

RAINFALL AT Ravenscraig Edinburgh W.W. No. 3

Lat. _____ Lon. _____ County of Peebles

Rain Gauge, by _____ Observer W. A. Tait Esq. & Co.
Tweed, 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. 9. Lamped with. Total is average of 6 other yg.
 1897 Jan.-Feb. }
 1898 Feb.-Mar. } Es. frozen. Total divided proportionally
 1899 Jan.-Feb. } by the average of remaining yg.

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

RAINFALL AT *Ravenscraig, Edinburgh W.W. No 3*

Lat. Lon. County of *Peebles*

Rain Gauge, by *S. Anderson Esq* Observer.
W.A. Tait Esq Ch.
Wined, upper R. bank - 1.

Diameter ..				5							
Height				1.3							
Altitude ..				2258 ft							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..	5.56	3.80	6.33	6.85	(6.37)	2.19	9.45	2.20	(4.98)	(7.33)	
March ..	1.64	2.38	1.87	7.76	(4.00)	(2.01)	2.28	3.57	(3.50)	1.98	
April ..	1.7	2.37	4.05	14.60	(4.16)	(6.39)	3.68	5.25	(7.60)	(6.43)	
May ..	3.29	4.63	4.00	1.05	(5.71)	5.71	1.82	(3.35)	(2.04)	(4.49)	
June ..	6.25	2.98	2.61	4.33	4.90	5.80	5.42	7.00	4.01	(4.13)	
July ..	7.85	5.73	1.88	3.42	6.43	1.42	3.43	11.45	5.88	3.28	
August ..	5.75	1.98	4.77	6.83	7.05	5.96	5.31	5.50	5.74	6.21	
September ..	7.05	5.37	4.67	10.18	8.02	7.50	11.31	9.61	7.32	5.18	
October ..	7.33	10.50	4.07	5.85	6.64	4.10	2.51	.98	12.11	3.56	
November ..	8.75	8.88	5.10	14.72	4.68	(4.35)	9.71	14.00	3.64	16.67	
December ..	5.83	4.38	7.20	2.82	2.71	5.98	4.04	6.21	5.70	3.62	
TOTALS ..	75.61	58.18	54.59	(84.58)	67.37	57.10	61.95	(77.15)	(66.48)	(70.75)	67.27

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 the 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 av. of other gauges

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. figs were Jan. 5.83 Apr. 3.49 Dec. 5.87
Mar. 6.43 May 3.13 Year 63.25

RAINFALL at Ravensraig, Edinburgh W.W. No. 3.County of PeeblesObserver Messrs Leslie & Reid C.E.
W. A. LaithRiver Basin ^{Upper} Twined right bank tribs. 1

Rain Gauge, by _____

Diameter ...	5										
Height	1	3									
Altitude ...	2258	8									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	(4.38)	(3.93)	5.90	(9.04)	5.80	4.11	17.56	3.06	8.90	6.07	6875
February ...	(8.15)	(6.15)	5.34	(5.01)	12.36	12.60	6.90	3.20	11.74	1.13	7158
March	7.40	(2.53)	8.09	8.81	9.88	2.01	5.12	2.50	3.46	3.72	5352
April	6.45	(6.88)	1.12	7.72	4.67	3.65	7.92	4.15	8.0	4.50	4786
May	3.26	4.38	2.88	5.80	4.70	1.56	6.10	6.10	5.20	2.57	4255
June	2.82	4.24	5.64	4.89	3.15	2.24	5.02	6.60	3.30	3.80	4070
July	8.06	3.86	6.12	4.6	5.06	8.81	6.09	3.10	5.80	2.10	4946
August	12.74	6.32	6.66	3.43	8.85	4.08	6.08	13.00	4.20	7.80	7316
September ...	1.52	2.90	4.48	3.71	4.34	3.23	4.50	10.05	11.65	8.45	5483
October ...	4.23	4.95	6.86	7.37	4.02	3.62	13.50	11.50	16.80	3.15	7600
November ...	(2.74)	8.49	4.99	8.25	10.80	3.24	11.01	10.40	7.00	5.75	7267
December ...	(6.23)	11.11	15.89	(5.73)	13.16	11.30	7.10	4.00	11.20	10.89	9661
TOTALS ...	(67.98)	65.74	73.97	70.22	86.79	60.45	95.90	76.66	90.05	59.93	74769

1910. Frozen Jan. Feb. Nov. & Dec. After emptying the average was computed from other 99.
 1911. " Jan. & Mar. Empty Feb. & April. - - - ditto - - - -
 1915 Frozen at end of Dec - divided by 60.

