

RAINFALL AT *Quarter Hill, Edinburgh W.W. No. 7a*

Lat.

Lon.

County of *Peebles*

Rain Gauge, by

Observer *W. A. Tait Esq. Cl.*

Twedd, Rank - 1.

Diameter							5				
Height							1	3			
Altitude							1196	7			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							2.49	1.85	3.06	5.39	
February							2.39	3.56	3.42	4.41	
March							5.59	6.75	1.83	4.42	
April							1.98	3.36	4.23	(4.25)	
May75	2.31	2.85	3.55	
June							3.98	5.19	2.97	1.20	
July							5.07	3.56	1.81	3.63	
August							2.70	6.96	5.10	2.15	
September....							5.20	4.05	4.32	5.67	
October.....							5.00	3.15	6.28	4.32	
November....							1.69	4.21	5.84	10.18	
December							6.15	9.18	7.62	2.69	
TOTALS . . .							42.99	54.13	49.33	51.86	

'96-'02 Monthly totals entered from P.V. 28. XI. 1913.

1899 April. G. tampered with.

RAINFALL AT Quarrier Hill, Edinburgh W.W. No. 7

Lat. _____

Lon. _____

 County of Peebles

Rain Gauge, by _____

 Observer W. A. Tait Esq. &c.
Time, & book - 1. Monthly.

Diameter							5					
Height							1	3				
Altitude							1196	7				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January							2.49	1.74	2.82	5.40		
February							3.03	3.90	3.40	4.20		
March							5.20	6.43	1.55	4.02		
April							1.97	3.36	4.57	4.33		
May75	2.54	2.81	2.93		
June							4.24	5.00	2.80	1.58		
July							4.80	3.55	1.72	3.23		
August							2.70	7.32	5.13	2.40		
September....							5.25	3.70	4.35	5.55		
October.....							5.11	3.13	6.00	4.03		
November....							1.59	4.20	5.80	10.17		
December							6.25	9.80	7.14	2.30		
TOTALS . . .							43.38	54.67	48.09	50.14		

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

RAINFALL AT *Quarter Hill, Edinburgh W.T. No. 7*

Lat. Lon. County of *Peebles*

Rain Gauge, by

Observer

W. Anderson Esq.

Monthly. Tweed, Upper, Rbank - 1.

S. A. Tait Esq. C.E.

Diameter ..				8							
Height				1 3							
Altitude ..				1196 π							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.46	2.38	3.87	6.82	5.00	2.53	7.00	1.77	4.16	4.62	
February ..	2.77	2.11	.90	7.33	3.43	2.29	2.77	3.08	2.90	2.20	
March28	1.80	2.75	12.35	3.17	6.56	2.44	4.18	5.74	(4.04)	
April	3.80	4.33	3.60	1.24	5.02	3.29	2.05	3.00	1.67	3.45	
May	4.76	1.80	2.32	2.77	3.41	2.32	5.50	4.95	3.28	2.84	
June	4.15	3.56	1.27	1.93	3.47	2.34	2.24	4.53	2.95	2.70	
July	3.25	1.22	2.59	3.96	3.43	3.16	3.25	3.55	2.41	5.49	
August	4.42	5.26	2.40	6.40	4.70	4.25	7.14	6.09	4.53	2.88	
September ..	3.93	3.91	3.02	3.58	3.03	2.67	1.19	1.05	5.78	2.91	
October	6.07	4.63	3.05	11.66	2.43	3.73	6.36	8.50	1.67	9.62	
November ..	4.75	2.95	4.34	3.57	2.23	5.50	4.78	3.59	3.82	2.40	
December ..	8.23	2.67	6.24	4.00	3.72	3.87	3.03	4.82	2.64	4.75	
TOTALS ..	51.87	36.62	36.35	65.61	43.04	42.51	47.75	49.06	41.55	(47.90)	41.226

553

1904 Gauge moved by Inver

1909. Mar. orig. fig. 2.54

The Trustees of the Edinburgh W.W. would not admit our correction and so the orig. amount was printed with a query (46.40 ?)

1896-1902. Monthly totals entered from P. J. 23. XI. 1913

RAINFALL AT *Quarterm Hill Edinburgh W.V. No 7^a*

Lat. Lon. County of *Peebles*

Rain Gauge, by

Observer

W. Anderson Esq.

Tweed, Upper, Rebek - 1.

