

# RAINFALL AT *Gorebridge, Middleton*

Lat. .... Lon. .... County of *Edinburgh*  
 Rain Gauge, by .... Observer, *Miss. Anstruther*

*212-4.*

Diameter ....							5				
Height .....									- 6		
Altitude ....							750				
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....							3.92	1.95	2.76	1.29	
February ....							1.05	1.21	2.14	1.66	
March .....							4.20	2.37	3.85	1.99	
April .....							1.65	.70	2.36	3.17	
May .....							5.13	2.67	1.21	1.33	
June .....							1.48	.92	2.39	1.25	
July ..							3.11	2.90	5.42	4.62	
August .....							1.51	2.08	2.47	6.73	
September...							3.16	4.44	.65	1.17	
October ....							5.74	2.30	1.72	6.27	
November...							3.33	5.70	7.32	.80	
December...							3.24	2.59	1.52	2.02	
TOTALS ....							37.52	29.83	33.81	32.30	

# RAINFALL AT *Gorebridge Middleton*

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

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

County of *Edinburgh*

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

Observer *Wm. Anstruther*

*22-14.*

Diameter ....	5										
Height .....	0 6		1.0								
Altitude ....	750										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.27	1.28	1.88	1.67	3.02	2.44					
February ....	1.22	.32	2.67	3.92	7.16	.95					
March .....	2.70	4.53	1.53	.65	1.69	4.27					
April .....	1.05	1.67	2.43	1.07	1.71	1.75					
May .....	1.99	2.36	4.04	1.65	4.36	1.08					
June .....	4.72	.69	3.29	4.39	3.36	2.42					
July .....	2.66	3.25	1.76	3.59	1.74	6.39					
August .....	5.61	6.84	4.43	3.74	4.82	3.70					
September....	2.29	6.91	2.04	1.53	1.16	.77					
October .....	3.04	3.13	5.16	1.88	3.05	4.40					
November....	4.97	3.35	1.66	2.89	2.24	3.72					
December ....	2.94	5.96	1.44	3.19	2.12	3.34					
TOTALS ....	37.46	40.29	32.33	30.17	36.43	35.23	No Reply				

RAINFALL at Dean Bank, ForebridgeCounty of MidlothianObserver A. Wilson Spalding Esq.River Basin ESK - 4

Rain Gauge, by

Diameter ...						5	5				
Height .....						1	0	1	1	0	
Altitude ...						500	500				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...						1.49	2.81	2.23	1.83	3.20	
February ...						2.72	3.58	7.3	2.59	1.79	
March .....						1.09	4.06	1.31	.93	2.33	
April .....						1.01	3.79	2.20	1.02	3.63	
May .....						1.12	4.51	1.76	2.66	.78	
June .....						1.37	3.35	1.38	.54	1.93	
July .....						4.83	4.53	1.77	3.70	.82	
August .....						3.02	4.03	4.59	1.68	1.90	
September..						2.96	2.07	2.17	4.27	2.94	
October ...						1.56	4.47	3.18	3.67	2.90	
November ..						1.27	3.55	2.19	2.35	5.14	
December...						4.31	2.70	2.26	2.01	4.06	
TOTALS ..						26.75	43.45	25.77	27.25	31.42	

Oak Tree 30 ft high 40 ft NE  
 Wall 41 - 40 SW  
 1915. Rec'd 24 July Est'd 17 Dec 1917

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1916	55°30'	3°3'	Forebridge	1/4 mile	SW	Stobhill	1/2 mile	NW



RAINFALL at Gorebridge (Deanbank)County of MidlothianObserver A. Wilson Spalding, Esq.River Basin Gr - 41929 W.S.B. Brown.Howard. Rain Gauge, by

Diameter ...	5											
Height .....	1.0											
Altitude ...	560										560'	1930 MEANS.
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
January ...	3.27	5.20	2.13	1.34	2.17	2.70	2.86	2.15	4.68	1.19	2.86	
February ...	2.72	.96	2.16	3.68	.87	4.43	2.15	1.06	2.33	1.03	.93	
March .....	2.77	2.48	2.04	1.31	.74	3.10	1.62	2.27	2.55	.33	2.39	
April .....	2.48	.87	1.84	2.74	1.15	4.13	2.18	1.41	1.22	1.68	1.17	
May .....	2.16	1.75	.91	2.68	3.98	4.06	3.44	1.65	1.87	1.78	1.17	
June .....	.94	.62	2.58	1.09	1.72	.65	3.83	3.25	5.00	2.30	1.40	
July .....	2.56	2.44	3.70	2.65	3.89	1.44	3.40	2.50	2.17	3.58	3.61	
August .....	5.63	4.31	1.61	3.80	2.68	3.64	2.27	6.11	5.70	4.18	4.87	
September...	1.40	1.77	2.09	1.99	3.42	4.97	3.70	8.38	2.18	.20	4.14	
October .....	1.64	4.03	2.42	2.83	2.83	1.85	3.47	3.33	3.62	2.73	2.87	
November...	2.12	1.14	1.60	4.17	1.38	.80	3.11	2.49	3.49	3.15	4.15	
December...	2.61	2.85	2.94	2.68	2.87	2.96	.99	2.21	2.23	4.08	1.38	
TOTALS...	32.30	28.42	26.02	30.96	27.70	34.73	33.02	36.81	37.04	26.23	30.64	

1920 colt tree 30 ft. 40 ft. off. N.E.Wall to " " " S.W.

