

# RAINFALL AT *Wetfele*

60

*Roxburgh.*

Rain } By.....  
Gauge } Diameter.....in.

Height above Ground, ..... ft. .... in. Above Mean Sea Level, ..... ft.

*Series TC - 3.*

YEAR.....							1866	1867	1868	1869	MEANS.
January .....							9.00		5.20	3.90	
February .....							5.59		4.48	5.39	
March .....							1.70		4.85	90	
April .....							4.35		3.14	1.20	
May .....							1.08		2.50	4.20	
June.....							1.40		11.26	2.30	
July .....							6.18		2.64	.60	
August .....							2.18		3.05	1.36	
September ...							4.05		3.57	6.14	
October.....							1.82		3.20	2.30	
November.....							2.98		3.16	2.90	
December.....							5.61		9.62	9.38	
TOTALS .....							46.74		46.65	40.57	

*1868 Jan - July Observations omitted  
Longness taken -*

# RAINFALL AT *Laurick Wolflee*

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

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

County of *Roxburgh*

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

Observer *W. Elliot, B.L., F.R.S.*

*Series - 3.*

Diameter ....	5											
Height .....	0.6											
Altitude ....	6017							587?				
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	2.87	1.21	3.21	6.80	6.40	3.72	3.73	3.34	1.43	1.62	3.433	
February ....	4.49	3.05	4.85	4.65	4.45	5.88	85	2.29	1.95	1.98	3.444	
March .....	2.25	3.62	4.23	2.56	4.50	1.49	4.59	1.80	3.24	3.24	3.152	
April .....	3.63	1.44	3.37	1.70	2.47	3.45	2.66	1.44	2.55	2.56	2.527	
May .....	1.66	2.50	2.19	2.53	2.60	3.12	3.49	.94	2.10	1.82	2.345	
June .....	1.60	2.94	4.36	(4.11)	(.40)	.00	1.62	.40	2.75	.47	1.865	
July .....	4.39	2.28	4.28	5.47	(5.80)	1.19	4.44	3.60	5.53	2.97	3.995	
August .....	1.03	6.24	2.60	3.61	1.34	3.39	1.23	2.07	2.24	3.76	2.751	
September....	4.29	3.25	2.80	5.26	4.32	4.31	4.45	4.53	.87	1.72	3.580	
October .....	3.96	3.39	2.87	5.88	1.37	3.83	6.08	1.44	4.64	6.63	4.023	
November....	5.13	8.61	4.62	4.48	3.65	2.52	4.94	4.50	6.57	1.03	4.605	
December....	3.03	4.62	6.18	2.00	6.05	2.60	3.77	3.56	4.50	3.24	3.957	
TOTALS ....	38.33	43.15	45.50	(49.05)	43.49	35.50	42.37	29.91	38.37	31.04	39.677?	

1880. *Hobkirk*

$1\frac{1}{4}$  miles

N.W.

House 60ft high 150 ft NW

Trees 20ft - 25ft 6m. NE

*Wolflee* is on a spur of the Cheviot range at the base of a hill

# RAINFALL AT *Hobkirk Nolflee*

Lat.....

Lon.....

County of... *Roxburyshire*

.....Rain Gauge, by.....

Observer

*G. Elliot*

*Series C-3.*

Diameter.....	—	—					5				
Height.....	—	—					3				
Altitude.....	—	—		604		608		601			
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	4.42	3.26	6.43	8.15	4.39	6.82	3.38	8.16	4.18	1.35	5.004
February.....	3.72	3.63	4.23	1.74	3.06	1.21	4.89	2.09	1.96	4.02	3.088
March.....	1.50	3.34	4.18	2.80	2.53	2.15	4.38	2.07	1.56	4.63	2.864
April.....	1.00	4.56	3.08	.43	4.83	1.00	3.23	3.72	1.87	1.87	2.639
May.....	4.20	1.20	3.90	2.09	2.22	2.01	1.16	3.33	3.54	1.50	2.515
June.....	2.56	3.54	3.36	2.06	1.12	2.49	3.33	2.68	3.93	5.04	3.011
July.....	.60	4.55	4.79	3.66	2.85	2.61	1.37	3.24	1.09	5.14	2.990
August.....	3.20	2.10	3.61	4.84	4.85	2.78	3.81	8.10	3.82	3.79	4.090
September.....	.55	2.32	4.04	2.68	4.82	3.71	3.84	3.45	4.05	3.02	3.198
October.....	5.95	1.62	6.58	4.70	8.95	2.91	3.07	5.69	3.37	1.25	4.409
November.....	2.60	2.61	6.98	4.12	3.97	4.42	3.75	6.19	5.05	2.16	4.188
December.....	3.20	4.57	5.86	2.52	3.31	2.75	6.79	2.52	2.41	4.81	3.874
TOTALS.....	33.50	37.30	57.24	39.29	46.40	34.86	43.00	51.24	36.83	38.58	41.804

1877 Feby wrongly printed in R.G.R. as 123 in

Hobkirk church 1 1/2 mile N.W.



