

RAINFALL AT *Penicuik Edgellaw*

Lat. Lon. County of *Edinburgh*
 Rain Gauge, by Observer *W. H. Cameron*

Br-14.

Diameter.												
Height.												
Altitude.												
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.										<i>1.32</i>		
February.										<i>2.18</i>		
March.										<i>3.81</i>		
April.										<i>2.50</i>		
May.										<i>2.34</i>		
June.										<i>5.21</i>		
July.										<i>7.36</i>		
August.										<i>3.88</i>		
September.										<i>2.24</i>		
October.										<i>1.85</i>		
November.										<i>2.98</i>		
December.										<i>1.85</i>		
TOTALS										<i>37.22</i>		

RAINFALL AT Penicuik, Edgellaw

Lat. _____

Lon. _____

 County of Edinburgh

Rain Gauge, by _____

 Observer H. H. Cameron, Esq.

Date - 4.

Diameter		11									
Height		0.6									
Altitude		654									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.81	2.05	2.05	2.50	5.68	2.37	3.72	1.05	1.54	.97	2.344
February	2.97	2.51	1.95	2.23	2.26	2.52	1.46	1.32	1.24	1.28	1.973
March	1.72	2.96	3.77	2.83	2.00	1.92	3.50	1.35	3.50	2.05	2.560
April	4.57	4.43	2.78	1.50	1.55	2.68	1.85	1.11	1.76	2.46	2.069
May	1.95	2.60	1.59	.87	2.40	2.88	4.65	2.32	1.00	1.68	2.194
June	2.00	1.52	2.79	2.19	.85	.63	1.70	.45	2.58	1.25	1.596
July	5.44	4.13	3.79	3.58	4.90	1.30	2.75	2.38	6.11	4.52	3.890
August .....	.55	5.72	1.85	3.20	1.75	2.75	1.55	1.65	1.80	5.86	2.668
September....	5.27	3.75	2.60	3.27	2.60	2.84	3.37	4.65	.82	1.00	3.017
October	3.90	2.91	2.50	3.72	1.56	3.47	5.63	1.80	1.25	5.80	3.254
November....	5.15	2.41	3.27	3.20	1.80	2.05	2.95	4.88	8.06	.65	3.442
December	5.44	2.53	3.06	1.85	3.40	1.76	3.66	1.72	1.35	1.25	2.602
TOTALS	46.47	33.52	32.00	30.94	30.75	27.17	36.78	24.68	31.01	28.77	31.609

RAINFALL AT Penicook Edgell Reservoir

Lat. _____

Lon. _____

County of Edinburgh

Rain Gauge, by _____

Observer W. Anderson Esq

8K-14.

Diameter	11											
Height	0 6											
Altitude	654											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	1.92	.84	1.47	.93	3.10	2.50	1.10	1.15	1.61	1.00	1.862	
February ....	.90	.23	2.50	3.27	7.60	2.20	.85	2.30	1.93	1.20	2.298	
March	2.42	5.07	1.46	.87	2.30	4.05	2.30	3.52	1.60	1.72	2.531	
April .....	.85	1.59	1.25	.95	1.52	1.45	1.15	1.15	2.05	3.05	1.501	
May	1.81	1.65	2.10	1.75	3.85	1.43	.80	1.60	1.75	2.90	1.964	
June	3.57	.63	3.10	4.87	2.18	2.07	2.30	3.31	1.85	.95	2.483	
July	2.35	3.90	1.48	2.22	1.35	5.35	4.09	2.16	1.65	2.95	2.750	
August	4.99	6.87	3.62	2.70	5.30	4.45	1.08	4.32	3.40	.55	3.728	
September....	1.22	7.09	1.58	1.62	1.05	.55	5.50	2.55	2.05	2.41	2.565	
October	2.33	2.85	4.40	1.96	2.39	3.95	1.55	1.10	3.60	2.80	2.693	
November....	5.88	2.33	1.05	2.55	1.95	3.15	1.56	2.45	4.40	3.50	2.882	
December	1.65	6.17	1.59	3.00	1.70	3.70	4.75	2.28	2.85	2.10	2.980	
TOTALS	29.70	39.22	25.60	26.69	34.29	34.85	27.06	27.89	28.74	28.13	30.234	

1880-

RAINFALL AT *Penicuik Edgellaw Reservoir*

Lat.

Lon.

County of *Edinburgh*

Rain Gauge, by

Observer *W. Anderson Esq*

Sek - 11.