W. A. Tait Esq. C.L.

Diameter ..				5							
Height				13							
Altitude ..				1196 ft							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..	5.60	2.73	4.21	6.15	5.16	2.58	7.09	1.90	4.27	4.68	
March	2.77	1.82	.94	7.79	3.10	2.50	3.00	3.29	3.12	2.26	
April34	2.36	2.45	13.43	2.88	6.62	2.63	4.44	5.92	(4.27)	
May	3.78	5.03	3.60	1.16	5.44	3.39	2.06	2.85	1.68	3.37	
June	5.11	1.98	2.35	3.01	3.33	2.56	5.86	4.99	3.29	2.79	
July	4.70	3.83	1.16	1.46	3.61	2.33	2.39	4.85	2.90	2.66	
August	2.89	1.37	2.59	4.50	3.77	3.18	3.22	3.55	2.43	5.47	
September ..	5.07	6.15	2.28	6.35	4.73	4.41	7.32	6.20	4.54	2.72	
October	4.01	4.15	3.19	3.50	3.03	2.76	1.18	1.09	5.71	2.82	
November ..	5.79	4.99	3.05	12.26	2.50	3.68	6.54	8.60	1.65	9.32	
December ..	5.24	3.67	4.36	3.97	3.03	5.67	4.84	3.64	3.81	2.30	
TOTALS ..	10.19	53.7	6.19	4.41	4.44	3.97	3.14	4.92	2.64	4.93	
	55.49	43.45	36.37	67.99	45.02	43.65	49.27	50.31	41.96	(47.59)	48.10

D 556

1904 Feb Gauge wind by hour

1906 Mar Snow diff on gauge

1909. The Trustees of the Edinburgh W.V. would not admit our correction for Mar. and so the orig. amt. was printed with a query.
Orig. figs. Mar. 2.77 Year. 46.09.

'96-'02. Monthly totals entered from P.V. 28. XI. 1913.

RAINFALL at *Quarter Hill, Edinburgh N.W. No. 7a.*County of *Peebles.*Observer *Messrs. Leslie & Reid G.S.*River Basin *Upper Tweed Right bank trib. 1.**W. A. Fair*

Rain Gauge, by

Diameter ...	5											
Height	1 3											
Altitude ...	1196 7											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.60	3.30	4.68	5.52	4.03	3.11	8.75	3.23	4.59	4.17	4.498	
February ...	7.61	5.89	4.46	3.34	7.90	6.55	4.96	.80	7.00	.51	4.902	
March	5.78	1.78	5.48	6.01	5.88	1.41	2.06	1.91	1.38	3.29	3.498	
April	4.47	5.44	1.05	6.67	3.19	2.93	4.36	1.41	.75	5.44	3.571	
May	1.98	4.58	1.35	4.47	2.51	1.12	3.93	2.55	3.01	1.13	2.663	
June	1.75	3.48	5.04	3.21	1.72	2.09	3.31	2.56	1.94	2.91	2.501	
July	5.39	1.91	3.09	.97	2.59	5.26	6.05	1.74	3.06	1.26	3.132	
August	6.50	2.74	4.10	1.77	3.27	2.84	3.95	7.51	3.14	3.16	3.898	
September ..	1.16	1.92	3.08	2.29	2.17	1.51	2.64	4.55	7.18	4.53	3.103	
October ...	4.03	4.21	4.05	4.35	2.03	1.87	8.50	6.98	7.54	2.55	4.611	
November ..	2.84	7.68	4.32	5.57	7.29	2.17	7.39	5.81	6.17	4.37	5.351	
December ...	6.35	10.74	9.43	4.30	10.46	7.77	4.28	2.11	4.37	9.09	6.870	
TOTALS ...	51.46	53.67	50.13	48.47	53.04	38.63	60.18	41.16	50.13	42.31	4.8918	

D

D

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

RAINFALL at Quarter Hill, Edinburgh W.W. N.W. M.County of Peebles.Observer Messrs. Leslie + Reid & Co.
W. A. Tait.River Basin Upper Tweed - Right bank tribs. 1.

