

RAINFALL AT Ravenscraig Edinburgh W.W. No. 3

Lat.

Lon.

County of Peebles

Rain Gauge, by

Observer W. A. Tait Esq. C.E.

Sweed, R. bank - 1

Diameter										5	
Height									1 3		
Altitude									2258 ft		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									3.80 (2.32)	5.23 (7.77)	
February									4.38 (5.83)	(3.65) (4.79)	
March									5.81	6.95 (1.75) 5.70	
April									2.45	5.05 6.82 5.52	
May									(.75)	3.76 2.87 4.81	
June									5.25	4.46 5.31 2.57	
July									7.45	4.45 1.75 5.70	
August									4.10	13.30 9.77 2.42	
September									8.97	5.68 6.39 6.40	
October									4.54	4.88 7.06 7.01	
November									2.24	7.40 8.50 12.72	
December									8.15	12.89 11.75 2.66	
TOTALS									57.89	76.97 70.85 68.07	

1896 May. G. tampered with. Total is average of 6 other gg.

1897 Jan.-Feb. } G. frozen. Total divided proportionally
1898 Feb.-Mar. } by the average of remaining gg.
1899 Jan.-Feb. }

1896-97. Monthly totals entered from P. Y. 28. XI. 1913

RAINFALL AT Ravenscraig Edinburgh W.W. No. 3

Lat. Lon. County of Peebles

Rain Gauge, by
Tweed, Upper R. bank - 1.

Observer D. Anderson Esq.
W.A. Tait Esq. J.C.H.

Diameter ..				5							
Height ..				1.3							
Altitude ..				2258±							
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.56	3.80	6.33	6.85	(6.37)	2.19	9.45	2.20	4.98	(4.33)	
February ..	1.64	2.38	1.87	7.76	(4.00)	(2.01)	2.28	3.57	(3.50)	1.98	
March ..	.17	2.37	4.05	14.60	(4.16)	(6.39)	3.68	5.25	(7.60)	(6.43)	
April ..	3.29	4.63	4.00	1.05	(5.71)	5.71	1.82	(3.35)	(2.04)	(4.49)	
May ..	6.25	2.98	2.61	4.33	4.90	5.80	5.42	7.00	4.01	(4.13)	
June ..	7.85	5.73	1.88	3.42	6.43	1.42	3.40	11.48	5.88	3.28	
July ..	5.45	1.98	4.77	6.83	7.05	5.96	5.31	5.50	5.74	6.21	
August ..	7.05	5.37	4.67	10.18	8.02	7.50	11.31	9.61	7.32	5.18	
September ..	7.33	10.50	4.07	5.85	6.64	4.10	2.51	.98	12.11	3.56	
October ..	8.75	8.88	5.10	14.72	4.68	(4.35)	9.71	14.00	3.64	16.67	
November ..	5.83	4.38	7.20	3.82	2.71	5.98	4.04	6.21	5.70	3.62	
December ..	16.14	5.18	8.04	5.17	6.70	5.69	2.99	8.00	(3.96)	(7.87)	
TOTALS ..	75.61	58.18	54.59	(84.58)	67.37	57.10	61.95	(77.15)	(66.48)	(70.75)	67.37

1896-1902. Monthly totals entered from P.Y. 28. XI. 1913.

1903 November & December amounts computed

1904 Jan.-April Gauge frozen. The months are divided in the proportion of average of other gauges.

1905 Feb. & March Gauge frozen + computed at end of March + amounts divided in proportion of average of other gauges

Oct. Gauge tampered with + computed from avg. other gauge

1906 Feb. & March Gauge frozen + divided proportionately in accordance with average of the other gauges

1907 April Gauge tampered with. amount estimated

1908 Gauge frozen to end of April + divided in accordance with the average of other gauges.

1909. The Trustees of Edinburgh W.W. refused to accept our revised figures and the orig. total was printed with a query (63.25?)
Orig. fig were Jan. 5.83 Apr. 3.49 Dec. 5.87
Rev. fig were Mar. 6.43 May 3.13 Year 63.25

RAINFALL at Ravenscraig, Edinburgh W.W. No. 3.

