

# RAINFALL AT

*Monfort Hills, Roseberg*

Lat. ....

Lon. ....

County of .....

*Edinburgh*

Rain Gauge, by .....

Observer .....

*W. H. Cameron Esq.*

*82-14.*

Diameter ....										11	
Height .....										- 6	
Altitude ....									750		
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....							3.82	1.05	1.60	.99	
February ....							1.63	1.36	1.25	1.30	
March .....							3.55	1.35	3.55	2.05	
April .....							1.85	1.11	1.80	2.50	
May .....							4.68	2.36	1.01	1.68	
June .....							1.68	.45	2.55	1.27	
July .....							2.80	2.39	6.14	4.51	
August .....							1.62	1.65	1.84	5.84	
September....							3.40	4.70	.82	1.00	
October ....							5.37	1.80	1.29	6.25	
November ....							2.95	4.91	8.12	.65	
December ....							3.66	1.73	1.37	1.31	
TOTALS ....							37.01	24.86	31.34	29.35	

# RAINFALL AT

*Moortfoot Hills Rosebery*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

*Edinburgh*

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

Observer \_\_\_\_\_

*W Anderson Esq*

*Bar. 44.*

Diameter ....	11											
Height .....	0 6											
Altitude ....	750											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	1.92	.86	1.46	.92	3.14	2.50	1.10	1.15	1.62	4.03	1.870	
February ....	.87	.24	2.54	3.25	7.62	2.21	.85	2.32	1.91	1.22	2.303	
March .....	2.45	4.97	1.53	.94	2.30	4.03	2.30	3.52	1.61	1.74	2.534	
April .....	.85	1.56	1.28	.93	1.56	1.45	1.15	1.18	2.05	3.04	1.506	
May .....	1.83	1.65	2.10	1.76	3.88	1.43	.80	1.62	1.75	2.90	1.972	
June .....	3.61	.63	3.09	4.89	2.19	2.06	2.30	3.32	1.85	.96	2.489	
July .....	2.35	3.88	1.48	2.20	1.35	5.37	4.09	2.15	1.66	2.96	2.744	
August .....	5.00	6.90	3.63	2.70	5.28	4.54	1.07	4.31	3.42	.55	3.740	
September....	1.23	7.10	1.59	1.60	1.05	.56	4.04	2.55	2.07	2.42	2.421	
October .....	3.10	2.71	4.40	1.95	2.40	3.97	5.54	1.11	3.62	2.81	3.161	
November....	5.92	2.24	1.07	2.56	1.96	3.16	1.56	2.46	4.39	3.52	2.884	
December ....	2.15	6.11	1.60	3.02	1.71	3.70	4.79	2.40	2.85	2.12	3.015	
TOTALS ....	31.28	38.85	25.77	26.72	34.44	34.97	29.59	28.09	28.80	28.27	30.678	

# RAINFALL AT *Moorefoot Hills Rosebery*

Lat. .... Lon. .... County of *Edinburgh*

Rain Gauge, by ..... Observer *W. Anderson Esq*

*Stn - 4.*

*Messrs Leslie & Reid GL. (Co.)*

Diameter ..	11							4			
Height ....	0	6									
Altitude ..	750										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.21	1.64	1.36	3.37	2.69	.66	3.04	1.62	2.26	2.84	2.329
February ..	8.85	1.88	1.05	4.90	3.69	1.47	1.24	1.92	1.21	2.07	2.828
March ....	1.30	2.23	2.09	3.97	1.69	3.66	3.39	2.03	4.85	5.74	3.095
April .....	1.49	1.56	1.89	1.00	2.28	2.61	1.15	1.73	1.52	2.89	1.812
May .....	1.20	2.16	3.41	1.91	3.25	1.68	4.93	2.83	2.58	1.36	2.531
June .....	2.96	2.23	3.73	1.83	2.94	1.18	2.04	3.14	1.12	1.50	2.267
July .....	2.31	1.07	2.00	4.18	1.85	1.63	1.63	3.10	4.06	2.94	2.477
August ....	3.51	5.26	1.11	4.30	5.26	2.98	7.15	3.50	1.71	1.89	3.667
September ..	2.42	.93	1.90	2.29	1.70	3.27	.87	1.38	3.65	2.35	2.076
October ....	4.20	2.99	1.84	6.63	.90	2.29	7.19	7.96	.90	4.98	3.988
November ..	4.13	6.12	1.97	2.07	1.74	3.25	4.90	1.72	1.59	.67	2.816
December ..	5.72	6.48	3.07	1.62	2.09	1.92	1.63	3.77	.62	4.03	3.095
TOTALS ..	41.30	34.55	25.42	38.07	30.08	26.60	39.16	34.70	26.67	33.26	32.981

*Hills*



RAINFALL at Moorfoot Hills, Rosebery Daily.County of Midlothian Observer Messrs. Leslie & Reid C.E.River Basin South of Forth <sup>Sok, 4</sup> R. banks. 3.