Inssm. Leslie & Reid G.C. (19)

Diameter ..	11							4			
Height	0 6										
Altitude ..	654										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.20	1.65	1.34	3.34	2.69	.66	3.63	1.93	3.15	3.33	2.49 2
February ..	8.84	1.86	1.06	3.92	3.70	1.46	1.52	2.23	1.54	1.97	2.8 10
March	1.30	2.24	2.05	3.99	1.69	3.67	3.33	2.50	4.98	6.10	3.185
April	1.49	2.43	1.72	1.01	2.26	2.61	1.29	1.66	1.55	3.08	1.9 10
May	1.20	2.16	3.30	1.91	3.25	1.68	5.00	3.05	2.63	1.44	2.56 2
June	2.95	2.19	3.70	1.82	2.93	1.17	2.19	3.37	1.13	1.66	2.3 11
July	2.30	1.06	1.98	4.17	1.85	1.63	1.88	3.14	4.25	3.08	2.53 4
August	3.50	5.20	1.12	4.28	5.24	2.96	7.72	3.76	1.99	2.27	3.80 4
September ..	2.41	.81	1.89	2.28	1.70	3.30	.79	1.57	4.04	2.49	2.12 8
October	4.20	2.95	1.84	6.64	1.00	2.31	7.20	8.62	.93	4.19	3.98 8
November ..	4.13	6.14	1.95	.74	1.73	3.10	5.43	1.82	1.67	.76	2.74 7
December ..	5.68	6.22	3.11	1.63	2.08	2.23	1.69	4.07	.85	4.53	3.20 9
TOTALS ..	41.20	34.91	25.06	35.73	30.12	26.78	41.67	37.72	28.71	34.90	33.680

Hub

RAINFALL at Moorfoot Hills, Edgellaw Daily.County of Midlothian Observer Messrs Leslie & Reid C.E.River Basin South of Forth R. bank trib. 3.

Rain Gauge, by _____

Diameter ...	4		5		3				4		
Height	0 6		0 10								
Altitude ...	654										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.32	1.63	4.05	4.12	2.48	2.03	3.53	3.26	2.56	3.49	3.047
February ...	3.98	3.32	2.27	1.64	2.48	3.98	5.10	1.01	3.75	1.74	2.927
March	1.39	2.43	2.21	5.76	3.43	1.93	3.90	2.40	.77	2.98	2.720
April	4.15	2.33	.49	2.74	1.86	1.73	3.48	3.51	.99	4.48	2.576
May	2.09	1.28	1.85	2.59	2.88	1.62	4.74	1.83	2.68	.61	2.217
June	1.09	4.29	5.39	1.57	2.73	1.43	2.85	2.20	.67	1.96	2.418
July	4.72	1.03	2.70	.53	2.79	4.76	5.21	2.06	2.90	.90	2.760
August	6.04	1.01	4.76	1.93	2.16	3.68	4.06	5.43	2.03	1.87	3.297
September ..	.75	1.63	3.58	2.45	1.12	2.47	2.34	2.18	5.27	3.42	2.521
October ...	3.55	3.63	3.68	2.21	1.63	2.00	5.13	3.75	3.97	2.77	3.232
November ..	4.12	5.08	2.22	2.43	4.06	1.42	4.62	2.94	2.37	5.45	3.471
December ...	2.82	3.72	4.63	1.83	4.91	5.18	2.83	2.70	2.57	4.62	3.581
TOTALS ...	38.02	31.38	37.83	29.80	32.53	32.23	47.79	33.27	30.53	34.29	34.767

D

D

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

RAINFALL at Moortfoot Hills, Edgellaw Monthly g.County of MidlothianObserver Messrs Leslie & Reid C.E.River Basin Estk - 4.

Rain Gauge, by _____

Diameter ...			11									
Height			0 10									
Altitude ...			654									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...			3.30	3.60	2.50	1.95	3.40	3.10	2.05	3.25		
February ...			2.40	1.45	1.00	3.85	4.95	.85	3.45	1.60		
March			2.20	4.95	3.30	1.60	3.90	2.20	.65	3.00		
April .....			.40	2.45	1.75	1.65	3.30	2.60	.90	4.20		
May			1.75	2.45	2.80	1.55	4.60	1.75	2.60	.60		
June			5.05	1.40	2.55	1.35	2.80	2.15	.60	1.90		
July			2.55	.45	2.55	4.60	5.15	1.90	3.75	.80		
August			4.70	1.90	2.05	3.50	4.00	5.20	1.85	1.80		
September ..			3.55	2.30	1.00	2.40	2.20	2.15	5.15	3.40		
October ...			3.50	2.05	1.50	2.00	4.95	3.65	3.85	2.70		
November ..			2.10	2.30	3.90	1.40	4.50	2.70	2.15	5.25		
December...			4.50	2.40	5.00	5.05	2.75	2.65	2.35	4.30		
TOTALS ...			36.00	27.70	24.90	30.90	46.50	30.90	29.35	32.80		

