

RAINFALL at Newton Stewart, Little Barras.County of WigtonObserver Brig. Gen. G. R. P. Hawthorn, C.B.E., D.S.O.River Basin Cree & Wigton Bay 4.Rain Gauge, by

Diameter ...											5"		
Height											1.0		
Altitude ...											180		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920-29 MEANS.		
January ...											11.09	3.51	7.16
February ...											4.06	2.97	.32
March											5.07	1.73	2.68
April											1.83	1.06	2.45
May											1.44	0.49	1.64
June											5.89	2.98	2.77
July											2.95	1.21	1.35
August											5.28	6.17	6.84
September...											2.52	.73	4.79
October.....											5.88	9.59	6.65
November...											5.66	8.27	8.83
December...											1.08	5.80	10.12
TOTALS...											Imp.	63.79	53.45
											D.	D.	D.

1927 3 miles S.W. of S. from Newton Stewart.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

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

RAINFALL at Newton Stewart (Loch Barrer)County of WigtownObserver Brig. Gen. G.M.P. Hawthorn,River Basin 4 - Grouse & Wigtown BayC.B.E., DSO.Type of Gauge GlaisherAnnual Average 44.8 in. based on 9 years obs. up-weighted. Period of average 1881-1915 Ref. P.B. 418
Computed x 37

Diameter	5"											
Height	1' 0"											
Altitude	180'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.70	4.49	3.91	5.35	2.14	4.95	5.56	5.53	5.91	3.82	47.36	
February	4.16	0.08	4.22	4.44	4.68	1.96	6.28	3.17	5.34	2.16	32.48	
March	1.07	2.76	3.57	2.64	1.50	2.75	1.77	1.47	3.84	5.25	26.68	
April	2.13	4.87	1.72	2.70	3.22	1.77	3.02	6.71	2.03	2.03	23.16	
May	2.70	3.44	1.91	4.09	1.68	3.33	2.69	3.86	1.17	1.58	25.45	
June	4.73	1.49	3.06	1.30	3.43	3.45	3.05	5.32	2.73	.78	29.34	
July	3.85	4.26	4.37	3.86	2.14	5.90	5.56	6.05	5.96	4.62	46.07	
August	2.38	2.29	3.14	5.21	1.85	3.62	2.09	3.05	1.41	1.38	26.42	
September	2.73	5.17	.83	5.84	6.10	5.70	2.88	5.32	3.52	4.02	42.11	
October	3.47	6.22	3.14	6.20	8.32	4.60	3.34	9.04	3.83	5.35	53.54	
November	10.26	4.38	2.52	1.26	6.63	4.73	1.55	7.47	8.49	7.73	55.02	
December	4.87	7.06	2.37	10.00	4.54	5.46	4.08	6.05	3.37	5.59	53.39	
TOTALS	48.05	46.51	34.76	48.39	45.29	47.22	41.90	57.00	47.60	44.30	461.02	

1934. House 30' high GO' N.W.

1938 Bank 14' high 5' SW-S-E NE

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
1937			Newton Stewart	3 m.	N.E.	Newton Stewart	3 m.

Station No. 5011

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RAINFALL at Newton Stewart (little Barrer)

County of Wigtown

Observer Brig-Gen G.M.P. Hawthorn,
died 9/45

River Basin N. Cree & Wigtown Bay

C.B.E., D.S.O.

Type of Gauge Glaisher

H.P. Hawthorn, Esq.

Annual Average 14.5 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 1418
Computed x 137 File No.

Diameter	5"				633	710					
Height	1' 0"					1					
Altitude	180'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.25	7.60	6.80	4.65	2.89	6.89	6.26	8.12	3.18	2.73	5.37
February	3.87	2.03	3.40	1.52	7.01	2.89	4.44	2.70	3.22	4.39	3.147
March	3.47	3.48	1.13	6.8	2.72	2.52	5.68	3.64	2.43	3.71	2.946
April	1.53	2.42	2.73	2.71	2.20	1.26	5.38	1.49	4.35	3.25	2.732
May	3.04	3.30	3.53	3.20	3.91	1.95	4.24	2.17	1.43	2.11	2.788
June	1.07	1.29	3.90	3.71	4.06	3.55	4.39	4.25	1.07	3.58	3.087
July	4.20	4.09	2.52	5.02	3.19	3.06	3.67	3.36	2.77	3.74	3.562
August	6.40	5.01	6.88	3.72	1.56	4.47	1.16	4.78	3.54	6.08	4.260
September	3.06	4.93	3.32	5.69	4.53	7.18	4.85	5.32	2.87	9.67	5.092
October	5.66	4.90	4.27	7.01	6.03	1.95	1.52	5.72	5.54	4.75	4.935
November	4.08	0.86	4.40	8.28	3.8	7.92	6.66	4.79	5.35	3.42	4.614
December	1.89	7.05	3.36	5.96	5.15	5.37	2.71	5.89	7.23	2.36	4.697
TOTALS	39.52	46.96	47.24	52.15	43.63	47.01	45.96	52.23	42.48	49.79	46.897

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. 5011

RAINFALL at Newton Stewart (Little Barras)

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County of Wigtown

Observer H. P. Hawthorn, Esq.

River Basin. 4-6 rec. + Wigtown Bay

Type of Gauge. Seine B.A. (in wire)

Annual Average ~~44.8~~ in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. P.R. 418
 48.28 " " 28 * 1928-1955 Station 5003
 29 " 1928-1956 " 52.68
 33 " 1928-1956 " 50.71 File No. 1916-1950

Diameter	5'		633	440								
Height	1' 0"				1	10"						
Altitude	180'				51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	5.27	4.49	1.96	4.59	4.05	3.79	4.46	5.40	2.27	5.06		
February	3.61	1.03	1.33	4.51	3.22	1.03	2.97	1.32	1.71	5.27		
March	3.79	2.96	.53	3.90	2.21	2.03	4.20	1.23	3.65	2.60		
April	1.72	1.73	1.82	1.45	3.11	2.30	1.59	1.35	3.39	4.18		
May	2.23	2.24	2.52	2.53	3.26	1.47	3.42	2.76	1.84	2.31		
June	2.30	3.14	1.34	5.04	3.69	2.88	1.75	3.80	2.94	2.56		
July	2.44	2.21	5.44	4.94	1.71	5.43	4.62	4.05	2.85	4.64		
August	7.98	3.34	3.20	4.56	1.66	6.83	3.37	4.95	.65	5.26		
September	5.00	2.86	6.76	7.23	3.45	4.72	4.51	6.28	2.47	4.00		
October	0.57	4.24	4.58	8.49	2.30	3.08	4.99	4.05	6.39	4.43		
November	9.20	2.94	6.51	8.87	3.53	2.17	2.20	2.92	5.31	7.76		
December	7.23	4.40	4.80	6.59	5.70	4.54	5.70	5.84	8.38	4.77		
TOTALS	51.34	35.58	40.76	62.70	37.95	40.27	43.78	46.95	41.85	52.84		
	9	D	P	D	D	D	D	D	D	D		

Inv. NN 456. G. sound. 0/5 to NNW 40° house 50' distant. Semicircular low grass mound round gauge 4' distant except on house side. Obser. would not consider change of site. Flat bottom measure.

1958 N.G.R. changed see vol 1928
 Inv 13.10.58 G. sound clearing slightly. House just on limit (elev 26°) to NW slight slope down to S.E.

25/381619
 25/411629

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 14244875

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
		c 1927 imp 27	/	/	/	/