

RAINFALL at Berwick on Tweed, The Ramparts.

County of Northumberland Observer J. H. Haffens (Boro' Surveyor)  
for Town Council.  
 River Basin Tweed 6 Boro' Surveyor.

M.O. Rain Gauge, by \_\_\_\_\_

Diameter ...				5"							
Height .....				1-0							
Altitude ...				76							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...					1.76	.66	2.57	1.30	2.29	1.61	2.15
February ...					.83	4.31	2.23	.53	0.81	1.43	1.13
March .....					.40	1.89	.69	1.69	2.37	.12	.70
April .....					.98	2.23	1.87	1.21	0.99	1.42	1.45
May .....					4.32	2.89	2.22	1.88	0.84	1.07	.50
June .....				.78	1.95	.36	2.76	2.55	3.77	1.32	.73
July .....				1.32	3.68	1.73	3.59	2.61	2.45	2.65	5.12
August .....				3.80	1.89	2.03	2.21	6.56	3.42	3.67	3.57
September...				1.17	2.87	3.80	3.57	5.22	1.04	.31	3.20
October .....				1.46	3.64	1.13	3.31	1.68	1.44	2.19	2.42
November...				3.47	.75	1.82	2.68	2.37	2.62	2.34	2.85
December...				2.06	1.50	2.60	.41	2.30	1.20	3.13	2.25
TOTALS...					24.57	28.44	28.11	29.90	23.24	21.31	27.07

1926. Iron Railing 5' 6" high, 9ft. S.E. & W.  
 Sun Recorder 4' 5" " , 6ft N.

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1926	55° 46' 6"	1° 59' 42"	Berwick	72	WNW	Berwick	500	NW by W

RAINFALL at Berwick-on-Tweed, (Ramparts) *M.W.P.*County of NorthumberlandObserver The Boro' SurveyorRiver Basin Tweed - 6Type of Gauge 70Annual Average 23.4 in. based on 4 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S. Avo. Shul

Diameter	5"					5"				5"	
Height	1' 0"					1' 0"				1' 0"	
Altitude	76'					76'				74'	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean
January	2.03	1.00	1.05	1.03	.99	3.73	1.93	2.17	3.02	1.85	1780
February	.82	.49	2.13	.19	1.12	2.90	2.76	.50	.64	1.04	1259
March	.69	3.01	.56	2.34	1.91	1.94	3.22	.80	1.70	2.64	1881
April	1.64	1.19	1.93	3.17	3.53	1.13	1.36	.15	.99	.83	1595
May	2.87	1.76	1.33	1.21	.76	.85	2.77	2.05	.52	1.19	1531
June	3.66	1.55	1.26	1.93	2.39	1.06	1.25	2.27	1.46	.65	1758
July	3.17	2.19	2.61	3.52	.69	2.93	2.56	3.04	2.32	7.67	3070
August	1.15	.84	1.22	2.71	3.24	1.21	2.74	1.28	1.33	1.24	1696
September	.91	3.27	.97	1.97	2.75	3.38	.56	2.30	1.58	2.01	1970
October	1.33	4.37	2.93	3.84	2.56	1.36	2.19	2.73	2.46	2.43	2620
November	2.80	.63	2.16	1.90	3.00	2.47	.34	2.55	1.88	2.78	2051
December	.71	.93	1.44	3.60	1.66	1.21	4.26	1.78	1.20	1.45	1824
TOTALS	21.81	21.23	19.59	27.41	24.60	24.17	25.94	21.72	19.10	24.78	23035
	D	D	D	D	D	D	D	D	D	D	KM.

Inspected 4/10/35 site &amp; g. satisfactory

Inspected 11/8/36. Inspected 20.7.37 a well kept station but wind swept exposure

† Inspected 1939 The rain gauge moved to a position 9' from the Stevenson screen, and 7' 4" from Northerly &amp; Easterly fairs.

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. 3601

RAINFALL at Berwick-on-Tweed (Ramparts) M.W.R.

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County of FifeObserver Bornish SurveyorRiver Basin Tweed-6

Type of Gauge

Annual Average 23.6 in. based on 4 years obs. ~~un-weighted~~. Period of average 1881-1915 Ref. S.A.W. Shed

File No.

