

RAINFALL AT Gorebridge, Middleton

Lat. .... Lon. .... County of Edinburgh.  
Rain Gauge, by Observer Miss A. Australasia.

5K-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 Mr Austruther

~~82R - 4f.~~

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	2.26	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	35.83	No Reply				

RAINFALL at Dean Bank, GorebridgeCounty of MiddlelothianObserver A. Wilson Spalding Esq.

River Basin

Esk - 1f

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

Diameter ...	5	5								
Height .....	1' 0	1' 10								
Altitude ...	500	500								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...					1.49	2.81	2.23	1.83	3.20	
February ...					2.72	3.58	.73	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	4.00	
TOTALS ...					26.75	43.45	25.77	27.25	31.42	

Oak tree 30 ft high 40 ft NE  
 Wall 40 ft 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'	Gorebridge	1/4 mile	SW	Hobhill	1/2 mil	NW

RAINFALL at Gorebridge (Dearbank)County of Middlethorpe.Observer A. Wilson Spalding, Esq.River Basin bk - 41929 W.S.B. Brown.Howard. Rain Gauge, by \_\_\_\_\_

Diameter ...	<u>57</u>									<u>560'</u>	
Height .....	<u>1.0</u>									<u>1930</u>	
Altitude ...	<u>500</u>									<u>MEAN.</u>	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January	<u>2.27</u>	<u>5.20</u>	<u>2.13</u>	<u>1.34</u>	<u>2.17</u>	<u>2.70</u>	<u>2.86</u>	<u>2.15</u>	<u>4.68</u>	<u>1.19</u>	<u>2.86</u>
February	<u>2.72</u>	<u>9.6</u>	<u>2.16</u>	<u>3.68</u>	<u>1.87</u>	<u>4.43</u>	<u>2.15</u>	<u>1.06</u>	<u>2.33</u>	<u>1.03</u>	<u>.93</u>
March	<u>2.77</u>	<u>2.48</u>	<u>2.04</u>	<u>1.31</u>	<u>1.74</u>	<u>3.10</u>	<u>1.62</u>	<u>2.27</u>	<u>2.55</u>	<u>.33</u>	<u>2.39</u>
April	<u>2.48</u>	<u>.97</u>	<u>1.84</u>	<u>2.74</u>	<u>1.15</u>	<u>4.13</u>	<u>2.18</u>	<u>1.41</u>	<u>1.22</u>	<u>1.68</u>	<u>1.17</u>
May	<u>2.16</u>	<u>1.75</u>	<u>.91</u>	<u>2.68</u>	<u>3.98</u>	<u>4.06</u>	<u>3.44</u>	<u>1.65</u>	<u>1.87</u>	<u>1.78</u>	<u>1.17</u>
June	<u>.94</u>	<u>.62</u>	<u>2.58</u>	<u>1.09</u>	<u>1.72</u>	<u>.65</u>	<u>3.83</u>	<u>3.25</u>	<u>5.00</u>	<u>2.80</u>	<u>1.40</u>
July	<u>2.56</u>	<u>2.44</u>	<u>3.70</u>	<u>2.65</u>	<u>3.89</u>	<u>1.44</u>	<u>3.40</u>	<u>2.50</u>	<u>2.17</u>	<u>3.58</u>	<u>3.61</u>
August	<u>5.63</u>	<u>4.31</u>	<u>1.61</u>	<u>3.80</u>	<u>2.68</u>	<u>3.64</u>	<u>2.27</u>	<u>6.11</u>	<u>5.70</u>	<u>4.18</u>	<u>4.87</u>
September	<u>1.40</u>	<u>1.77</u>	<u>2.09</u>	<u>1.99</u>	<u>3.42</u>	<u>4.97</u>	<u>3.70</u>	<u>8.38</u>	<u>2.18</u>	<u>2.20</u>	<u>4.14</u>
October	<u>1.64</u>	<u>4.03</u>	<u>2.42</u>	<u>2.83</u>	<u>2.83</u>	<u>1.85</u>	<u>3.47</u>	<u>3.33</u>	<u>3.62</u>	<u>2.73</u>	<u>2.67</u>
November	<u>2.12</u>	<u>1.14</u>	<u>1.60</u>	<u>4.17</u>	<u>1.38</u>	<u>1.80</u>	<u>3.11</u>	<u>2.49</u>	<u>3.49</u>	<u>3.15</u>	<u>4.15</u>
December	<u>2.61</u>	<u>2.85</u>	<u>2.94</u>	<u>2.68</u>	<u>2.87</u>	<u>2.96</u>	<u>.99</u>	<u>2.21</u>	<u>2.23</u>	<u>4.08</u>	<u>1.38</u>
TOTALS...	<u>32.30</u>	<u>28.42</u>	<u>26.02</u>	<u>30.96</u>	<u>27.70</u>	<u>34.73</u>	<u>33.02</u>	<u>36.81</u>	<u>37.04</u>	<u>26.23</u>	<u>30.64</u>
	<u>0</u>										

1920 oak tree 30 ft. 40 ft. off. N.E.

