

**RAINFALL AT** *Source of Tweed Meggethead V*

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

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

*Tweed, Bank - 1.*

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

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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.

Tweed, Ettrick - 2.

Diameter .....										5	
Height .....										1 3	
Altitude .....										1196 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 1.93
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. V. 28.XI.1913.

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

Lat. .... Rain Gauge, by .... Lou. .... County of Selkirk.

Observer W.F. Anderson Esq.  
W.A. Watt Esq. C.L.  
Tweed, Strode - 2.

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 .....	.57	2.92	3.45	19.93	4.80	9.03	2.05	4.44	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	7.42	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	6.80	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	(7.10)	
TOTALS .....	63.61	40.19	45.49	82.95	55.38	48.59	45.07	50.89	45.89	(61.85)	53.941

1909. The amounts 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	{ May	2.60	{ Sept.	2.70
	Feb.	1.70	{ June	2.75	{ Oct.	10.60
	Mar.	3.70	{ July	5.60	{ Nov.	2.90
	Apr.	3.05	{ July	3.10	{ Dec.	5.10

Year 48.85

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

## RAINFALL AT Meggat Water (Farmillodge)

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

Rain Gauge, by N. G. F. Indo Observer Mr. A. Lion, Esq.  
Clunie Waterfoot  
2nd District - 2.

Diameter ...						5					
Height ....						0 4					
Altitude ...							1000				1005
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January .....											
February .....							7.16	2.42	5.60	5.58	
March .....							2.92	4.20	4.08	2.38	
April .....							3.67	4.32	7.72	6.50	
May .....							2.15	2.31	2.05	3.26	
June .....							6.57	5.56	2.46	2.70	
July .....							2.12	5.44	2.85	2.37	
August .....							2.85	3.25	2.37	4.86	
September .....							5.84	8.60	5.65	4.96	3.02
October .....							2.91	1.25	1.07	5.75	3.46
November .....							3.94	8.79	8.69	1.77	10.41
December .....							5.89	4.92	4.40	3.95	2.09
TOTALS .....							3.30	4.01	6.41	2.32	5.76
							55.01	53.72	45.88	52.39	

m ~ ~ ~ ~

1905 Meggarburn 1/2 Mile SE  
 Innerleathen Platow 16 " NE  
 Wood 35 ft high 50 yards SW  
 Burn 20 " " W

## RAINFALL at Meggat Head, Edinburgh M.R. No.1.

County of Selkirk Observer Messrs. Leslie & Reid C.B.  
Strickly &c. W. A. Tait  
 River Basin Tweed - Right bank trib.

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

Diameter ...	5											
Height .....	1	3										
Altitude ...	1496 ft											
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	4873	
February ...	6.50	3.35	4.65	4.00	8.50	13.00	6.10	1.40	7.90	1.35	5681	
March .....	8.02	1.19	6.60	6.60	8.75	2.24	7.10	2.30	2.50	3.99	4929	
April .....	4.97	4.80	7.0	7.20	3.70	3.45	3.40	2.50	.95	5.70	3737	
May .....	1.90	4.10	1.30	1.25	3.55	1.90	5.15	3.60	2.96	.25	2596	
June .....	1.80	2.90	7.60	3.70	3.13	1.30	2.90	3.60	1.29	2.40	3062	
July .....	5.50	1.90	4.30	8.0	2.95	4.90	4.10	2.20	3.98	1.12	3175	
August .....	7.93	3.45	5.20	1.75	4.20	3.04	4.30	8.30	3.28	4.30	4575	
September ..	1.10	2.00	2.70	3.10	2.50	1.80	2.60	3.10	8.24	3.70	3084	
October ...	4.10	3.85	4.50	4.80	2.60	2.80	7.50	8.50	9.60	2.60	5085	
November ..	3.05	6.60	3.70	6.20	6.10	3.25	8.50	6.80	6.23	4.90	5553	
December ...	6.15	9.50	10.50	4.10	11.06	11.20	5.70	2.00	5.53	10.57	7625	
TOTALS ...	54.82	46.54	56.90	51.60	62.38	52.44	64.45	46.80	58.36	45.26	53955	

1915. Feb'yd March divided by observer.

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

RAINFALL at Meggat Water, Bramall Lodge

County of Selkirk Observer Mr. A. Sim  
Estrick & C. 2 m. B. S. Allan (1914)  
River Basin Tweed Right Blanktributary  
Rain Gauge, by Newton  
G. MacLean (16)

