....

L. L. Macanay Esq. B.E.Barr, L. Kemp - 5.Monthly

Diameter ....								5			
Height .....								7			
Altitude ....								470			
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....								2.60	1.89	2.38	
February ....								1.36	.69	2.38	
March .....								1.36	4.90	2.99	
April .....								1.91	1.92	4.17	
May .....								3.13	2.90	2.15	
June .....								.86	4.37	.42	
July .. ...								2.95	5.30	4.13	
August .....								3.43	3.65	8.38	
September...								3.72	1.62	2.61	
October ....								1.74	1.05	3.92	
November...								3.33	5.53	1.73	
December ...								2.39	2.81	3.10	
TOTALS ....								28.78	36.63	38.36	

1887 Stonyford Church 700 yards W  
Derryagh " 2 1/4 miles E.S.E  
House 20 ft high 210 ft NW  
Trees 35 ft " 180 " N

# RAINFALL AT *Stonyford Belfast W.W.*

Lat. ....

Lon. ....

County of *Down*

Rain Gauge, by

Observer

*Barron, L. Magh. E - 5.*

*L. L. Macassey Esq. C.R.  
F. W. McCullough Esq. C.R.*

Diameter ....	5											
Height .....	0 7			1. 6								
Altitude ....	470 $\pi$			437 $\pi$								
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	3.69	1.07	2.29	2.86	2.77	2.13	3.17	1.87	1.73	3.55	2.513	
February ....	1.90	.20	1.02	3.14	2.85	.74	2.80	2.27	1.91	3.06	1.989	
March .....	2.31	1.39	.38	.89	1.73	5.65	5.14	4.09	.97	2.10	2.465	
April .....	1.74	2.98	.86	1.13	1.87	3.20	2.14	1.98	2.96	3.69	2.255	
May .....	1.65	4.60	3.65	.97	3.39	.30	.14	1.74	3.90	3.18	2.352	
June .....	3.84	3.29	3.96	1.03	3.75	3.24	3.50	4.74	3.28	2.57	3.320	
July .....	2.19	2.12	3.30	2.39	3.91	3.60	7.45	1.54	.68	4.87	3.206	
August .....	2.63	5.76	5.11	4.81	3.09	6.37	1.84	5.74	4.66	1.49	4.150	
September ....	3.97	2.51	2.90	2.21	.47	.36	4.23	2.16	4.60	3.55	2.696	
October .....	2.23	3.18	4.72	2.15	5.78	4.32	2.87	1.94	4.22	2.07	3.348	
November ....	7.00	2.68	3.31	1.50	2.00	2.54	1.14	2.87	3.14	2.78	2.896	
December ....	2.08	4.31	2.71	3.24	2.29	6.22	4.35	4.06	2.51	5.85	3.762	
TOTALS ....	35.23	34.10	34.21	26.32	33.90	38.67	38.77	35.00	34.56	38.76	34.952	

1893 *Stonyford Church 1/4 mile N*  
*Reservoir Bank 1776 ft 180 ft E*



# RAINFALL AT

*Stonyford Belfast W.W.*

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

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

County of \_\_\_\_\_

*Antrim*

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

Observer \_\_\_\_\_

*L.L. Macarney Esq. C.E.*

*Monthly* *Bann, L. leaf E-S.*

Diameter ....	<i>5</i>											
Height .....	<i>0 7</i>											
Altitude ....	<i>470 ft</i>											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....												
February ....												
March .....												
April .....												
May .....												
June .....												
July .....												
August .....												
September ....												
October .....												
November ....												
December ....												
TOTALS ....	<i>35.10</i>	<i>33.6</i>	<i>32.40</i>	<i>24.89</i>								

# RAINFALL AT *Stoneyford Belfast W.W.*

Lat. .... Lon. .... County of *Antim*

Rain Gauge, by ..... Observer *F. W. McCullough Esq. J.E.*  
*Rann. L. Knight E.S.*