County of Peebles

Observer Messrs Leslie & Reid C.E.

River Basin ^{Upper} Tweed right bank trib. 1

W. A. Tait

Rain Gauge, by

Diameter ...	5										
Height	1	3									
Altitude ...	2258	ft									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	(4.38)	(3.93)	5.90	(9.04)	5.80	14.11	17.56	3.06	8.90	6.07	68.75
February ...	(8.15)	(6.15)	5.34	(5.01)	12.36	12.60	5.90	3.20	11.74	1.13	71.58
March	7.40	(2.53)	8.09	8.81	9.88	2.01	5.12	2.50	3.46	3.72	53.52
April	6.45	(6.88)	1.12	7.72	4.67	3.65	7.92	4.15	.80	4.50	47.86
May	3.26	4.38	2.88	5.80	4.70	1.56	6.10	6.10	5.20	2.57	42.55
June.....	2.82	4.24	5.64	4.89	3.15	2.24	5.02	5.60	3.30	3.80	40.70
July	8.06	3.86	6.12	.46	5.06	8.81	6.09	3.10	5.80	2.10	49.46
August.....	12.74	6.32	6.66	3.43	8.85	4.08	6.08	13.00	4.20	7.80	73.16
September ..	1.52	2.90	4.48	3.71	4.34	3.23	4.50	10.05	11.65	8.45	54.83
October ...	4.23	4.95	6.86	7.37	4.02	3.62	13.60	11.60	16.80	3.15	76.00
November ..	(2.74)	8.49	4.99	8.25	10.80	3.24	11.01	10.40	7.00	5.76	42.67
December ...	(6.23)	11.11	15.89	(5.73)	13.16	11.30	7.10	4.00	11.20	10.89	96.61
TOTALS ...	(67.98)	65.74	73.97	70.22	86.70	60.45	95.90	76.66	90.05	59.93	747.69

1910. Frozen Jan. Feb. Nov. & Dec. After employing the average was computed from other 99.
 1911. " Jan. & Mar. Employed Feb. & April. - - - - - ditto - - - - -
 1915 Frozen at end of Dec - divided by 60.00.

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

RAINFALL at Edinlorth Waterworks (Ravenscraig) 3County of Peebles. Observer Messrs Leslie Reid, Esq.River Basin Tweed, Upper - Right bank trib. 1.

Rain Gauge, by

M

Diameter ...	5	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
Height	1.3											
Altitude	2258											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January	6.70	14.67	(6.00)	7.00	7.90	5.61	12.44	9.00	14.50	3.94	11.00	x
February	8.25	1.73	(8.70)	8.15	1.30	3.15?	7.78	3.14	5.50	2.60	1.20	x
March	9.45	14.98	(6.30)	4.00	1.50	2.05	3.00	6.14	8.00	2.10	4.90	x
April	6.75	2.09	(5.60)	3.80	5.90	7.95	5.50	4.02	2.32	2.23	3.79	
May	9.96	5.42	4.20	3.30	7.33	11.50	6.97	3.77	2.08	6.18	4.02	
June	2.06	1.40	5.10	2.10	5.53	1.13	6.93	7.24	9.54	3.89	5.49	
July	9.82	8.50	10.20	8.95	9.50	3.40	6.65	6.74	6.70	8.45	7.75	
August	8.71	10.30	7.40	14.05	10.47	5.65	9.87	7.50	11.97	7.94	12.00	
September	4.58	2.30	4.80	9.10	9.53	3.60	7.41	7.43	7.40	2.00	9.20	
October	4.04	4.50	6.40	12.35	7.50	10.73	7.00	11.19	15.40	9.20	18.07	
November	6.91	4.10	4.45	6.15	7.05	3.10	10.10	6.20	12.74	14.04	8.30	
December	8.52	10.90	8.20	7.40	18.54	5.30	4.00	2.75	6.00	12.40	8.31	
TOTALS	(8.76)	80.89	77.35	86.85	92.05	63.17	87.65	74.12	102.15	74.87	(9453)	

1922, Jan - April proportioned.

