

RAINFALL at Silent Valley (Belfast W.W.)County of Dowm Observer L. F. Whistler, F.R.G.S.River Basin Dundrum Bay + C - 2.Instrument Rain Gauge, by.....

Diameter										5
Height										10
Altitude										426
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January										6.01
February										1.28
March										4.20
April										2.15
May										3.55
June										2.60
July										5.69
August										7.81
September										5.17
October										6.72
November										6.16
December										6.14
TOTALS										51.43

Position of Station on reduced Ordnance Survey Map, 2 miles 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
1930.			Newcastle (Co. Down)	8 m.	N.E.	Kilkeel	4 m.	S.

0 0 0 4 4 7

RAINFALL at Silent Valley (Belfast w.w) rewg.County of Down.Observer G. H. Wheeler G.E.River Basin 2-Dundrum Bay &c.S.H.W. Middleton Eng.GE.Type of Gauge Inverted.

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

7. 664992 / 26.

Diameter	5"										
Height	1' 0"										
Altitude	426										457'
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.22	3.10	3.47	5.14	1.97	6.52	5.59	5.65	8.51	10.72	
February	2.99	1.50	4.34	2.28	6.31	4.22	8.12	2.98	4.86	5.61	
March	4.26	2.56	4.72	3.18	1.45	5.03	7.41	1.53	4.08	5.89	
April	3.83	4.83	2.79	3.31	4.55	1.08	3.81	1.19	3.66	7.28	
May	6.04	5.59	3.66	3.65	1.28	1.87	1.96	5.18	.77	1.58	
June	7.37	1.84	2.70	2.29	5.81	4.26	3.13	5.39	2.38	1.36	
July	4.57	5.16	3.47	2.06	1.26	8.88	4.88	7.50	5.13	3.73	
August	4.61	4.55	3.82	8.10	2.58	4.61	3.61	3.30	1.91	.70	
September	5.03	3.17	1.32	7.93	6.99	6.39	3.86	4.30	4.02	2.76	
October	3.13	5.11	4.60	5.84	5.68	3.74	3.15	10.65	3.80	7.47	
November	7.92	2.87	1.66	3.48	7.03	5.27	3.30	6.40	7.59	8.61	
December	4.43	7.66	4.00	10.84	4.78	4.35	6.62	5.33	4.60	5.20	
TOTALS	58.46	46.94	40.75	56.10	49.69	56.22	55.44	58.40	51.31	60.91	53.422

1939. Change of ht. from map sent.

1942 as computed roughly as 50.0 in. 4/42 - (not for use in BR)

Position of Station on reduced Ordnance Survey Map,				No. of Map.....	Reference No.....
Data.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction
			Newcastle	8m.	N.E.
					Kirkhill
					4m S.

Station No. TF 6196

RAINFALL at Silent Valley (Belfast W.W.)

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County of Down

Observer S. H. N. Middleton Esq., C.E.

River Basin Dundrum Bay &c - 2

R. H. McCutcheon Esq., B.Sc.

Type of Gauge Snowdon

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

Ref.....

File No. 664992/26

Diameter	5"				975	694				
Height	1' 0"					1				o the height will be 151
Altitude	457'	426'				41				457'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 Means
January	645	9.79	7.01	4.92	3.86	5.22	4.41	12.53	3.48	1.50
February	611	2.11	1.64	1.49	5.10	2.51	2.29	3.59	1.95	6.82
March	423	6.78	1.19	47	3.58	4.33	10.52	2.75	3.80	3.52
April	405	2.99	2.20	3.85	1.86	1.05	4.26	2.77	3.89	4.74
May	323	5.74	5.71	1.77	4.12	1.56	4.44	3.38	1.44	1.56
June	0.40	.36	5.22	3.19	5.86	4.76	4.66	4.10	.64	2.30
July	456	3.01	3.25	5.49	3.63	3.46	4.48	3.70	4.73	5.79
August	518	7.48	7.30	4.49	2.39	5.90	.88	4.85	5.60	7.30
September	300	7.99	3.05	6.57	4.82	10.13	3.44	5.04	3.06	8.68
October	590	3.36	4.44	5.83	3.63	1.61	2.90	5.13	7.45	4.54
November	586	.69	3.58	8.36	2.43	8.99	5.66	3.38	4.03	3.72
December	274	5.47	2.47	4.38	7.37	5.76	5.59	6.74	5.13	2.58
TOTALS	5171	55.75	47.06	50.81	46.65	55.28	53.53	57.81	44.60	53.05
	D	D	D	D	D	D	D	D	D	D

As computed roughly as 50.0 in. wide to allowance of 4.42. (20% for rain in G.R.)

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. 6196

RAINFALL at Silent Valley (Belfast ~~Waterworks~~) 51

County of Down

Observer R.H. ^{Kingsman IX S1} McEntee Esq. B.Sc.

River Basin 2 - Dundrum Bay &c.

R.E.D. Barn, Eng. R.A. (1952)

Type of Gauge Boson M.D.Annual Average ... in. based on ... years obs. un-weighted. Period of average ... Ref. ...
" " 52.80 " 23 " within 1920-57 " 1916-50 S
" " " " " File No. 664992/26

Diameter ...	5"		975	694						975691	
Height ...	1' 0"				1					1	
Altitude ...	457'				51					51	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.52	4.62	2.08	2.95	5.90	4.87	5.19	4.77	3.67	6.24	
February	3.36	.61	1.98	6.59	5.01	1.42	3.42	5.01	1.83	4.40	
March	3.98	3.69	.52	5.01	2.23	2.36	7.25	2.11	3.84	6.91	
April	2.67	2.07	2.60	1.01	3.59	1.33	1.75	1.60	2.63	2.90	
May	4.10	1.30	2.22	6.48	3.75	1.55	5.54	5.52	1.48	2.53	
June	2.52	3.44	1.93	3.97	6.92	3.72	2.29	7.44	2.17	2.84	
July	3.61	1.40	(6.83)	4.44	2.76	4.01	5.45	4.18	2.67	9.05	
August	6.87	3.99	5.11	3.64	1.81	7.69	6.13	7.78	1.06	5.05	
September	5.56	2.83	4.96	5.04	2.71	4.23	8.29	6.87	3.27	4.45	
October	0.82	8.14	3.11	8.45	2.84	3.29	5.38	3.44	6.75	7.79	
November	9.02	4.40	4.69	8.30	3.13	1.85	2.63	3.14	6.43	5.78	
December	6.57	5.02	4.62	6.37	6.34	6.71	6.70	4.75	10.43	5.03	
TOTALS ...	54.60	41.51	40.65	62.25	47.02	43.03	60.02	56.61	46.23	64.07	
	D	D	D	D	D	D	D	D	D	D	

1953. July adj. 10004

prep. II 1958 3. round. Too to all new one overwhelming others soon overwhelming. Two alternative sites available.

21st July 1958 - gauge moved from NGR 305210 to 33-305216. Ht. of new site: 432 ft. (Dublin bay)

000/195

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference I.J. 305210

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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 1930	✓	✓	✓