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

Diameter ...	4		5		3		4					
Height .....	0 6		0 9									
Altitude ...	750											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.26	1.64	3.26	4.02	2.40	1.94	3.51	3.45	2.43	3.53	2.94	4
February ...	3.73	3.23	2.17	1.61	2.15	3.38	4.94	.94	3.66	1.86	2.76	7
March .....	1.25	2.48	2.30	5.53	3.42	1.94	3.91	2.40	.82	2.85	2.69	0
April .....	3.20	2.06	.58	2.47	1.79	1.65	3.67	3.53	1.05	4.39	2.43	9
May .....	2.19	1.19	1.80	2.48	2.93	1.61	4.64	1.88	2.74	.61	2.20	7
June .....	1.16	4.44	5.64	1.61	2.57	1.46	2.95	2.15	.75	2.08	2.48	1
July .....	4.63	1.02	2.79	.54	2.85	5.23	5.16	1.89	3.91	.91	2.89	3
August .....	5.51	1.03	4.81	1.98	2.12	3.43	4.10	5.53	1.99	1.82	3.23	2
September ..	.75	1.51	3.58	2.55	1.14	2.55	2.41	2.05	5.29	3.48	2.53	1
October ...	3.61	3.51	3.51	2.13	1.65	1.69	4.84	3.55	3.98	2.85	3.13	2
November ...	3.73	5.18	2.21	2.40	4.00	1.55	4.43	3.02	1.90	5.68	3.41	0
December ...	2.53	3.45	4.34	2.13	4.49	5.04	2.83	2.77	2.47	2.58	3.46	3
TOTALS ...	35.55	30.74	36.99	29.45	31.51	31.47	47.39	33.16	30.99	34.64	34.18	9

D

D

14618

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





RAINFALL at Woolf Hills (Rosebury)County of MiddlesexObserver Wm. Leslie Reid C.E.River Basin 24 - 4

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

Diameter ...	4												
Height .....	0.9												
Altitude ...	750												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.		SVHS
January ...	2.58	6.32	2.69	1.96	2.18	2.81	3.20	2.25	4.91	1.02	3.80		34.72
February ...	3.36	.97	2.15	3.56	.90	4.82	2.47	1.11	2.46	.85	1.01		23.66
March .....	3.13	2.84	2.05	1.42	.96	3.31	2.05	2.38	2.58	.31	2.45		23.48
April .....	3.15	.93	2.23	3.22	1.40	4.06	2.46	1.87	1.15	1.54	1.22		23.23
May .....	3.19	1.92	1.29	3.58	4.15	4.74	3.73	1.60	1.81	1.66	1.31		28.98
June .....	1.16	.61	1.82	1.63	2.15	.66	4.40	2.87	4.66	1.99	1.50		23.45
July .....	3.81	3.01	4.34	3.67	4.06	1.35	3.74	2.82	2.06	3.56	3.58		36.00
August .....	6.32	5.28	1.98	4.89	2.95	3.68	2.41	6.24	5.33	4.71	5.14		48.93
September...	1.36	1.87	2.18	2.15	3.78	5.16	4.23	9.03	1.95	.38	5.21		37.30
October .....	1.56	4.24	2.20	3.74	2.87	1.77	3.77	3.86	3.80	3.30	3.33		34.44
November...	2.53	1.29	1.70	4.49	1.52	1.00	3.19	2.84	3.30	3.56	4.94		30.63
December...	2.59	4.42	3.12	2.47	2.81	3.33	.82	2.55	1.98	4.87	2.00		31.26
TOTALS...	35.71	33.70	27.75	37.38	29.73	36.69	36.47	39.42	35.99	27.75	35.49		376.08

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 Wassfoot Hills (Roxbury).County of WiltshireObserver Wm. Lake & Reid, C.E.River Basin ER - 11M.