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

RAINFALL at *Edinburgh Waterworks (Ravensraig)* 3County of *Peebles*, Observer *Wm. Leslie Reid, Esq.*River Basin *Tweed Upper - Right bank trib. 1.*

Rain Gauge, by _____

M

Diameter ...	5											
Height	1.3											
Altitude	2258											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MEANS.
January ...	7.70	14.67	(6.00)	7.00	7.90	5.61	12.44	8.00	14.50	3.94	11.00	*
February ...	8.25	1.73	(8.70)	8.15	1.30	3.15	7.78	3.14	5.50	2.60	1.20	*
March	9.45	14.98	(6.30)	4.00	1.50	2.05	3.00	6.14	8.00	2.10	4.90	*
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	3.06	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	12.60	
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)	10.89	77.35	86.85	92.05	63.17	97.65	74.12	102.15	76.87	(94.53)		

1922 Jan - April proportioned.

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

Site inspected by D. Glaspoole 19.9.29.

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

Reference No. _____

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

RAINFALL at Edinburgh W.W. (Ravensraig) N° 3.

County of West Lothian Right Bank Observer Messrs Leslie & Reid, C.E.
River Basin Peffer Edinburgh Water Engineer (1937)

Type of Gauge.....

Annual Average 17.6 in. based on 33 years obs. un-weighted. Period of average 1881-1913 Ref.....

* selected 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	9936
February	4.50	4.7	4.50	31	9.20	5.18	6.00	7.24	10.70	2.45	5055
March	4.00 (3.50)	6.50	5.70	7.11	3.95	4.00	3.10	2.05	7.40	7.00	5031
April	4.96	6.18	5.00	7.30	6.52	2.00	5.57	1.61	4.38	3.94	4746
May	8.50	4.74	2.95	7.07	1.30	1.18	3.45	14.13	1.53	2.97	4772
June	11.70	3.13	3.47	4.28	8.70	5.48	5.00	13.02	6.72	(2.50)	6400
July	9.46	13.82	5.75	5.87	4.82	9.48	7.00	11.24	11.38	10.85	8967
August	4.60	3.52	6.60	10.20	6.15	7.42	5.69	4.52	2.72	4.90	5632
September	2.34	8.35	2.25	12.95	12.50	7.67	5.30	9.12	4.30	7.52	7230
October	8.10	11.85	5.00	13.36	13.73	10.53	5.97	12.65	4.63	7.88	9370
November	16.10	8.15	3.30	4.24	8.20	6.35	2.33	18.14	14.12	9.30	3043
December	8.50	15.90	1.90	14.00	5.20	15.95	4.20	8.12	(3.00)	(7.50)	8427
TOTALS	88.71 54.21 M	97.05 M	58.02 M	100.97	86.55 M	82.91 M	65.38 M	116.42	(82.12) M	(68.96) M	84609

1931. 1/2. March adjusted for difference
1936. Oyston D. for 4' 6" high 157 ft. S.W.
1940 June and Dec abd. from nearby stations.

W.P.

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
1936			Broughton	18 mi.	N.E.	Sweetnam	9 mi.	N.

Station No.

5067

RAINFALL at Edinburgh W.W. (Ravensraig) No. 3 41County of Peebles Observer Edinburgh Water Engineer.River Basin 1-Tweed, Upper, Right Bank.Type of Gauge StandardAnnual Average 81.1 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. J.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	Means
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	(13.70)	3.15	(9.00)	(7.00)	5.15	5.23	(17.38)	17.82	(4.10)	
TOTALS	74.32	(83.61)	83.98	66.40	77.93	84.60	82.38	114.78	101.05	112.53	
	M	M	M	M	M	M	M	M	M	M	

1941 Jan-April aff. & Ft. est'd.
Drystone Dyke 4'6" high 10 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 aff. 103.

1948 Jan-Mar. app. 105.6. Dec. app. with Jan-Mar. 49 by engine. Print with query (may be big).

1950 Jan, Dec. not aff. by engine

(Average 81.1) Yearly 1941 00204 30012 64014

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	74 00.4	7 00.1 E	Broughton	18 mi	NE	Tweedmouth	9 mi	N.

BRITISH RAINFALL ORGANIZATION

RAINFALL at Edinburgh W.W. (Ravenscroft) Station No. 5067 51County of Perth Observer Edinburgh Water EngineerRiver Basin 1 - Inland Upper Right BankType of Gauge Ordinary T.A. 4.052105Annual Average 31.1 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S." 85.29 " " 35 " " within 1916-58 " " 1916-50 " S.

123 305

File No.

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 ...	(10.49)	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	(7.50)	(3.62)	(4.22)	9.00	2.90	7.00	4.80	
April ...	(8.70)	7.80	4.75	2.00	(1.62)	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	8.50	8.10	2.30	6.30	
September ...	11.80	3.87	11.04	13.52	8.70	8.30	7.00	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	15.42	13.52	4.40	3.80	5.70	2.90	18.50	13.10	
December ...	19.33	4.60	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

1952. n.p. big. Nov-Dec app.

1953. n.p. high M.O. Edin. will consider possible action (note re Gen Table request).

1955 Feb. 4 March ext by 1103 (pl. aff by 108. Dec. ext. by engineer.

1956 Jan - Max app by Eng.

1957 Eng. does not agree Feb (1.90). Note 1090 app Oct 11.70 2" to high.

Ins. 9.00 J. Shaw. B. 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(56)142140

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
	54004	00234				

Summary of Earlier Records from 10-year Sheets :

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