Rain Gauge, by _____

Diameter ...	8												
Height	1 3												
Altitude ...	1196 ∇												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	SUMS	
January ...	3.53	3.32	4.44	5.33	3.85	2.91	8.27	2.20	4.73	3.98	4.256	191.8	191.8
February ...	7.98	5.91	4.03	3.51	7.71	7.70	4.61	.75	6.73	.52	4.951	12.61	12.61
March	5.84	1.77	5.26	5.76	5.68	1.39	2.01	1.80	1.37	3.15	3.403	8.33	8.33
April	4.53	5.44	1.02	6.84	3.18	2.99	4.24	1.13	.76	5.34	3.547	11.47	11.47
May	2.06	4.56	1.37	4.48	2.40	1.11	4.05	2.43	2.94	1.04	2.644	10.46	10.46
June	1.82	3.44	5.02	3.28	1.64	2.17	3.24	2.56	1.91	2.95	2.803	10.66	10.66
July	5.40	1.90	3.06	.98	2.66	5.27	6.03	1.70	3.06	1.08	3.114	11.87	11.87
August	6.70	2.72	4.07	1.83	3.31	2.93	4.52	7.45	3.12	2.83	3.948	17.72	17.72
September ..	1.20	1.95	3.10	2.36	2.14	1.58	2.64	4.43	7.13	3.70	3.023	17.90	17.90
October ...	3.92	4.02	4.00	4.29	2.06	1.98	8.35	6.84	7.10	2.46	4.502	24.75	24.75
November ..	2.94	7.51	4.14	5.60	7.09	2.14	7.09	6.82	5.90	4.05	5.228	22.81	22.81
December ...	6.46	10.78	9.63	4.08	10.25	7.86	4.18	1.95	3.90	8.45	6.759	18.48	18.48
TOTALS ...	52.38	53.32	49.19	48.34	52.03	40.03	59.23	39.06	48.65	39.55	48.75	186.49	186.49

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

RAINFALL at Edinburgh Water Works (Laurie Hill) 20
 County of Pablo. Observer Alfred Leslie Reid, C.E. No. 7.
 River Basin 1. T. wick, upper, R. bank. M.

Rain Gauge, by _____

Month											
Diameter ...	8										
Height	1.3										
Altitude ...	1196										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...	6.20	8.33	4.23	4.45	5.10	6.27	8.65	6.87	11.65	1.25	7.30
February ...	4.80	.83	4.00	6.35	.97	5.30	4.58	2.18	4.70	1.25	.85
March	7.00	7.72	2.75	2.05	.42	1.82	2.30	4.02	6.65	.82	3.03
April	3.18	1.33	3.57	3.97	2.92	5.30	2.92	3.45	1.62	1.50	2.10
May	6.32	2.53	3.21	3.29	4.10	6.95	3.90	2.70	1.72	4.80	2.02
June	1.84	.77	2.41	1.70	1.90	.48	5.00	4.95	4.80	2.40	2.79
July	4.35	4.13	5.70	4.45	4.42	1.98	3.47	3.55	3.48	3.65	6.62
August	5.21	5.72	3.20	7.95	4.50	4.62	4.20	6.10	7.80	6.65	7.75
September...	2.93	2.30	2.71	7.25	4.50	3.82	4.20	6.80	4.38	.85	3.10
October	2.81	3.70	3.42	7.40	3.47	5.32	4.10	6.94	8.85	6.45	8.22
November...	3.80	1.96	2.90	3.92	3.15	2.25	7.55	5.42	5.92	7.82	5.55
December...	5.55	6.86	5.30	4.15	10.30	4.62	1.70	1.79	4.06	11.68	4.07
TOTALS...	53.99	46.18	43.40	56.93	45.75	48.73	52.57	54.77	65.63	48.62	52.90
	M										

Site inspected by Dr. Glasfurd 19.9.29.