Diameter	5"			924	257							
Height	1'				1							
Altitude	761				41					74		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	1.61	2.24	1.94	.65	4.60	.81	1.54	4.58	1.10	.72	1979	
February	2.25	.77	.79	.89	1.82	.73	1.80	1.04	.50	1.73	1232	
March	1.92	.67	.63	.68	.26	1.13	4.11	.24	.76	.87	1127	
April	.87	.50	.71	1.62	1.38	.63	2.18	1.00	.61	2.16	1166	
May	1.57	1.76	2.41	1.52	4.72	1.33	2.29	1.10	.77	1.35	1882	
June	1.16	.89	1.87	1.81	2.34	1.52	1.87	3.00	1.14	1.15	1675	
July	1.59	2.21	1.19	2.01	1.28	2.03	2.65	1.39	1.51	1.96	1782	
August	2.81	1.72	3.78	2.19	4.12	5.90	.08	8.94	2.07	1.72	3333	
September	.74	1.75	1.53	3.84	2.43	2.52	.98	1.85	2.02	3.19	2085	
October	2.90	1.63	1.88	1.66	2.90	1.09	.60	2.45	4.37	1.36	2084	
November	2.11	.52	2.02	3.06	.44	3.77	2.11	1.40	2.67	3.85	2195	
December	.38	1.31	1.11	1.56	1.96	1.87	1.43	1.27	1.49	2.28	1166	
TOTALS	19.91	15.97	19.86	21.49	28.25	23.33	21.64	28.26	19.01	22.34	22006	

The altitude is 76.45 ft. vide letter N. 42

Inspected by S.M. HARRISON on 11.4.7. S. G. G. G.

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

BRITISH RAINFALL ORGANIZATION



Station No. 3601 51RAINFALL at Berwick-on-Tweed (Rampart) M.W.R. (72)County of Northumberland Observer Borough SurveyorRiver Basin Tweed-6

Type of Gauge.....

Annual Average 23.4 in. based on 44 years obs. un-weighted. Period of average 1881-1915 Ref. S. 2. 10. 5.  
23.29 " " " 33 " " 1924-1956 1916-1950 P  
File No. ....

Diameter ...	5"		924	257								
Height ...	1' 0"			1								
Altitude ...	76'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	2.78	1.42	1.33	1.61	1.67	2.63	2.45	1.83	1.47	3.29	20.48	
February ...	1.80	.73	.80	1.49	2.11	1.81	2.60	1.86	.23	2.11	15.54	
March ...	2.69	1.24	.10	1.03	1.10	.89	1.86	3.41	.52	1.08	13.92	
April ...	2.26	2.10	1.65	.69	.84	.70	.57	1.55	2.05	0.52	12.93	
May ...	2.45	2.05	2.58	2.59	1.40	.46	1.19	1.89	.33	2.09	17.03	
June ...	1.07	2.03	1.50	2.23	1.65	1.66	.98	2.49	1.41	1.15	16.17	
July ...	2.16	1.15	2.97	1.97	1.47	3.11	3.17	3.47	1.71	4.22	25.40	
August ...	2.99	2.96	2.15	4.42	.50	6.46	3.51	4.38	.45	3.52	31.34	
September ...	.58	2.27	1.82	2.46	.99	3.02	2.19	2.25	.58	2.33	18.49	
October ...	.46	2.17	1.09	3.61	2.16	1.12	1.62	1.34	1.89	3.99	19.45	
November ...	5.48	3.49	1.74	2.37	1.19	.77	.81	.69	2.89	2.31	21.74	
December ...	1.02	3.36	1.38	1.48	2.89	1.90	2.29	3.13	2.70	1.78	22.93	
TOTALS ...	25.74	24.97	19.11	25.95	17.97	24.53	23.24	28.29	17.23	28.39	235.42	10

Inspector's Notes 22.5.52. Fully satisfactory except that gauge is a little out of level. No comment on this in 1957 report.  
 Insp. Mr. R. G. L. 1.10.57. Gauge No 7206 Museum No 2010/29 in good condition. Inspector had thought gauge is incorrectly exposed but upon examination of records from neighbouring stations it was considered that gauge is not appreciably over-exposed.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference MU (46) 002528

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
		Camp 1923	✓	✓	
		✓ but - 24.30	✓	✓	