1930, Jan, Feb & March frozen. "average taken."

Site inspected by A. Glaspole 19.9.29.

Position of Station on reduced Ordnance Survey } No. of Map _____

Reference No. _____

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

RAINFALL at Edinburgh W.W. (Ravenscraig) No. 2.

(County of) Tweed, Upper, Right Bank Observer Messrs Sealy & Reid, G.E.
 (River Basin) Peebles

Edinburghshire Water Engineer (1937)

Type of Gauge.

Annual Average 72.7 in. based on 33 years obs. un-weighted. Period of average 1911-1937 Ref.

* deleted as no longer appropriate 6/36.

Diameter	5"				8				5		
Height	1' 3"				1.6						
Altitude	2258'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.45	14.44	11.60	14.28	5.28	7.67	11.77	14.58	11.24	2.05	99.36
February	4.50	4.47	4.50	3.31	9.20	5.18	6.00	7.24	10.70	2.45	50.55
March	(3.50) 4.00	6.50	5.40	7.11	3.95	4.00	3.10	2.05	7.40	7.00	50.31
April	4.96	6.18	5.00	7.30	6.52	2.00	5.57	1.61	4.38	3.94	47.46
May	8.50	4.74	2.95	7.07	1.30	1.18	3.45	14.13	1.53	2.87	47.72
June	11.70	3.10	3.47	4.28	8.70	5.48	5.00	13.02	6.72	(2.50)	64.00
July	9.46	13.82	5.75	5.87	4.82	9.48	7.00	11.24	11.38	10.85	89.67
August	4.60	3.52	6.60	10.20	6.15	7.42	5.69	4.52	2.72	4.90	56.32
September	2.34	8.36	2.25	12.95	12.50	7.67	5.30	9.12	4.30	7.52	72.90
October	8.10	11.85	5.00	13.36	13.73	10.33	5.97	12.65	4.63	7.88	93.70
November	16.10	8.15	3.30	4.24	8.20	6.35	2.33	18.14	14.12	9.50	90.43
December	8.50	15.90	1.90	14.00	5.20	15.95	4.20	8.12	(3.00)	(7.50)	84.27
TOTALS	88.71 M	69.21 M	97.05 M	58.02 M	100.97 M	85.55 M	82.91 M	65.38 M	116.42 M	(82.12) (68.96)	84609 M

1931-32 March adjusted for drifting snow

1932-33 found in the looking glass 1933

1936 Drifted off at 11' 6" high 15 yrs. S. E. W.

1940 June and 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	18 mi. N.E.		Sweedonmore	9 mi. N.

Station No. 5067

RAINFALL at Edinburgh W.W. (Ravenscraig) Nos. (1950) 41

County of Peebles. Observer Edinburgh Water Engineer.

River Basin Tweed, Upper, Right Bank.

Type of Gauge.

Annual Average 8.1 lin. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. T.W.S.

File No.

Diameter	8"			905	304					
Height	1' 6"				1					
Altitude	2258				41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	(3.00)	(6.00)	12.32	9.65	(5.50)	8.50	(8.60)	12.73	10.43	6.26
February	(6.50)	(2.50)	7.00	(2.92)	(8.50)	(4.30)	(3.20)	(10.00)	11.00	(12.23)
March	(4.60)	(3.16)	1.61	(0.90)	6.14	(5.22)	(8.00)	(9.32)	4.00	(11.34)
April	(3.50)	6.82	3.63	4.41	(4.00)	2.95	(2.97)	5.47	10.69	8.79
May	6.42	8.14	5.43	3.60	(6.60)	1.44	4.92	3.45	5.11	2.92
June	1.80	1.85	7.35	5.35	8.15	8.74	7.73	10.00	2.95	7.35
July	6.24	7.67	4.39	3.30	5.45	9.52	5.42	7.82	4.58	10.43
August	11.50	13.13	(11.00)	6.45	3.10	8.35	-14	13.00	8.23	12.34
September	5.50	10.72	7.35	7.32	12.74	13.95	9.24	12.52	4.97	17.83
October	7.98	6.31	16.41	5.45	9.50	1.50	4.03	10.30	10.80	9.34
November	10.60	3.61	4.34	8.05	1.25	14.98	13.00	7.79	10.47	(9.60)
December	6.68	(3.70)	9.15	(9.00)	(7.00)	5.15	5.23	(7.38)	17.82	(4.10)
TOTALS	74.32	(83.61)	83.98	66.40	77.93	84.60	82.38	119.78	101.05	112.53
M	M	M	M	M	M	M	M	M	M	M