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	Parish Church.	Distance from gauge	Direction

RAINFALL at Edinburgh Water Works (Dunfermline) No. 7.A.County of Peebles Observer Wm. Leslie & Reid, G.E. &River Basin 1 Dornoch, upper, R. Don

Rain Gauge, by _____

Diameter ...	5										
Height	1.3										
Altitude ...	1196										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	6.68	8.98	4.51								
February ...	5.38	8.3	4.14								
March	7.45	8.26	2.80								
April	3.18	1.36	3.71								
May	6.71	2.53	3.17								
June	1.89	.77	2.38								
July	4.52	4.21	5.63								
August	5.27	5.86	3.15								
September...	2.98	2.33	2.65								
October	2.81	3.73	3.47								
November...	4.01	1.96	1.89								
December...	6.01	7.56	4.11								
TOTALS...	56.89	48.48	41.66								

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	Parish Church.	Distance from gauge	Direction

RAINFALL at Edinburgh W.W. (Quartermile) N° 7County of PeeblesObserver Messrs Leslie & Reid, G.E.River Basin 1. Head upper - Right Bank.Edinburgh Water Engineer (1937)

Type of Gauge.....

Annual Average 7.7 in. based on 33 years obs. un-weighted. Period of average 1881-1915 Ref. 5

* selects 6.36 as no longer appropriate

Diameter	8"										
Height	1' 3"					1.0					
Altitude	1196.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	5 yrs Means
January	4.10	13.12	8.90	9.78	2.90	5.40	9.00	8.20	6.91	2.00	70.31
February	3.65	5.9	5.50	.32	6.18	3.10	3.20	3.75	8.02	1.45	35.76
March	0.85	4.32	3.80	4.88	2.10	3.03	1.70	3.42	5.02	4.75	33.92
April	4.95	5.26	2.20	4.06	4.05	1.22	2.63	.58	2.21	3.14	30.89
May	3.25	3.22	2.05	4.60	.97	.65	1.88	5.19	.67	1.08	23.56
June	5.97	1.65	1.85	1.80	4.40	3.38	2.43	7.53	2.32	1.47	32.80
July	5.10	6.95	4.65	2.68	1.85	5.02	4.62	4.95	4.38	5.10	45.36
August	3.35	1.15	2.62	4.77	2.40	2.03	3.90	2.32	2.38	2.32	27.24
September	1.36	5.00	1.65	6.88	5.10	3.77	3.21	4.12	(2.20)	5.53	38.82
October	4.25	8.40	4.45	8.50	8.80	5.93	5.20	10.06	3.92	5.19	64.70
November	9.05	3.90	3.23	2.85	5.67	4.73	.83	11.68	10.38	6.00	58.32
December	6.01	13.70	1.00	8.80	2.53	7.58	3.28	5.74	2.23	(5.00)	55.87
TOTALS	51.89 M	67.26 M	41.90 M	59.91 M	47.56 M	45.95 M	41.88 M	67.54 M	(50.64) M	43.03 M	57.55 M

1936 Tung was 1 ft. high 6 ft. all round.

1940 Dec. 28th.

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 Direction from gauge	Parish Church.	Distance Direction from gauge
1936			Broughton	10 1/2 mi. N.E.	Tweedmouth	1 1/2 mi N.

Station No. 5072

RAINFALL at Edinburgh W.W. (Quarter Hill) No. 7 (1950) 41

County of Peebles Observer Edinburgh Water Engineer.

River Basin 1-Tweed, Upper - Right Bank

Type of Gauge Standard

Annual Average 46.4 in. based on 26 years obs. un-weighted. Period of average 1881 - 1915 Ref. I.W.S.

File No.

Diameter	8"				905	267					
Height	1'0"					1					
Altitude	1196'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Sums Means
January	(2.67)	(4.50)	6.99	6.92	4.05	6.80	(6.58)	8.03	(5.24)	(3.00)	54.78
February	(5.39)	(2.00)	5.23	(2.40)	6.43	3.18	(2.34)	4.12	5.40	(5.82)	42.31
March	(2.70)	(2.48)	1.33	(0.75)	3.38	3.08	(5.71)	4.29	1.74	5.87	31.33
April	(1.62)	3.72	3.11	2.54	1.54	1.30	10.28	3.45	5.19	5.10	37.85
May	4.88	3.58	5.13	2.27	5.45	.90	3.72	2.09	2.10	2.03	32.15
June	2.02	0.94	4.14	3.67	4.30	3.80	4.01	6.30	1.26	2.93	32.37
July	4.89	3.56	2.72	2.43	3.52	5.00	3.22	3.27	1.78	5.13	35.52
August	5.88	4.50	5.18	3.11	1.93	4.55	0.05	6.77	4.07	5.73	41.77
September	1.93	4.96	4.27	4.74	7.30	7.18	3.00	5.53	2.08	10.23	51.22
October	3.67	6.15	9.22	4.62	5.20	.93	1.07	3.48	8.30	4.73	47.37
November	5.82	1.41	3.04	7.81	.78	9.73	6.43	4.12	5.80	4.43	49.37
December	3.00	(8.50)	2.98	7.98	4.30	5.03	2.43	(8.73)	9.72	(2.47)	55.14
TOTALS	(44.47) N	(46.30) M	53.34 H	49.24 M	48.18 M	51.48 M	(48.84) H	59.18 H	52.68 M	57.47 M	511.18