Diameter .....	5									
Height .....	0 4									
Altitude .....	1005	不								
Year .....	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
										MEANS.
January .....	3.95	2.98	4.08	6.40	3.09	3.04 2.96	6.38			
February .....	6.50	5.90	4.07	3.85	7.03	7.41 7.34	4.36			
March .....	4.37	2.42	5.58	6.46	6.54	1.05 1.20	2.92			
April .....	4.44	4.86	1.09	6.25	2.81	1.39 1.53	3.30			
May .....	2.03	3.11	1.32	3.70	2.62	1.11 1.06	4.43			
June .....	2.61	3.06	6.74	3.35	2.29	4.03 4.06	2.63			
July .....	5.29	1.37	3.68	8.0	9.04	3.72 4.06	5.04			
August .....	8.00	2.68	4.94	1.67	3.34	3.62 1.22	4.74			
September .....	.82	1.83	3.11	2.63	2.18	1.42 1.42	2.00			
October .....	4.53	4.16	4.50	4.60	1.88	2.64 2.42				
November .....	3.09	7.81	4.17	7.11	8.57	2.39 7.01				
December .....	5.56	8.91	9.28	3.48	(10.06)	5.40 5.40				
TOTALS .....	51.19	49.09	52.56	50.30	(52.41)	34.93 36.57				

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

1915 Cont Hwy W.D. 14 XII 17

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Inverleithen	16 miles	NE.	Megget District	600 yds	E.

## RAINFALL at Edinburgh Waterworks (Mossend) 1.

County of Lelkirk Observer Wm. Leslie Reid, C.E.River Basin 2 Miles E.C.

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

Diameter ...	<u>5</u>									<u>8</u>	
Height .....	<u>1.3</u>										
Altitude ...	<u>1496</u>										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M.EANS.
January	<u>7.48</u>	11.18	(3.60)	<u>3.80</u>	5.60	(6.15)	7.95	9.23	12.90	<u>3.10</u>	<u>9.45</u>
February	<u>6.82</u>	6.4	(4.00)	<u>10.90</u>	80	(5.35)	4.82	2.70	2.50	<u>1.90</u>	.86
March	<u>9.50</u>	10.99	4.21	<u>3.35</u>	1.00	(2.10)	(3.15)	4.37	5.27	<u>.53</u>	<u>3.97</u>
April	<u>2.19</u>	1.23	4.61	<u>4.60</u>	4.07	4.82	2.83	3.40	1.70	<u>1.70</u>	2.10
May	<u>6.78</u>	1.49	1.73	<u>2.75</u>	5.65	7.92	4.17	2.46	2.04	<u>5.22</u>	1.60
June	<u>1.45</u>	.42	1.80	<u>1.75</u>	1.10	.52	4.94	4.60	6.00	<u>1.94</u>	2.85
July	<u>5.83</u>	4.16	5.58	<u>4.75</u>	5.18	1.79	4.10	4.89	3.36	<u>3.46</u>	5.30
August	<u>5.13</u>	5.05	2.58	<u>8.90</u>	5.83	4.90	4.53	7.84	8.90	<u>4.93</u>	8.07
September	<u>2.71</u>	2.00	2.40	7.98	5.63	<u>3.53</u>	5.21	7.50	2.94	<u>1.00</u>	4.92
October	<u>3.22</u>	4.35	4.10	9.18	2.27	6.34	(3.30)	7.04	12.00	<u>5.10</u>	8.90
November	<u>4.442</u>	3.05	3.70	<u>5.95</u>	3.32	2.60	7.94	4.91	7.45	<u>7.90</u>	4.10
December	<u>5.83</u>	7.20	5.90	<u>4.90</u>	11.45	4.11	1.74	2.30	4.95	<u>11.10</u>	4.70
TOTALS	<u>(62.36)</u>	51.66	44.21	<u>68.8</u>	51.90	(50.13)	(54.68)	61.24	70.01	<u>47.88?</u>	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. Painted with?

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 Edinburgh WW (Megget Head) No 1

County of SelkirkObserver James Scott & Reid, Esq.

River Basin 2 - Tweed - Ettrick &amp;c.

Edinburgh Water Engineer

Type of Gauge.

