

# RAINFALL AT *Source of Tweed Meggethead* ✓

Lat..... Lon..... County of..... *Peebles*

Rain Gauge, by..... Observer .....

*Tweed, Rebank - 1.*

Diameter .....											
Height .....	<i>8</i>										
Altitude .....	<i>1750</i>										
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>4.80</i>										
February.....	<i>5.30</i>										
March .....	<i>2.00</i>										
April .....	<i>4.20</i>										
May .....	<i>11.10</i>										
June.....	<i>3.90</i>										
July .....	<i>3.40</i>										
August.....	<i>1.80</i>										
September.....	<i>7.10</i>										
October.....	<i>7.60</i>										
November.....	<i>3.50</i>										
December.....	<i>2.30</i>										
TOTALS .....	<i>57.00</i>										

C

# RAINFALL AT Meggat Head, Edinburgh W.W. No. 1 (Talla Moss)

Lat. ....

Lon. ....

County of

Selkirk

Rain Gauge, by

Observer

W. A. Tait Esq. C.E.
Wind, Struck - 2.

Diameter ....							5				
Height .....							1	3			
Altitude .....							1496	ft			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....							3.33	2.40	3.74	5.35	
February ....							3.98	6.02	4.00	6.60	
March .....							6.70	9.37	1.89	4.61	
April .....							2.54	5.12	6.80	4.49	
May .....							.81	3.72	2.95	3.83	
June .....							5.80	6.14	2.71	1.73	
July .....							6.87	4.25	1.92	4.91	
August .....							3.52	10.00	5.44	2.06	
September....							7.87	4.87	5.63	4.89	
October .....							6.18	5.10	6.18	4.72	
November....							2.58	4.96	6.28	11.58	
December ....							8.73	12.96	5.30	2.86	
TOTALS . . .							58.91	74.91	52.84	57.63	

1896-02. Monthly totals entered from P. Y. 28. XI. 1913.

# RAINFALL AT *Meggat Head Edinburgh W. No. 1*

Lat. .... Lon. .... County of *Selkirk*

Rain Gauge, by .....

Observer *W. Anderson Esq*

*Wind, strike - 2.*

*W. A. J. Taylor & Co.*

Diameter ..				5							
Height ....				1.3							
Altitude ..				1496 ft							
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.45	2.93	3.66	6.70	7.20	2.20	5.50	1.30	4.56	(4.05)	
February ..	2.47	2.22	1.73	8.50	4.25	3.05	2.10	2.15	2.63	(2.20)	
March ....	5.7	2.92	3.45	19.93	4.80	9.03	2.05	4.48	6.78	(6.70)	
April .....	2.55	4.80	3.90	1.55	6.12	4.35	1.70	3.20	2.03	(4.05)	
May .....	6.10	2.43	2.65	3.33	3.50	2.95	5.96	5.45	2.88	(3.60)	
June .....	10.00	3.54	1.30	2.42	4.30	2.10	2.30	5.88	3.65	2.75	
July .....	4.20	1.08	2.76	5.37	4.73	3.37	3.13	3.98	2.53	5.60	
August ....	5.22	4.75	3.05	8.05	6.30	5.50	8.43	6.00	5.68	3.10	
September ..	4.78	5.04	3.79	4.55	4.10	2.70	.80	.60	4.80	(3.20)	
October ....	4.87	3.92	5.27	13.05	2.45	4.17	7.00	8.48	1.70	(13.60)	
November ..	5.98	3.18	5.38	4.10	2.50	6.50	4.40	4.40	4.45	2.90	
December ..	11.42	3.38	8.55	5.40	5.13	2.67	1.70	4.97	3.70	(4.10)	
TOTALS ..	63.61	40.19	45.49	82.95	55.38	48.59	45.07	50.89	45.39	(61.85)	50.96

1909. The amts. in brackets are revised and corrected values.

The orig. record which follows is bad but the trustees of the Edinburgh W.W. would not permit the printing of a revised amount. -

<u>Orig. record</u>	Jan	5.05	}	<del>May</del> 2.60	}	Sept.	2.70
	Feb.	1.70		<del>June</del> 2.75		Oct.	10.60
	Mar.	3.70		<del>July</del> 5.60		Nov.	2.90
	Apr.	3.05		<del>Aug.</del> 3.10		Dec.	5.10

*Year 48.85*

1896-02. Monthly totals entered from P. L. 28 VI 1913.



# RAINFALL AT Meggat Water (mill lodge)

Lat. ....

Lon. ....

County of Selkirk

Rain Gauge, by Newtons

Observer M. A. Smith

Colebrook South West

Twice, Etnick - 2.