Diameter ..	5										
Height ....	1 6										
Altitude ..	437 <i>ft</i>										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.12	3.06	1.72	5.00	2.43	1.67	3.14	1.30	2.40	1.71	2.555
February ..	3.54	1.63	1.62	1.87	3.63	1.43	2.14	1.67	2.22	2.77	2.252
March ....	.78	2.51	2.01	3.65	1.46	3.34	2.23	3.77	4.29	3.12	2.716
April .....	2.73	2.20	1.74	1.15	2.24	1.93	2.73	2.71	3.29	3.86	2.458
May .....	2.67	1.45	4.08	2.56	2.51	1.29	4.47	3.60	1.97	1.42	2.602
June .....	3.99	3.52	2.27	1.70	1.25	3.34	.98	5.41	3.17	2.03	2.766
July .....	3.27	1.62	5.21	5.08	3.60	2.04	2.46	2.79	3.74	4.42	3.423
August ....	6.13	3.96	2.96	4.34	5.64	6.06	4.91	3.85	2.73	2.50	4.308
September..	2.98	3.26	5.60	3.68	3.03	1.82	1.16	1.32	3.56	1.96	2.837
October....	4.36	3.85	1.45	5.49	.72	1.40	4.32	4.82	2.40	4.61	3.342
November..	5.77	5.76	3.74	2.52	2.29	2.88	2.52	3.46	3.13	1.19	3.326
December..	3.22	3.62	1.82	2.87	2.58	1.82	3.61	3.37	3.24	3.67	2.982
TOTALS ..	42.56	36.44	34.22	39.91	31.38	29.02	34.67	38.07	36.14	33.26	35.567

*H. 2*

RAINFALL at Stonyford Belfast W.W.County of AntrimObserver F.W. McCullough Esq. C.E.River Basin Bann Long Meagh, East 5

Rain Gauge, by

Diameter ...	5											
Height .....	1.6											
Altitude ...	487 <del>ft</del>											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.16	1.48	4.03	4.25	2.45	3.41	1.88	2.63	2.44	2.43	3015	
February ...	6.04	2.20	3.01	.96	3.42	3.63	3.82	2.09	3.99	1.06	3022	
March .....	1.77	1.37	3.67	2.34	3.25	1.04	1.49	3.36	1.39	4.00	2398	
April .....	2.49	2.90	1.53	2.76	1.34	2.03	3.91	2.23	1.61	1.73	2253	
May .....	2.33	1.77	.99	3.88	1.81	1.16	5.16	4.45	3.16	1.34	2605	
June .....	3.50	2.05	6.98	2.01	1.62	1.73	2.03	2.61	1.42	2.53	2718	
July .....	4.55	2.12	4.45	1.50	2.46	4.72	3.28	2.72	3.66	.58	2984	
August .....	5.18	2.51	6.38	.94	3.64	3.14	3.06	4.49	2.94	3.56	3584	
September ..	1.60	1.78	1.40	4.62	1.21	.76	1.31	2.35	4.92	2.74	2269	
October ...	1.94	3.34	2.97	3.64	1.65	3.00	7.37	6.24	3.38	2.45	3498	
November ..	2.75	3.76	2.80	3.25	4.01	2.83	3.83	3.94	4.26	2.53	3296	
December ...	4.15	4.60	3.63	3.02	5.94	5.96	2.59	2.42	3.78	6.75	4284	
TOTALS ...	39.46	29.88	41.84	34.17	32.80	33.41	40.03	38.53	36.95	33.19	36026	

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



RAINFALL at Stoneyford Belfast W.A.County of AntimObserver J. McCaffrey RRiver Basin L. Neagh F. — 5

(C. F. Wheeler)

Rain Gauge, by

Belfast W.A. Eng.

(Old Gauge)

Diameter ...	5			5							
Height .....	1 6			1 6							
Altitude ...	437			437					450		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean
January ...	4.31	5.45	3.81	3.17	3.38	2.55	4.48	2.69	5.93	1.79	3.76
February ...	2.06	.77	3.74	4.63	.29	3.86	3.08	1.65	3.62	2.78	1.06
March .....	5.33	2.24	1.47	2.02	1.12	1.43	1.04	2.22	2.97	.47	1.86
April .....	2.53	1.26	4.00	3.10	2.62	2.91	2.11	1.69	1.15	.80	1.67
May .....	3.57	1.98	2.06	1.59	4.26	4.29	2.16	1.87	1.47	2.38	1.66
June .....	2.62	.46	2.56	1.26	4.47	.64	1.96	3.42	3.81	2.87	2.40
July .....	2.72	3.54	2.88	2.33	4.29	5.97	5.39	3.40	2.20	2.89	3.48
August .....	2.70	3.64	4.52	6.37	5.93	1.93	3.87	4.92	4.31	5.57	6.76
September...	2.80	1.36	2.33	3.38	4.60	4.19	2.43	5.30	2.43	.99	4.19
October .....	6.89	3.24	1.63	3.74	2.37	2.93	3.54	3.27	4.24	4.60	4.61
November...	3.45	2.90	1.41	3.63	2.67	2.34	3.87	3.64	4.10	4.25	3.72
December...	4.52	2.96	2.87	4.11	3.22	4.40	1.23	2.43	3.02	5.77	3.56
TOTALS...	41.44	29.80	33.28	37.55	37.88	37.44	35.16	35.80	39.85	35.16	38.73