1941 Jan-April aff. & Pt. estd.
Drystone Dyke 4 6° high 15 yds S.W.

1942 Jan-Mar aff. Dec est'd.

1944 Feb. & Mar aff. Dec est'd.

1945 Jan & Feb. & April & May aff. Dec. est'd.

1946 Feb. and March approximated

1947 Jan-April 10.03. 1948. 1st/mar. 100 m.s.e. Dec. app. with Sim's 149 big engines. Point with quarry (probable).

1950 Jan, Feb, Mar, Apr by Engineer

(Average 8.1) recorded 1946 00.204 30012 66014

Big

30000 14004 30014 40004 30020

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	Parish Church.	Distance from gauge.	Direction
1941	54 00 4	4 00 4	Broughton	18 ml	NE	Tweedsmuir	9 ml	N.

Station No. 5067

RAINFALL at 6 Edinburgh W.W. (Ravenscraig)

51

County of Peebles Observer Edinburgh Water Engineer

River Basin Tweed Upper Right Bank

Type of Gauge Octagonal II.A. 100000ths

Annual Average 81.1 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S.
 " 86.29 " " 35 " within 1916-58. " " " 1916-50 " " File No. S.

123 35

Diameter	8"	5"	905	304	(8"?)						
Height	1' 6"				1						
Altitude	2258'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	(10.40)	10.50 (3.00)	(7.56)	8.30	(5.85)	13.80	12.80	4.60	10.00		
February	(9.00)	2.50	4.27	(4.00)	(3.50)	(2.80)	5.90	6.50	4.10	10.50	
March	(8.00)	6.80	1.47	(1.50)	(3.62)	(4.22)	9.00	2.90	7.00	4.80	
April	(8.70)	7.80	4.75	2.00	(1.68)	1.90	5.70	3.30	8.30	8.70	
May	3.43	3.72	5.25	7.80	6.70	6.50	4.00	4.80	2.80	4.80	
June	4.43	4.91	3.52	9.04	6.00	6.80	4.20	4.90	4.50	4.90	
July	7.00	5.38	15.50	8.53	4.20	9.70	6.50	7.00	6.90	8.00	
August	13.28 (7.50)	8.01	9.20	2.70	10.20	9.50	8.10	2.30	6.30		
September	11.80	3.87	11.04	13.52	8.70	8.30	7.00	2.30	5.70		
October	1.49	8.94	6.51	18.20	6.10	7.10	11.70	6.10	10.00	7.00	
November	19.83	7.40	15.02	13.52	4.40	3.80	5.70	2.90	18.50	13.10	
December	19.33	1.60	9.53	12.04	(10.53)	13.90	11.20	6.90	12.80	5.80	
TOTALS	(116.69)	78.92	87.87	117.85	66.43	80.07	93.20	73.20	84.10	89.60	
	n.p.	n.p.	n.p.	M	M	M	M	M	M	M	

1951. n.p. high 40004 70004 34014 40004

1952. n.p. big. Now dec app.

1953. n.p. high M.O. will consider possible action (note re Gen Tables series).

1954. Jan + March est by 100% (app. off) by 10%. Dec. est. by engineer.

1956 Jan - Mar app by high.

1957 high does not agree 1st (1.90). Not a logo app Oct 11.70 2nd try.Ins. 9.00 J. Shaw. P. sound. Fairly good site for hill g. T.W. needs re-building
slightly sole CNE

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NT(58)142/140

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
74046 00234						

Summary of Earlier Records from 10-year Sheets :

Beg 1911-50

JULY

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
	/	/	/	/	✓ n.p h 50
	-	-	-	-	-