Diameter ..						5					
Height ..						σ 4					
Altitude ..							1000			1005	
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							7.16	2.42	5.60	558	
February ..							2.92	4.20	4.08	238	
March ....							3.67	4.32	7.72	6.50	
April .....							2.15	2.31	2.05	376	
May .....							6.57	5.56	2.46	270	
June .....							2.12	5.44	2.85	237	
July .....							2.85	3.25	2.37	4.86	
August ....						5.84	8.60	5.65	4.96	3.02	
September ..						2.91	1.25	1.07	5.75	3.46	
October ....						3.94	8.79	8.69	1.77	10.41	
November ..						5.89	4.92	4.40	3.95	2.09	
December ..						3.30	4.01	6.41	2.32	576	
TOTALS ..							55.01	53.72	45.88	52.39	

1905 Meggat Burn 1/2 Mile SE  
 Inner Leith Station 16 " NE  
 Wood 35 ft high 50 yards SW  
 Burn 20 " W

RAINFALL at Meggat Head, Edinburgh W.R. No. 1.

County of Selkirk <sup>Ettrick & C.</sup> Observer Messrs. Leslie & Reid C.E.  
 River Basin Tweed Right bank trib. 1. W. A. Tait

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

Diameter ...	5											
Height .....	1	3										
Altitude ...	1496	†										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.80	2.90	5.15	8.10	5.40	3.50	7.10	2.50	5.90	4.38	4.873	
February ...	6.50	3.35	4.65	4.00	8.50	13.06	6.10	1.40	7.90	1.35	5.681	
March .....	8.02	1.19	6.60	6.60	8.75	2.24	7.10	2.30	2.50	3.99	4.929	
April .....	4.97	4.80	.70	7.20	3.70	3.45	3.40	2.50	.95	5.70	3.737	
May .....	1.90	4.10	1.30	1.25	3.55	1.90	5.15	3.60	2.96	.25	2.596	
June .....	1.80	2.90	7.60	3.70	3.13	1.30	2.90	3.60	1.29	2.40	3.062	
July .....	5.50	1.90	4.30	.80	2.95	4.90	4.10	2.20	3.98	1.12	3.175	
August .....	7.93	3.45	5.20	1.75	4.20	3.04	4.30	8.30	3.28	4.30	4.575	
September ...	1.10	2.00	2.70	3.10	2.50	1.80	2.60	3.10	8.24	3.70	3.084	
October ...	4.10	3.85	4.50	4.80	2.60	2.80	7.50	8.50	9.60	2.60	5.085	
November ..	3.05	6.60	3.70	6.20	6.10	3.25	8.50	6.80	6.23	4.90	5.533	
December ...	6.15	9.50	10.50	4.10	11.06	11.20	5.70	2.00	5.53	10.57	7.625	
TOTALS ...	54.82	46.54	56.90	51.60	62.38	52.44	64.45	46.80	58.36	45.26	53.955	

1915. Feb's March divided by Observer.

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

RAINFALL at Meggat Water, Bramill Lodge

County of Selkirk <sup>Ettrick & C.</sup> <sup>2</sup> Observer Mr. A. Sim  
 River Basin Jweed - Righthamkirk Mr. B. S. Allan (1914)  
John Lee (16)  
 Rain Gauge, by Newton

Diameter ...	5										
Height .....	0 4										
Altitude ...	1005										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.95	2.98	4.08	6.40	3.09	<del>3.04</del> 2.96	6.38				
February ...	6.50	5.90	4.07	3.85	7.03	<del>7.41</del> 7.34	4.36				
March .....	4.37	2.42	5.58	6.46	6.54	<del>1.05</del> 1.20	2.92				
April .....	4.44	4.86	1.09	6.25	2.81	1.39	3.30				
May .....	2.03	3.11	1.32	3.70	2.62	<del>1.53</del> 1.46	4.43				
June .....	2.61	3.06	6.74	3.35	2.28	<del>1.11</del> 1.06	2.63				
July .....	5.29	1.37	3.68	80	2.04	<del>4.03</del> 4.06	5.04				
August .....	8.00	2.68	4.94	1.67	3.37	<del>3.72</del> 3.62	4.74				
September ..	.82	1.83	3.11	2.63	2.18	<del>1.22</del> 1.42	2.00				
October ...	4.53	4.16	4.50	4.60	1.88	2.64					
November ..	3.09	7.81	4.17	7.11	8.57	<del>2.42</del> 2.39					
December ...	5.56	8.91	9.28	3.48	(10.00)	<del>7.01</del> 5.40					
TOTALS ...	51.19	49.09	52.56	50.30	(52.41)	<del>34.93</del> 36.54					

1914 Dec. est.  
 1915 Plantation 50 ft 40 yds N  
 hill 2100 ft 200 yds W  
 Burn 20 yds W.

1915 cont per W.D. 14.XI.17

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Inverkeithrow	16 mls	NE.	Meggat District	600 yds	E.