Annual Average 5.4 in. based on 32 years obs. un-weighted. Period of average 1921-1940 Ref. 5

Diameter	8"									5"	
Height	1' 3"					1.6					
Altitude	14296'										
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	7.23
February	3.17	2.25	(3.80)	1.14	4.20	5.70	2.05	4.21	10.52	2.16	3.620
March	1.24	3.15	4.23	5.30	2.30	4.25	1.00	4.12	6.73	5.60	3.795
April	3.44	4.02	2.90	5.02	4.25	1.80	3.48	.78	3.00	4.33	3.302
May	5.24	3.45	2.27	4.12	.83	.60	2.58	7.08	1.50	1.70	2.937
June	7.15	2.50	1.56	2.00	3.55	3.86	2.80	9.48	4.42	1.70	3.902
July	5.20	8.06	3.90	4.70	1.45	5.07	3.65	6.43	5.82	8.30	5.257
August	3.73	1.80	1.62	8.50	2.30	3.05	8.87	2.82	2.52	2.83	3.304
September	1.27	5.50	1.80	8.05	4.70	3.95	3.97	5.32	2.38	6.00	4.244
October	4.54	7.50	4.42	7.50	4.90	5.35	6.22	10.62	4.28	6.62	6.185
November	12.75	2.65	3.85	2.40	6.10	5.30	1.38	14.38	10.38	7.87	6.646
December	4.33	12.50	1.10	12.65	4.80	10.23	3.73	6.90	2.80	(6.80)	6.484
TOTALS	55.90	64.17	(38.45)	72.98	+2.08	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 snows.

1935 Loss up.

1936 Same up. There were 1" high 6 ft. Sides + nine times 4" high 12' are round.

Inspected 4.6.1937. 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 std. 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	Parish Church.	Distance from gauge
1936			Broughton	14.5 mi. N.E.		Geddesmuir	6.2 mi. N.

Station No. 5062

## RAINFALL at Edinburgh W.W. (Megget Head) No. 1. 41

County of Selkirk Observer Edinburgh Water Engineer

River Basin Tweed - Ettrick &amp; C.

Type of Gauge Special

Annual Average 5062 in. based on 32 years obs. yr-weighted. Period of average 1881 - 1915 Ref. S

Average no longer applies. Record number 10.5149

File No.

Diameter	8"				909	767				
Height	1' 6"						1			
Altitude	1496						44			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
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	7.50	(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	3.48	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)	5.15	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	(1.50)	3.70	7.82	5.20	6.08	3.32	(1.89)	10.93	(3.95)
TOTALS	(4866)	(6385)	69.96	58.98	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 apportioned + Feb add. 60000 30000 40000 150 Jan, Feb + Dec add by Eng.

Sept + wire fence 4' 6" high 12' S + W.

1942 Jan - Mar app. Mar add. Dec add. with Jan '43.

1944 Feb + Mar app.

1945 Jan + Feb off. 1946 Feb + March apportioned.

1947 Jan - May app. Mar (Minimum app. 8.00, 3.20, 7.25).

1948 Dec app. Jan 14.8 by Eng.

1949 Jan 14.8 by Eng.

1950 Jan 10.04 10.04 30000

200ft 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	14½ miles	N.E.	Tweedsmuir	6½ miles	N.

Station No. 5062

## RAINFALL at Edinburgh W.W. (Megget Head)

51

County of Selkirk

Observer Edinburgh Water Engineer

River Basin Tweed - Ettrick &amp; C

Type of Gauge Octapent 1/4 in. 10.57844<sup>5</sup>

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref.  
 " 6830 " 14 " within 1943-58. " " " " " S  
 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	104	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	(7.08)	10.00	8.00	6.80	11.00	6.60	
TOTALS	90.82	60.05	61.44	(81.09)	46.40	57.78	64.20	59.00	63.70	74.50	
	M	M	M	M	M	M	M	M	M	M	GNNW-GNG

1952 Month opp beginning

1956 Feb + March app. by 1103.

Ins. J. Show 9.60. G. Sound. T.W. is in ruins. More  
NE 100' to hollow where T.W. can be dispensed with.

70004 60030 70004 30014 70004

X X X X X X X X X X X

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference NT(36) 152199

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

Summary of Earlier Records from 10-year Sheets :

approx. about 1937 (10-in.) Aug 1956

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓ np 35,936	✓	
	- D18	-	-	-	