1930. Old g. to be checked, K. S. 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° 34'	6° 8' W	Rieburn					
						000395		

RAINFALL at Stoneyford, Belfast W.W.County of Antrim Observer L. F. Wheeler, Esq. L. E.River Basin Barr, L. Neagh E.-5

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

(New Gauge)

Diameter ...											5	
Height .....											1 0	
Altitude ...											453	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	
January ...										1.85	4.10	
February ...										2.85	1.23	
March .....										.55	2.06	
April .....										1.01	2.04	
May .....										2.59	1.96	
June .....										2.99	2.43	
July .....										3.26	3.75	
August .....										6.37	7.28	
September...										1.18	4.19	
October .....										5.01	4.80	
November...										4.65	4.00	
December...										6.27	3.79	
TOTALS...										38.58 D ✓	41.63 D ✓	

1929. This new g. is set up about 700 yds. to the N.E.  
of the old gauge.

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
						000394		



RAINFALL at Stoneyford (Belfast W.A.) old gauge.County of Antrim Observer G.H. Wheeler, G.E.River Basin 5-Bann - Lough Neagh, East.

Type of Gauge.....

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

7 664 992 / 26

Diameter	5"											
Height	1' 6"											
Altitude	450'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.48	2.34										
February	3.06	2.0										
March	1.19	1.88										
April	2.83	2.78										
May	4.04	2.48										
June	4.31	1.82										
July	2.86	5.57										
August	3.58	2.91										
September	1.60	3.77										
October	2.45	3.23										
November	5.05	1.34										
December	3.15	4.61										
TOTALS	37.60	32.43	#									

1931. N. P. Domestic.Told not req. in future incl. 61A on 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° 31'	6° 8' W	Lisburn.					

RAINFALL at Stoneyford (Belfast W.W.) new gaugeCounty of Antrim Observer G.H. Wheeler, G.E.River Basin S. Bann - Lough Lough. East. S.H.W. Middleton, G.E.

Type of Gauge.....

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

7. 664992/26

Diameter	5"											
Height	1' 0"											
Altitude	458'								450'			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.45	2.34	2.24	2.84	1.47	4.11	4.47	4.45	5.05	4.91		
February	3.08	2.0	3.44	3.6	4.00	2.48	5.03	.87	3.19	2.98		
March	1.24	1.88	2.03	2.91	1.56	2.41	3.01	1.16	4.37	5.40		
April	3.06	2.78	1.29	3.00	2.74	1.06	2.46	.21	3.81	5.32		
May	4.68	2.48	2.66	2.88	1.09	1.54	1.26	3.25	.76	1.40		
June	4.45	1.32	2.99	2.23	4.29	3.88	3.24	4.23	2.29	1.35		
July	3.16	5.57	2.50	2.99	1.21	7.56	3.97	4.48	6.60	6.25		
August	4.49	2.91	2.54	6.43	2.41	2.95	3.25	3.03	2.11	1.16		
September	1.85	3.77	1.17	4.56	3.47	4.19	2.29	3.97	3.53	3.18		
October	2.66	3.23	2.99	4.60	5.03	2.75	3.13	3.84	3.93	6.02		
November	5.51	1.34	1.44	1.28	3.67	4.40	1.37	4.38	5.95	6.75		
December	3.41	4.61	2.57	6.57	3.31	4.07	3.80	3.59	3.48	5.16		
TOTALS	41.04	32.43	27.86	40.68	34.75	41.40	37.28	39.46	45.07	50.38		

1933. H. changed from map sent.

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	Direction

Station No. I.F. 6232RAINFALL at Stoneyford (Belfast W.D.)

41

County of Antonia Observer S. H. O. Triddleton Esq. C.E.River Basin Bann - Lough Neagh East 5. R. H. M. Cullen Esq. B.Sc.

Type of Gauge.....