RAINFALL at Edinburgh Waterworks (Maggie's Loch) 1.County of EdinburghObserver Wm. Leslie and Robert C. F.River Basin 2 W. W. R. C.

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

Diameter ...	5								8		
Height .....	1.3										
Altitude ...	1496										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January	7.48	11.18	3.60	3.80	5.60	6.15	7.95	9.23	12.90	3.10	9.45
February	6.82	5.4	4.00	10.90	.80	5.35	4.82	2.70	2.50	1.90	.86
March	9.53	10.99	4.21	3.35	1.00	2.10	3.15	4.37	5.27	.53	3.97
April	2.19	1.23	4.61	4.60	4.07	4.82	2.83	3.40	1.70	1.70	2.10
May	6.78	1.49	1.73	2.75	5.65	7.92	4.17	2.46	2.04	5.22	1.60
June	1.45	.42	1.80	1.75	1.10	.52	4.94	4.60	6.00	1.94	3.85
July	5.83	4.16	5.58	4.75	5.18	1.79	4.10	4.89	3.36	3.46	5.30
August	5.13	5.05	2.58	8.90	5.83	4.90	4.53	7.84	8.90	4.93	8.07
September	2.71	2.00	2.40	7.98	5.63	3.53	5.21	7.50	2.94	1.00	4.92
October	3.22	4.35	4.10	9.18	2.27	6.34	3.30	7.04	12.00	5.10	8.90
November	4.42	3.05	3.70	5.95	3.32	2.60	7.94	4.91	7.45	7.90	4.10
December	5.83	7.20	5.90	4.90	11.45	4.11	1.74	2.30	4.95	11.10	4.70
TOTALS	62.36	51.66	44.21	68.8	51.90	50.13	54.68	61.24	70.01	47.88	57.82

1922. Jan. &amp; Feb. proportioned.

1925. Jan. to March corrected for snow. amendments improve return but it is by no means certain it is perfect then.

1926. March corrected by maps. M.O. Edinburgh agree.

1929. Printed with?

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

RAINFALL at Edinburgh W.W. (Maggot Head) No 1.County of EdinburghObserver James Leslie Reid, C.E.River Basin 2- Loth - Ettrick &c.Edinburgh Water Engineer

Type of Gauge .....

Annual Average 54.5 in. based on 33 years obs. un-weighted. Period of average 1881-1914 Ref S

Diameter	8"									5"	
Height	1' 3"					1.6					
Altitude	1496'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.84	12.90	8.00	12.60	2.70	6.30	4.15	9.44	8.80	2.50	7123
February	3.17	25 (3.80)		14	4.20	5.70	2.05	4.21	10.52	2.16	3620
March	1.24	3.15	4.23	5.30	2.30	4.25	1.00	4.12	6.73	6.60	3795
April	3.44	4.02	2.90	5.02	4.25	1.80	3.48	.78	3.00	4.33	3302
May	5.24	3.45	2.27	4.12	.80	.60	2.58	7.08	1.50	1.70	2937
June	7.15	2.50	1.56	2.00	3.55	3.86	2.80	9.48	4.42	1.70	3902
July	5.20	8.05	3.90	4.70	1.45	5.07	3.65	6.43	5.82	8.30	5257
August	3.73	1.80	1.62	8.50	2.30	3.05	8.84	2.82	2.52	2.93	3304
September	1.27	5.50	1.80	8.05	4.70	3.95	3.94	5.32	2.38	6.00	4244
October	4.54	7.50	4.42	7.50	4.90	5.35	6.22	10.62	4.28	6.62	6195
November	12.75	2.55	3.35	2.40	6.10	5.30	1.38	14.38	10.38	7.87	6646
December	4.33	12.50	1.10	12.65	4.80	10.23	3.73	6.90	2.80	(5.80)	6484
TOTALS	55.90	64.17	(39.45)	72.98	42.08	55.46	38.91	81.58	63.15	55.41	56809
	M	M	M	M	M	M	M	M	M	M	

1933 Feb. amended for loss of snow.

1935 Low sp.

1936 Low sp. Just over 1' 4" high b.p. Still &amp; wind gauge 4' 6" high 12' all round.

Inspected H. C. Baxter 19/37. Leak discovered at junction of sloping side of funnel and cylindrical top. Site is on tract of fairly level ground (1496') with hills rising to 2000' on all sides.

1937 n.p. low

1940 Dec. estd. from nearby stations.

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
1936			Broughton	4 1/2 mi.	N.E.	Sweetnam	6 1/2 mi.	N.



RAINFALL at <sup>2</sup>Edinburgh W.W. (Meggat Head) No. 1. 41

County of Selkirk Observer Edinburgh Water Engineer

River Basin 2-Tweed-Ettrick & C.

Type of Gauge Standard

Annual Average 54.5 in. based on 32 years obs. unweighted. Period of average 1881-1915 Ref. S

Average no longer applies. Records acquired 1881-1915

File No.