Wall etc. " " " off N.W.

1909 { Sept. 1<sup>st</sup> g. moved 1 mile N.E.  
 Garden Wall 4' high 12' N. E. & S.  
 Classroom 18' " 30' N.W.  
 House 18' " 36' S.E.

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

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	<u>55° 30'</u>	<u>5° 3'</u>	<u>Gorebridge</u>	<u>1 m.</u>	<u>N.W.</u>	<u>Hobhill</u>	<u>1 m.</u>	<u>N.W.</u>

RAINFALL at GorebridgeCounty of MiddlethianObserver W.S.B. Brown.River Basin H - EskType of Gauge Standard.Annual Average 29.3 in. based on 18 years obs. wt-weighted. Period of average 1881-1915Ref. Sunray.Computed x 1/36

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	3.68	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	3.01	2.60	.87	1.67		
TOTALS	32.12	D 29.89	23.55	33.16	29.16	31.22	33.68	31.97	28.44	30.11		
		D	D	D	D	D	D	D	D	D		

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	Parish Church.	Distance from gauge	Direction
1931.			Gorebridge	3.5 fur.	SSE	Stobhill	60 yds.	W.N.W.

Station No. 517

41

## RAINFALL at Gorebridge

County of Midlothian

Observer

W.S.B. Brown Esq. +3  
retired August 1943

River Basin 4 - Esk

William Esson Esq.

Type of Gauge Howard

Annual Average 29.3 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
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	3.05	1.29	2.39	1.49	5.69
October	2.82	3.19	(3.70)	2.13	3.02	.71	.80	1.22	4.54	2.34
November	3.04	.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

Completed by Newbattle &amp; Roslin

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

BRITISH RAINFALL ORGANIZATION

Station No. 5117

## RAINFALL at

Sorendridge

51

County of middlesbrough

Observer william evans Esq.

River Basin. 4 - Esse

Hugh Arnott, Esq. (May 1951)

Type of Gauge. Howard

The Headmaster

Annual Average 29.3 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref Survey.  
 " 30.11 " " 38 " " within 1916-58. " " 1916-58 " 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	9.08	
February	2.63	0.48	.86	1.47	1.75	-100	2.43	-100 NR	.45	2.55	
March	3.20	1.36	.81	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	8.75	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	1.85	4.92	(1.45)	2.12	1.97	1.12	2.41	2.89	
November	4.47	3.08	3.27	3.34	(7.75)	.99	2.05	.93	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	(19.09)	-100 inc. m.p.	29.19	-100 inc. m.p.	21.34	28.72	
d	d	d	d	d	d				d	d	

1951 like 6x NDE

Ins 2.9-60. q. old but sound. Replacement rec. 0/5  
 19.38 inc inc  
 to N by wire netting 2½' high 2½' distant; to ESE  
 by outhouse 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. More # SE low still 0/5

00064

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NT(3.5)344118

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

Summary of Earlier Records from 10-year Sheets :

+ replaced yr.

JULY

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1915	✓	✓	✓	✓
		- but 3 17-19	✓	✓	✓	✓ but 2-50

Station No. 5117

51

## RAINFALL at Gorebridge

County of Midlothian

Observer Hugh Arnott Esq.

River Basin 4 Esk

The Headwaters

Type of Gauge E

Annual 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	3.30			1.20	3.08	
February ...	2.63	1.48	1.86	1.47	1.75	nr	2.43			1.43	2.55	
March ...	3.20	1.36	1.31	1.57	1.48	nr	1.42	1.93	1.76	1.79		
April ...	2.87	1.46	2.74	1.08	1.19	nr	1.84	2.44	2.05	1.25		
May ...	3.20	1.52	2.45	5.40	2.07	nr	1.51	1.81	1.45	1.22		
June ...	1.73	2.26	2.01	2.60	1.52	nr	1.42	2.75	2.32	1.39		
July ...	2.74	2.99	4.63	2.00	2.01	4.85	3.83	5.45	2.08	3.16		
August ...	4.82	3.87	1.75	4.99	1.03	9.73	5.75	2.38	3.8	4.48		
September ...	1.20	2.77	2.75	3.36	1.27	3.63	1.52	2.01	.50	1.30		
October ...	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	(.75)	.99	2.05	.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	2mp	29.19	1mp	21.34	28.72		
	d	d	d	d	a		d	d	d	d		

Inspected 2/1/60. Gauge round but of slot-hole pattern. Slight non-continuous (in place) over-shielding all round. Impossible to avoid some over-shielding but slight move of gauge suggested to reduce over-shielding to minimum. Also suggested new gauge of off-set pattern to obtain better coverage.

1958 np.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 36/3444618

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1936			Gorebridge	3.5fur SSE	Stobhill	6yds WNW

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 194 E -	✓	✓	✓	✓