1929 { Sept. 1st g. moved  $\frac{1}{2}$  mile N.W.  
 Garden Wall 4' high 12' N. E. + S.  
 Classroom 18' " 30' N.W.  
 House 18' " 36' S.W.

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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	55° 30'	5° 3'	Gorebridge	$\frac{1}{4}$ m.	S.W.	Stobhill	$\frac{1}{2}$ m.	N.W.

RAINFALL at GorebridgeCounty of MidlothianObserver W. S. B. Brown.River Basin H - EskType of Gauge HowardAnnual Average 29.3 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. Summary  
computed xi/36

Diameter	5"										
Height	1' 0"										
Altitude	560'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.85	3.02	2.40	2.48	1.37	3.47	2.74	3.57	5.12	.91	
February	1.72	.59	1.64	.09	2.38	3.63	3.75	1.30	1.76	1.24	
March	1.25	2.52	.68	4.35	1.00	3.17	2.53	.62	3.28	3.09	
April	2.22	2.11	2.09	4.44	2.65	2.00	1.17	.27	1.71	1.88	
May	2.65	2.83	1.88	1.69	.88	.97	3.13	3.43	.81	2.48	
June	4.40	1.17	2.69	2.65	2.58	1.43	.88	4.46	2.24	.45	
July	3.92	2.40	3.81	2.22	.77	4.78	5.08	2.84	1.85	7.80	
August	6.46	.48	1.02	3.29	2.63	1.22	3.05	1.70	2.48	.74	
September	1.60	2.73	2.44	1.41	3.00	2.80	1.99	1.97	1.64	3.08	
October	1.34	5.79	2.31	4.32	6.72	2.42	3.69	5.01	3.06	2.56	
November	3.38	1.65	1.56	3.36	3.88	3.20	.66	4.20	3.62	4.21	
December	1.33	4.70	1.03	2.86	1.30	2.08	5.01	2.60	.87	1.67	
TOTALS	32.12	29.89	23.55	33.16	29.16	31.22	33.68	31.97	28.44	30.11	

931. Garden wall 4' high 12' N.E. + S. Classroom 18' high 30' N.W. House 18' high 36' S.W.

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
1931.			Gorebridge	35 ft.	SSE	Stobhill	60 yds.	W.N.W.

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

Station No. 5117

RAINFALL at Gorebridge

County of Midlothian

Observer W. S. B. Brown Esq. revised August 43

River Basin 4 - Esk

William Esson Esq.

Type of Gauge Howard

Annual Average 29.2 in. based on 18 years obs. wt-weighted. Period of average 1881-1915 Ref Survey.

File No.

Diameter	5"				901	255					
Height	1'0"					1					
Altitude	560'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.79	3.39	2.19	1.76	3.49	1.85	2.76	5.74	2.54	1.28	
February	3.43	1.26	1.76	1.40	2.46	.99	1.07	2.22	1.41	3.36	
March	2.71	1.43	1.58	.23	1.08	2.08	3.51	1.14	1.07	2.14	
April	1.51	1.33	1.22	1.73	.97	.53	3.93	2.23	1.17	2.68	
May	2.66	1.13	3.33	2.82	3.97	1.89	2.71	2.19	1.94	1.63	
June	1.00	1.39	2.00	2.18	1.15	1.61	3.12	3.81	1.15	1.36	
July	2.52	3.41	2.48	2.21	1.66	3.24	2.66	1.65	2.74	3.15	
August	3.41	2.62	(3.50)	2.41	3.85	3.81	.18	8.93	2.09	2.18	
September	0.78	2.22	(1.25)	5.11	2.94	2.05	1.29	2.39	1.49	6.69	
October	2.82	3.19	(3.70)	2.13	3.02	.71	.80	1.22	4.54	2.34	
November	2.04	.67	.90	5.78	.32	3.97	3.41	1.73	3.57	4.72	
December	.97	1.35	.96	2.41	1.59	1.88	2.03	2.36	4.70	1.88	
TOTALS	26.64	23.39	34.87	30.17	26.50	25.61	27.46	35.61	28.41	32.41	

Compiled by Newbould &amp; Pochey

00344

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. 517

RAINFALL at Gorebridge

51

County of Midlothian

Observer William Egan Esq.