Diameter	8"					909	767				
Height	1' 6"						1				
Altitude	1496'						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(2.50)	(5.50)	9.73	7.47	(5.00)	8.11	(8.00)	13.35	(7.13)	(4.77)	
February	(5.40)	(2.60)	5.75	(2.50)	(7.80)	(4.00)	(3.20)	6.78	7.56	(8.88)	
March	(3.70)	(3.18)	1.60	(0.83)	4.30	(3.76)	(7.25)	6.60	2.31	9.05	
April	(2.50)	5.51	3.55	3.58	3.04	1.76	12.53	3.98	6.95	5.78	
May	5.18	6.61	5.35	3.68	6.25	1.27	4.82	3.62	3.95	2.83	
June	1.42	(1.25)	5.25	4.92	5.17	4.83	4.56	8.00	1.73	4.39	
July	3.17	4.26	3.55	3.10	4.77	5.74	4.21	4.87	3.37	6.34	
August	6.92	7.40	9.22	4.00	3.00	4.70	12	10.00	5.98	9.52	
September	2.62	7.22	7.81	6.26	8.15	8.51	5.76	7.02	3.49	13.46	
October	4.80	7.09	11.74	5.72	6.74	1.04	2.84	5.38	10.18	6.46	
November	6.88	1.73	2.71	9.10	.98	12.83	8.70	4.93	7.67	6.27	
December	3.57	(11.50)	3.70	7.82	5.20	6.08	3.32	(11.89)	10.93	(3.93)	
TOTALS	(4866)	(6385)	69.96	58.28	60.40	62.63	64.81	86.42	71.19	81.70	
	M	M	M	M	M	M	M	M	M	M	

1941 Jan-April app. timed & recorded. 60000 30000 70000 1750 Jan, Feb & Dec app. by Eng.

Std & wire fence 4" high 12' S & W.

1942 Jan-Mar app. June estd. Dec app. with Jan '43.

1944 Feb-Mar app.

1945 Jan-Feb off. 1946 Feb & March app. timed.

1947 Jan-Mar app. 1881-1915 (beginning app. 8.00, 3.20, 7.25).

1948 Dec app. with Jan '49 by Eng.

74004 71014 30000

W of wall round gauge.

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
1941			Broughton	14 1/2 mls	N.E.	Tweedsmuir	6 1/2 mls	N.

BRITISH RAINFALL ORGANIZATION

Station No. 5062

RAINFALL at Edinburgh W.W. (Megget Head)

51

County of SeberiaObserver Edinburgh Water EngineerRiver Basin 2-Inch - Etnia & CType of Gauge Octapent GA 112.57945Annual Average in. based on years obs. un-weighted. Period of average 1914-50 Ref. 115" " 6830 " " 14 " " within 1943-50 " " 1914-50 File No.

Diameter ...	8"				909	767					
Height ...	1' 6"					1					
Altitude ...	1496'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	10.34	8.46	3.50	4.39	6.40	3.92	9.70	7.50	3.50	7.00	
February ...	9.50	2.12	2.73	5.26	3.00	1.88	6.60	5.40	1.70	9.00	
March ...	8.46	4.43	.78	4.39	2.90	2.90	5.60	2.60	5.50	3.20	
April ...	6.52	4.51	5.25	1.04	1.70	.98	2.50	2.50	6.20	7.00	
May ...	2.75	3.12	5.00	7.00	4.10	3.50	3.10	4.50	2.20	4.30	
June ...	3.67	3.94	3.50	5.04	3.80	4.60	2.40	5.00	4.20	3.80	
July ...	4.63	4.32	8.53	5.50	2.30	6.90	6.10	6.00	5.80	5.20	
August ...	8.71	6.51	5.03	6.51	1.90	9.20	6.40	7.00	1.90	5.20	
September ...	7.00	2.98	8.03	9.03	3.10	6.70	4.80	6.00	1.50	4.80	
October ...	0.94	8.20	5.03	11.10	5.00	4.80	5.20	4.30	7.00	5.60	
November ...	15.29	5.26	8.52	15.30	4.00	2.40	3.80	1.40	13.20	12.80	
December ...	12.97	6.20	5.54	6.53	7.00	10.00	8.00	6.80	11.00	6.60	
TOTALS ...	90.82	60.05	61.44	81.09	44.40	57.78	64.20	59.00	63.70	74.50	
	M	M	M	M	M	M	M	M	M	M	RENNING

1952 Multi open 5 in gauge  
1956 Feb + March app. by 1103.Ins. J Shaw 9.60 G. Sound. T.W. is in run in flow  
NE 600' to hollow where T.W. can be dispensed  
with.

70004 60030

70004 30014 70004

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference NT(36) 152/99

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
	✓	✓	✓ ap 35.936	✓	
	- D18	-	-	-	-