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

RAINFALL at Marford Hills, (Edge Law),County of Middlesex.Observer Wm Leslie & Reid, G.E.River Basin ER - 4

Rain Gauge, by _____

Diameter ...	4										
Height	0'10										
Altitude ...	6524										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	3.79	5.70	2.73	1.91	2.31	2.70	3.27	2.41	4.79	1.20	3.75
February ...	2.39	.77	2.30	4.03	.85	4.66	2.60	1.12	2.20	.91	.90
March	3.27	3.05	2.09	1.43	.94	3.05	1.88	2.45	3.00	.82	2.31
April	2.96	.91	2.11	3.17	1.39	3.97	2.31	1.82	1.10	1.57	1.16
May	3.35	1.95	1.33	3.03	4.02	4.61	3.70	1.67	1.74	1.88	1.15
June	1.11	.84	1.68	1.56	2.02	.66	3.71	2.91	4.36	2.23	1.57
July	2.65	2.89	3.93	3.20	4.10	1.32	3.74	2.88	1.95	2.55	2.43
August	6.37	4.89	1.78	4.61	3.09	3.87	2.54	6.11	5.02	4.65	4.97
September...	1.43	1.77	2.09	2.27	3.90	4.96	3.98	8.47	2.05	.85	4.46
October	1.71	4.00	2.10	3.62	2.87	1.97	3.98	3.85	3.70	2.19	3.07
November...	2.67	1.35	1.52	4.39	1.65	.96	3.39	2.95	3.13	3.69	4.75
December...	2.70	4.25	3.14	2.60	3.03	3.49	1.07	2.43	2.22	5.38	2.22
TOTALS...	36.40	32.07	26.80	35.82	30.17	36.22	36.17	39.07	35.26	29.12	23.74
	D	D	D	D	D	D	D	D	D	D	D

Site inspected by Dr. Glassford 10.9.29.

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 Monks C. Mills (Edgclaw.)County of MiddlesexObserver Wm. John Rad G.S.River Basin Gr. 4

Rain Gauge, by _____

Monthly

Diameter ...	11											
Height	0.10											
Altitude ...	654											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Mean
January ...	3.55	5.50	2.60	1.75	2.20	2.65	3.20	2.35	4.90	1.15	3.65	
February ...	3.30	.65	2.15	4.00	.70	4.65	2.50	1.10	2.20	.85	.75	
March	3.15	3.00	1.90	1.30	.85	2.75	1.75	2.45	3.10	.30	2.20	
April	2.75	.95	1.90	2.95	1.30	3.95	2.20	1.75	1.10	1.55	1.10	
May	3.20	1.80	1.25	2.80	3.90	4.50	3.65	1.60	1.70	1.85	1.10	
June	1.05	.45	1.60	1.45	1.90	.50	3.60	2.90	4.45	2.20	1.50	
July	3.60	2.75	3.70	3.10	4.00	1.25	3.55	2.80	2.00	3.50	3.40	
August	6.35	4.70	1.70	4.30	3.00	3.75	2.50	6.15	4.55	4.55	4.85	
September...	1.35	1.65	1.95	2.20	3.75	4.90	3.90	8.50	2.00	.30	4.35	
October	1.70	3.80	2.00	3.50	2.75	1.90	3.85	3.85	3.62	3.20	3.00	
November...	2.60	1.25	1.40	4.20	1.60	.90	3.35	2.90	3.10	3.70	4.65	
December...	2.65	2.80	3.00	2.45	3.00	3.25	.95	2.35	2.30	5.20	2.10	
TOTALS...	35.25	30.20	25.15	34.00	28.95	34.95	35.00	38.70	35.02	28.35	32.65	

1923 not printed

1924 N.P. Check 5.

1925 N.P. Check 9.

1926 " " " "

1927 " " " "

1928 " " " "

1929 " " " "

1930 " " " "

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 moorfoot Hills (Eagelaw)County of MidlothianObserver Messrs Leslie & Reid, G.E.River Basin H-EskEdinburgh Water Engineer (1937)Type of Gauge RainfallAnnual Average 31.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Summarycomputed x1/36.