1941 Jan + Feb cond for snow. March-April app. 1950 Jan, Feb, & Mar alt by Engineer.
 1942 Jan Mar app. Dec + Jan 1943 app. 70004 00014 40004 60014
 1944 Feb + Mar app.
 1947 Jan-Mar app. & Engineer. (11034 app. 6.48, 3.00, 6.20 Year 49.89) Diff. is so small engineer values
 Published but 1950 consider their app. as unreliable.
 1948 Dec app. with Jan 49 being 30000

Average (46.4) recorded 1946.
 (1947) well 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	74004	70014	Broughton	10 1/2 mi	N.E.	Tweedsmuir	1 1/2 mi	N.

BRITISH RAINFALL ORGANIZATION

Station No. 5072

RAINFALL at Edinburgh W.W. (Quater Hill) 51

County of Peebles Observer Edinburgh Water Engineer

River Basin Tweed Upper - Right Bank

Type of Gauge Octagonal

Annual Average 46.4 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S.
" 51.25 " " 40 " " " " 1916-50 " S.
25 517 File No.

Diameter ...	8"				905	267					
Height ...	1'0"					1					
Altitude ...	1196'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.84	5.84	(1.60)	(4.85)	(3.80)	(3.33)	8.00	6.90	3.60	6.80	
February ...	4.43	1.46	1.82	(5.84)	(2.20)	(1.88)	6.50	(4.50)	1.30	7.00	
March ...	3.28	2.38	0.63	(4.85)	(2.70)	2.50	3.80	2.00	3.30	2.20	
April ...	2.96	3.98	3.25	1.05	2.00	1.00	3.10	2.00	4.60	5.60	
May ...	2.58	1.79	4.50	6.05	3.90	2.70	2.50	3.30	3.50	3.20	
June ...	1.94	2.78	2.63	3.00	2.00	3.30	2.20	4.00	3.40	2.90	
July ...	3.65	3.00	7.56	4.04	2.20	(4.00)	3.20	(5.10)	6.00	3.30	
August ...	6.28	4.60	4.55	5.50	1.70	8.20	4.70	5.00	1.00	4.00	
September ...	4.89	2.43	5.10	6.53	4.60	4.30	2.50	4.90	1.50	3.20	
October ...	0.63	6.00	3.52	9.40	3.60	4.00	4.30	3.40	6.00	2.70	
November ...	11.09	(4.00)	5.85	12.40	3.00	2.00	2.50	1.70	12.00	9.50	
December ...	10.12	(5.10)	3.56	6.40	(6.05)	(7.20)	6.60	6.50	4.00	5.30	
TOTALS ...	57.69	43.36	44.57	69.91	37.75	44.41	47.90	49.30	53.20	55.70	
	M	M	M	M	M	M	M	M	M	M	

1952 Jan Feb. app. 80004 70004 70014 60014 20404
 1955 Jan. est. by 103. Feb. March. app. only for snow by 103. Dec. app. with Jan & Feb 1916 by Eq.
 1958 n.p. Right.

195.9.60. J. Shaw. Badly o/e N & W - numerous small raised tufts round g.
 2 ft. of rain varies from 6" to 12". Grass overhangs g. No better site a
 hill. If present site to be retained rebuild t.w., level tufts. Keep grass in
 check. Preferably abandon site.
 { Just will round gauge since 1936 (51) 1959 1960 np on map

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference NT(36)977235

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge.	Parish Church.	Distance Direction from gauge.
	40004	60034				

Summary of Earlier Records from 10-year Sheets:

1916-1950, P- Rejected

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