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

File No. 664992/26

Diameter	5"				950	578					X	
Height	1' 0"					1						
Altitude	450'	453'				41		450'	453			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	306	6.66	5.60	4.48	3.63	4.05	3.46	7.79	3.42	1.43		
February	384	2.41	1.74	1.42	3.38	2.67	2.53	2.10	2.07	3.75		
March	497	3.21	1.25	.58	1.40	2.25	6.79	2.28	3.34	1.76		
April	369	1.85	2.78	2.21	1.84	.97	3.12	1.74	2.85	5.03		
May	270	4.09	5.28	1.80	4.14	1.40	3.43	2.32	2.16	1.29		
June	0.74	.40	4.38	2.51	4.51	3.63	3.93	4.96	.82	2.88		
July	462	4.13	2.32	4.19	3.85	3.68	4.15	3.54	2.67	6.43		
August	483	5.53	6.47	3.10	1.07	5.93	.47	4.63	4.35	5.66		
September	214	5.08	2.98	4.56	3.58	7.17	3.38	4.50	2.61	7.83		
October	696	4.43	4.17	4.27	4.28	1.63	2.34	3.53	5.53	3.40		
November	424	.63	3.22	5.19	1.10	4.61	4.60	3.36	3.18	3.06		
December	176	4.25	2.43	4.14	4.11	4.39	3.15	5.96	4.82	3.68		
TOTALS	4355	42.72	42.62	38.55	35.89	42.38	41.35	46.71	37.76	46.20		

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. 6232

RAINFALL at Stoneyford (Belfast Waterworks) 51  
 County of Antum Observer (old gauge No. 1, 2/54)  
 River Basin 5 Barn Longuevaux East. R.H. McCullough, Esq., B.Sc.  
 Type of Gauge M.O. (B.S. 2 B.A. 100, 100, 100)

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

41-21 28 with 1929-57

File No. 664992126

Diameter ...	5"				950	578						
Height ...	1' 0"					1			11"			
Altitude ...	453'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.35	4.25	1.54	2.98	4.91	3.38	3.99	4.67	2.24	4.38		
February ...	4.20	.95	1.47	3.85	3.18	1.33	2.15	4.81	1.53	2.58		
March ...	3.62	1.46	.36	3.26	1.61	1.85	3.20	2.10	2.69	2.57		
April ...	2.18	1.84	1.80	.73	2.62	1.35	1.45	1.93	3.18	3.13		
May ...	3.58	1.24	1.78	4.46	2.88	1.26	2.35	3.71	1.14	2.37		
June ...	3.06	3.43	1.83	2.99	4.94	3.53	1.38	6.49	2.15	2.39		
July ...	5.22	2.27	5.55	4.67	1.59	3.28	4.79	5.26	5.13	7.90		
August ...	4.53	5.80	3.09	2.94	1.31	7.76	4.77	3.88	1.08	6.51		
September ...	2.63	1.91	2.69	4.12	4.40	3.47	5.81	5.76	1.64	2.82		
October ...	0.78	4.40	1.89	6.08	2.40	2.78	4.19	2.68	4.23	5.42		
November ...	7.40	3.71	3.74	5.66	2.49	1.41	2.26	1.99	3.93	3.92		
December ...	4.43	4.02	3.43	4.78	5.00	5.43	5.01	5.41	5.65	2.99		
TOTALS ...	44.98	35.28	29.17	46.52	37.63	36.83	41.35	48.69	34.59	46.98		
	D	D	D	D	D	D	D	D	D	D		

Imp. I 1959 1/2 B.O.K. Overhead all drainage. This will rec. a new site available. 4. 1959.  
 1959 No. 2 gauge (S/N 6232/1) set up - to have 1 yr overlap with No. 1 gauge.  
 New gauge records recovered from Feb. 1959. What does this mean? 0 0 0 7 3 4

As not to be used with 6232/1

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference JJ 221701

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

Summary of Earlier Records from 10-year Sheets:

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

RAINFALL at Stoneyford (Belfast Waterworks) No 1 Station No. 6232/1County of AnttrimObserver R.E.D. Bain, B.Sc., B.A.River Basin Bann, Lough Neagh E-5.

Type of Gauge \_\_\_\_\_

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

Ref. \_\_\_\_\_

File No. E-23643/58

Diameter ...						950 586				5"	
Height ...						1				1' 0"	
Altitude ...						51				453	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	For records, see old gauge, S/H 6232 ...								(2.24)	4.25	
February ...									1.52	2.53	
March ...									2.65	2.46	
April ...									3.19	3.05	
May ...									1.15	2.31	
June ...									2.21	2.60	
July ...									5.19	7.60	
August ...									1.06	6.32	
September ...									1.64	2.80	
October ...									4.25	5.24	
November ...									3.94	3.67	
December ...									5.55	2.90	
TOTALS ...									(34.89)	45.83	

1959 - New gauge to replace S/H 6232 - 1 year overlap (same pipes taken from old gauge (S/H 6232) which continues for overlap period. New gauge received 3 accepted from outlet. 40004

Position of Station on Ordnance One-Inch map:

No. of Map \_\_\_\_\_

National Grid Reference TJ 218701

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

Summary of Earlier Records from 10-year Sheets:

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