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

Monthly

Diameter ...	11											
Height .....	0.9											
Altitude ...	750											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January ...	3.40	6.00	2.40	1.70	2.00	2.70	2.90	2.25	4.70	.90	3.80	
February ...	3.25	.85	1.90	3.40	.80	4.75	2.35	1.05	2.35	.80	.90	
March .....	3.00	2.60	1.90	1.30	.90	3.10	1.90	2.30	2.50	.30	2.40	
April .....	2.95	.85	2.00	2.90	1.25	4.05	2.40	1.90	1.10	1.50	1.20	
May .....	3.00	1.75	1.20	3.35	4.05	4.65	3.65	1.60	1.75	1.60	1.25	
June .....	1.10	.50	1.65	1.50	2.00	.50	4.35	2.80	4.60	2.00	1.45	
July .....	3.80	2.85	4.00	3.40	4.00	1.30	3.60	2.75	2.00	3.50	3.50	
August .....	6.30	5.00	1.85	4.50	2.90	3.65	2.35	6.15	5.25	4.65	4.95	
September...	1.25	1.70	2.00	2.10	3.65	5.20	4.20	9.00	1.90	.35	5.15	
October .....	1.45	4.00	2.05	3.45	2.30	1.70	3.65	3.75	3.71	3.25	3.25	
November...	2.30	1.20	1.55	4.30	1.50	.90	3.10	2.65	3.30	3.45	4.90	
December...	2.35	4.25	2.90	2.50	2.75	3.30	1.15	2.45	2.05	4.50	1.90	
TOTALS...	34.15	31.55	25.40	34.40	29.60	35.80	35.60	33.65	35.21	26.80	34.65	
	M.			M								

1922 not finished.

1924 N.P. check g.

1925 N.P. check g.

1926 " " "

1927 " " "

1928 " " "

1929 " " "

1930 " " "

Site inspected by Mr. Glassford 16.9.29.

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 *Twofoot Hills (Roxbury)*County of *Midlothian*Observer *Treasure Leslie Reid, B.E.*River Basin *H- Cat**Edinburgh Water Engineer (1937)*

Type of Gauge

Annual Average *32.1* in. based on *47* years obs. un-weighted. Period of average *1881-1915* Ref. *Survey**computed 21/36*

Diameter	5"										
Height	0' 9"					0.6					
Altitude	750'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	<i>SVMS</i> <i>Monte</i>
January	2.26	4.00	2.86	3.01	1.66	4.31	3.72	4.22	4.96	1.32	32.32
February	2.37	.62	2.48	.19	2.94	3.58	4.58	1.47	2.13	1.27	21.63
March	1.38	2.86	.83	3.99	1.15	2.66	3.51	1.03	3.45	3.20	24.06
April	2.64	3.08	2.13	4.76	3.01	1.90	1.20	.49	1.26	2.17	22.64
May	3.40	2.03	1.48	2.18	.84	.85	3.02	3.36	.89	1.88	20.93
June	4.57	1.26	2.06	2.41	1.87	1.65	.96	4.51	2.10	.74	22.13
July	3.81	3.98	4.28	1.83	1.12	5.50	5.55	2.84	2.18	8.43	39.52
August	6.16	.72	.87	3.40	1.83	1.37	3.43	1.54	1.46	.95	21.73
September	1.54	3.63	1.94	1.89	3.73	2.86	1.74	2.04	1.92	3.69	24.98
October	2.02	6.58	2.98	4.79	6.99	3.01	3.53	5.49	3.46	2.65	41.50
November	3.59	2.03	1.69	3.25	4.71	3.10	.61	5.14	4.66	4.77	33.75
December	1.58	4.80	1.17	3.73	1.91	2.55	3.75	3.28	1.12	3.00	26.89
TOTALS	35.32	36.59	24.77	35.63	31.76	33.34	35.60	35.41	29.59	34.07	332.08
	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	

*1936. Trees 35 ft. high 142 yds. N.*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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1936			Gordonbridge	4 mi.	N.	Temple	2 mi.	N.



Station No.

5115

RAINFALL at Moorfoot Hills (Rosebery)

41

County of MidlothianObserver Edinburgh Water EngineerRiver Basin 4 - Esk

Type of Gauge

Annual Average 32.1 in. based on 47 years obs. un-weighted. Period of average 1881-1915 Ref Survey.

File No.

Diameter	5"				900	959					
Height	0' 6"					1					
Altitude	750'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	3 VMS Means
January	2.55	3.57	2.71	2.43	3.77	2.33	2.83	5.16	3.17	1.82	30.40
February	4.55	1.37	2.10	1.63	3.00	1.44	1.94	2.08	2.17	4.36	24.70
March	2.78	2.51	1.93	5.54	1.34	2.34	4.65	1.29	1.29	2.60	21.27
April	1.36	1.36	1.31	1.48	1.17	.53	3.71	2.51	2.26	3.44	19.13
May	2.81	1.53	3.55	2.88	4.37	2.18	3.06	1.43	2.17	2.48	26.46
June	0.97	1.25	2.00	2.42	1.60	1.39	3.41	4.65	1.22	2.04	20.95
July	2.81	3.29	2.61	3.01	2.38	4.16	3.00	1.84	2.40	3.30	28.80
August	3.71	2.50	3.78	2.22	3.78	4.19	.16	9.45	2.92	2.90	35.61
September	1.12	2.39	1.40	5.70	3.38	3.34	2.07	3.02	1.64	6.46	30.52
October	2.99	3.95	3.91	2.64	3.92	.53	1.03	2.11	4.47	2.67	28.22
November	2.85	.75	1.14	6.90	.46	4.49	4.23	1.74	4.38	5.23	32.17
December	1.26	2.01	1.68	3.26	2.29	2.17	2.32	3.35	5.63	1.89	25.86
TOTALS	29.76	26.48	28.12	35.23	31.46	29.09	32.41	38.63	33.72	39.19	324.09