Diameter	5"										
Height	0' 10"					0.6					
Altitude	654'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.03	3.63	2.96	2.70	1.16	3.67	3.94	3.41	4.01	1.04	
February	2.02	.50	2.82	.08	2.14	2.51	3.66	.93	1.64	.83	
March	1.32	2.81	.74	3.33	1.06	1.87	2.53	.63	2.51	2.84	
April	2.39	2.75	1.99	4.08	2.79	1.31	1.16	.33	1.17	1.98	
May	3.19	2.85	1.45	2.32	.69	.77	2.56	3.06	.80	1.88	
June	4.53	1.28	2.28	2.30	1.99	1.56	.93	3.70	2.04	.83	
July	3.53	4.00	3.93	1.87	.89	5.10	5.49	2.71	2.16	7.99	
August	5.47	.69	.88	3.15	2.06	1.30	3.12	1.46	1.28	.73	
September	1.31	3.57	1.97	1.84	3.47	2.82	1.59	1.66	1.84	3.47	
October	1.87	6.05	2.61	2.93	5.82	2.36	3.17	4.83	3.70	2.72	
November	3.76	1.80	1.90	2.83	3.98	2.69	.62	4.52	4.49	4.17	
December	1.52	4.88	1.05	3.40	1.47	2.17	2.85	2.47	1.03	2.02	
TOTALS	32.94	34.81	24.58	31.83	27.52	28.13	31.62	29.71	26.67	30.50	

1936. Trees 25 ft. high 42 ft. N.W.S. open 13 ft.

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			Gordonbridge	32 mi	N.	Juniper	12 mi	N.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 5116 41
RAINFALL at Moortoot Hills (Edgelaw)
 County of Midlothian Observer Edinburgh Water Engineer
 River Basin 4 - Esk
 Type of Gauge British Association

Annual Average 31.9 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref Survey.

File No.

Diameter	5"				90	120					
Height	0'6"								Do not punct		
Altitude	654'					21					
Year	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Means
January	2.03	3.13	2.82	1.46	3.37	2.25	2.97	4.91	2.20	1.26	
February	3.42	1.04	1.70	1.01	2.32	.94	1.98	1.77	.89	3.32	
March	2.57	2.16	1.63	.42	1.25	1.75	(4.29)	1.11	.69	2.12	
April	1.20	1.23	1.06	1.53	1.03	.39	3.35	1.78	1.54	2.10	
May	2.41	1.57	3.00	2.13	4.32	2.10	3.16	1.59	1.70	1.84	
June	1.03	1.18	2.12	2.43	1.60	1.23	3.03	4.38	1.00	1.57	
July	2.59	3.24	2.79	2.77	2.08	3.37	3.06	1.78	2.01	2.96	
August	3.58	2.57	3.49	2.13	3.18	3.52	.16	6.25	2.00	2.80	
September	0.97	2.05	1.25	5.31	3.57	3.04	1.50	2.65	1.27	4.81	
October	2.93	2.56	3.73	2.68	3.37	.43	.81	1.47	3.86	1.82	
November	2.94	.60	.99	6.43	.43	4.41	3.60	1.60	3.30	3.55	
December	1.00	1.80	1.40	2.57	2.28	2.34	1.74	2.78	3.49	1.02	
TOTALS	26.67	23.13	25.92	30.93	28.80	25.77	29.63	32.07	23.95	29.17	

1947 War adj for snow
 1948 N.P. 1000

New gauge 1.12.48

1949 to be inspected as soon as possible by M.O. & C. Engineer. Site unsuitable - more better available.

1949 N.P. 1000

26-6-51 inspected site hopeless. Data will not be used in future alternative site being found.

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

BRITISH RAINFALL ORGANIZATION

Station No. 5116RAINFALL at Moortown Hills (Edgelaw)

51

County of Hindlothian Observer Edinburgh Water EngineerRiver Basin 4 - Esk

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No.....

Diameter ...	5"										
Height ...	0' 6"										
Altitude ...	654'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.71										
February ...	2.37										
March ...	2.29										
April ...	2.39										
May ...	2.79										
June ...	<i>like Napier</i>										
July ...	<i>1' for B.R.</i>										
August ...											
September ...											
October ...											
November ...											
December ...											
TOTALS ...	INC NP										

1951 N.R. incomplete. Readings unreliable, gauge not in suitable position. N.R. to be used for B.R.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference M7(56) 304578

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
	✓ <i>- but 14-19</i>	✓	✓	✓ <i>np 48-50 L</i>	
		✓	✓	✓ <i>- 48-50</i>	