River Basin 4 - Esk

Hugh Arnott Esq. (May 1951)

Type of Gauge Howard

The Headmaster

Annual Average 29.7 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. Survey  
" 30.11 " " 38 " " within 1916-58 " " 1916-50 " S  
" " " " " " File No.

Diameter ...	5"				901	255					
Height ...	1' 0"					1					
Altitude ...	560'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.05	2.71	0.65	3.40	2.32	1.57	3.30	-100 NR	1.20	3.08	
February ...	2.63	2.48	.86	1.47	1.75	-100	2.43	-100 NR	.43	2.55	
March ...	3.20	1.36	.31	1.57	1.48		1.42	1.93	.76	1.79	
April ...	2.87	1.46	2.74	1.08	.19		.84	2.44	2.05	1.25	
May ...	3.20	1.52	2.45	5.40	2.07		1.51	1.81	.45	1.22	
June ...	1.73	2.26	2.01	2.60	.52	-100	1.42	2.75	2.32	1.39	
July ...	2.74	2.99	4.63	2.00	2.01	4.05	3.83	5.75	2.08	3.16	
August ...	4.82	3.87	1.75	4.99	1.03	9.73	5.75	2.38	.38	4.78	
September ...	1.20	2.77	2.75	3.36	1.27	3.63	1.52	2.01	.50	1.30	
October ...	0.51	1.90	1.35	4.92	(1.45)	2.12	1.97	1.72	2.41	2.89	
November ...	4.47	3.08	3.27	3.34	(.75)	.99	2.05	.43	5.27	2.18	
December ...	2.02	3.01	2.70	4.09	4.25	2.94	3.15	4.07	3.49	2.83	
TOTALS ...	32.44	27.41	25.47	38.22	19.89	-100	29.19	-100	21.34	28.72	
	d	d	d	d	d	inc. m.p.	d	inc. m.p.	d	d	

1957 Dec. ex MDE  
19.58 m.k. inc

Ins 2.9.60. G. old m.k. sound. Replacement rec. o/s to N by wire netting 2 1/2' high 2 1/2' distant; to ESE by ordnance elev 30'; to SE by pole 35' high 12' away to W by pole 6' high 6' distant. to NW classroom 18' high 30' distant. Howe SE m.k. still o/s

00069

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference NT(36)34418

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

Summary of Earlier Records from 10-year Sheets :

+ completed m.

Jan

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1915	✓	✓	✓ n.p. 1943	
	- but 17-19	✓	✓	✓ but 1950	

Station No. 5117

51

RAINFALL at GorebridgeCounty of MidlothianObserver Hugh Amott Esq.River Basin 4. EskThe HeadmasterType of Gauge EAnnual Average 29.3 in. based on ..... years obs. un-weighted. Period of average ..... Ref. ....File No. R 4

Diameter ...	5"										
Height ...	1'										
Altitude ...	560'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.05	2.71	1.65	3.40	2.32	1.57	2.30	X	1.20	3.08	
February ...	2.63	1.48	1.86	1.47	1.75	m	2.43	X	1.43	2.55	
March ...	3.20	1.36	1.31	1.57	1.48	m	1.42	1.93	1.76	1.79	
April ...	2.87	1.46	2.74	1.08	1.19	m	1.84	2.44	2.05	1.25	
May ...	3.20	1.52	2.45	5.40	2.07	m	1.51	1.81	1.45	1.22	
June ...	1.73	2.26	2.01	2.60	1.52	m	1.42	2.75	2.32	1.39	
July ...	2.74	2.99	4.63	2.00	2.01	4.85	3.83	5.75	2.08	3.16	
August ...	4.82	3.87	1.75	4.99	1.03	9.73	5.75	2.38	1.38	4.78	
September ...	1.20	2.77	2.75	3.36	1.27	3.63	1.52	2.01	1.50	1.30	
October ...	1.51	1.90	1.35	4.92	(1.45)	2.12	1.97	1.12	2.41	2.89	
November ...	4.47	3.08	3.27	3.34	(1.75)	1.99	2.05	1.93	5.24	2.48	
December ...	2.02	3.01	2.70	4.09	(4.25)	2.94	(3.15)	4.04	3.49	2.83	
TOTALS ...	32.44	27.41	25.47	38.22	19.09	29.19	29.19	29.19	21.34	28.72	
	d	d	d	d	d	d	d	d	d	d	

Inspected 2/1/60. Gauge sound but of obsolete pattern. Slight non-continuous (in glass) and chattering all round. Impossible to avoid some over-estimating but slight more of gauge suggested to return and chattering to minimum. Also suggested new gauge of approved pattern to be obtained.  
1958 n.p.

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference 36/344618

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1936			Gorebridge	3.5 fur. SSE	Stobhill	60 yds WNW

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C19E	✓	✓	✓	✓