82

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. 5115

RAINFALL at Moorfoot Hills (Rosebery)

51

County of Midlothian

Observer Edinburgh Water Engineer

River Basin 4 - Esk

Type of Gauge

Annual Average 32.2 in. based on 47 years obs. un-weighted. Period of average 1881-1915 Ref. Survey  
33.67 " " 35 " " 1916-1950 1916-1950 P

File No.

Diameter ...	5"				900	959					
Height ...	0' 6"					1					
Altitude ...	750'					51	✓				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.45	3.48	0.69	3.61	2.24	2.32	3.75	2.39	1.23	3.80	
February ...	2.79	.72	.91	1.64	2.27	2.35	3.03	2.65	1.56	3.11	
March ...	3.33	1.65	.40	2.10	1.58	1.70	2.17	2.11	.88	1.70	
April ...	3.54	1.80	2.85	1.24	.73	.76	1.42	2.33	2.07	1.47	
May ...	3.22	1.78	2.50	6.05	2.34	1.31	2.00	2.21	.58	1.28	
June ...	2.03	2.50	2.13	2.56	.68	3.08	2.26	3.31	1.79	1.18	
July ...	2.94	2.03	4.33	2.06	2.67	5.42	4.19	6.92	2.91	2.69	
August ...	4.77	2.99	1.98	5.34	1.10	8.75	5.33	2.57	1.66	4.29	
September ...	1.34	2.79	2.76	3.77	2.07	3.10	1.85	2.17	.51	1.47	
October ...	0.65	2.49	1.52	6.00	2.24	2.12	2.63	1.30	2.82	3.08	
November ...	7.28	3.41	4.23	4.28	1.06	1.08	1.89	.96	5.53	3.31	
December ...	2.77	4.07	3.26	4.70	5.72	3.89	3.96	4.65	4.05	3.46	
TOTALS ...	38.11	29.71	27.56	43.35	24.70	35.48	34.48	33.57	23.59	30.84	
	D	D	D	D	D	D	D	D	D	D	

119 92 86 135 77

15.10.54 2.30p.

308570

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NI(24)309569

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted gmcg

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	- 6.2 D 14-19	✓	✓	✓	

Station No. 515**RAINFALL at Moorfoot Hills (Rosebery)****51**County of MidlothianObserver Edinburgh Water EngineerRiver Basin 4. EskType of Gauge CAnnual Average 32.1 in. based on 33.67 (1916-50) years obs. un-weighted. Period of average Ref.File No. R91

Diameter ...	5"											
Height ...	6"											
Altitude ...	750'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.45	3.48	.69	3.61	2.24	2.32	3.75	2.39	1.23	3.80	2096	
February ...	2.79	.72	.91	1.64	2.27	2.35	3.03	2.45	.56	3.11	2003	
March ...	3.33	1.65	.40	2.10	1.58	1.70	2.17	2.11	.88	1.40	1762	
April ...	3.54	1.80	2.85	1.24	.73	.76	1.42	2.33	2.04	1.44	1821	
May ...	3.22	1.78	2.50	6.05	2.34	1.31	2.00	2.21	.58	1.28	2827	
June ...	2.03	2.50	2.13	2.56	.68	3.08	2.26	3.31	1.49	1.18	2152	
July ...	2.94	2.03	4.33	2.06	2.67	5.42	4.19	6.92	2.91	2.69	3616	
August ...	4.77	2.99	1.98	5.34	1.10	8.75	5.33	2.57	.66	4.29	3778	
September ...	1.34	2.79	2.76	3.77	2.07	3.10	1.85	2.17	.51	1.47	2183	
October ...	.65	2.49	1.52	6.00	2.24	2.12	2.63	1.30	2.82	3.08	2485	
November ...	7.28	3.41	4.23	4.28	1.06	1.08	1.89	.96	5.53	3.31	3303	
December ...	2.77	4.07	3.26	4.70	5.12	3.89	3.96	4.65	4.05	3.46	4053	
TOTALS ...	38.94	29.71	27.56	43.35	24.70	35.88	34.48	33.54	23.59	30.84	32179	

1954 Inspected 15.10.54.

W. 2g → 36/30 9870

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1937			Gorebridge	4m N	Temple	2m N

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
C 1950	✓	✓	✓	✓	✓