# RAINFALL AT

*Hawick Woffelae*

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

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

County of *Roxburgh*

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

Observer *J. T. S. Elliot Esq*

*Series 1C-3*

Diameter ....	5										
Height .....	0 6										
Altitude ....	587				601						
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	7.99	2.66	2.50	2.14	6.06	3.29	1.98	1.40	1.82	5.85	3.569
February ....	1.17	.11	1.85	4.27	11.16	1.29	2.28	3.41	2.57	3.85	3.196
March .....	3.12	3.77	1.17	1.25	2.78	5.70	4.18	5.21	2.00	4.25	3.343
April .....	.90	1.57	1.67	.64	1.56	2.47	1.39	2.20	3.00	3.46	1.886
May .....	2.04	2.12	3.66	.27	3.21	1.06	.91	2.77	2.75	3.24	2.203
June .....	3.10	.87	3.82	2.50	3.27	1.47	2.06	3.15	2.25	1.30	2.379
July .....	2.23	2.99	2.30	3.50	1.55	5.54	2.82	3.09	.89	3.09	2.800
August .....	3.30	6.86	5.06	4.00	5.62	2.98	.93	5.34	2.38	.52	3.699
September....	1.81	8.37	3.41	.96	1.11	.47	4.80	2.92	1.01	1.92	2.678
October .....	1.81	4.19	6.05	1.76	4.25	5.96	6.42	2.98	3.69	4.24	4.135
November....	6.69	3.32	2.89	3.26	5.53	5.83	1.51	3.87	4.83	6.98	4.471
December ....	1.55	6.80	1.35	5.53	4.74	3.14	5.64	6.00	7.38	1.68	4.381
TOTALS ....	35.71	43.63	35.73	30.09	50.84	39.20	34.92	42.34	34.57	40.38	48.740

*1893 June to August no observations*

*Missing months estimated from Branchburn*

RAINFALL AT Hawick Wolflee

Lat. ....

Lon. ....

County of Roxburgh

Rain Gauge, by .....

Observer

Dr Buchanan F.R.S. Scot. Nat. Soc.Serial No. - 3.W. Gordon Gordon Esq. Clerk

Diameter ..						5					
Height ....	0	6				0	10				
Altitude ..	601	587									
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.06	1.83	2.22	7.43	3.81	.79	2.75	.66	2.88	2.97	2.940
February ..	<del>4.50</del>	1.44	1.81	7.82	4.07	1.42	1.88	1.42	2.04	1.75	2.865
March ....	1.10	2.95	2.27	9.42	2.99	3.17	1.86	2.39	3.93	4.70	3.478
April .....	3.22	3.99	2.59	.64	3.44	2.44	1.12	2.92	1.45	3.30	2.511
May .....	<del>2.84</del>	2.19	2.68	1.83	2.65	1.13	5.94	4.71	2.60	1.48	2.589
June .....	4.79	1.81	2.36	1.10	2.76	1.41	1.94	4.29	1.39	1.80	2.365
July .....	2.21	3.19	3.68	4.44	1.89	1.72	2.16	3.10	3.30	2.22	2.791
August ....	5.65	2.79	2.23	3.93	3.59	3.30	4.86	2.40	2.77	1.58	3.310
September ..	2.78	1.32	1.41	4.18	1.09	2.63	.60	.49	2.99	2.39	1.988
October .....	<del>4.49</del>	2.55	3.05	9.28	1.11	2.05	5.91	6.45	1.70	5.14	4.173
November ..	4.66	4.87	2.22	2.15	2.22	3.96	3.21	2.66	1.72	.85	2.852
December ..	9.50	5.10	5.45	2.51	1.84	.96	2.20	4.37	1.36	3.18	3.647
TOTALS ..	<del>42.80</del>	34.03	31.97	54.73	31.46	24.98	34.48	35.86	28.13	31.36	35.509

Feb 00 cor + 17.14 1900. Value for Feb originally (5.00). Value of 4.50 in - for day 2.4 in supplied by H. Oldie who has daily values. File 283933/33 Jan 1903

# RAINFALL at Hawick, Wofflee

County of Roxburgh <sup>Levi's &c.</sup> 3. Observer Scot. Meteorological Socy  
Mr W. Steedman (1914).  
 River Basin Tweed Right bank tributaries

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

Diameter ...	5											
Height .....	0	10										
Altitude ...	587				587				537			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.45	1.31	3.79	3.19	3.17	1.86	4.98	4.50	5.53	3.03	3.381	
February ...	4.43	1.99	3.03	2.19	4.69	6.30	4.14	1.17	3.56	1.57	3.207	
March .....	2.35	2.57	3.26	5.12	3.75	2.78	3.80	2.12	1.03	3.73	3.051	
April .....	3.31	2.34	4.49	4.26	1.41	1.73	2.81	3.70	.93	2.46	2.344	
May .....	1.45	1.35	1.62	3.05	2.41	2.31	4.03	3.45	(2.60)	1.38	2.365	
June .....	1.72	4.09	5.77	1.97	2.74	1.10	2.50	2.44	.73	1.21	2.427	
July .....	4.32	1.08	3.23	1.47	2.38	3.94	5.01	2.39	3.25	.90	2.797	
August .....	5.66	2.06	6.13	1.85	2.12	2.59	5.69	8.34	2.11	2.82	3.937	
September ..	.58	2.05	3.15	2.62	1.04	2.39	2.85	2.99	6.98	1.93	2.658	
October ...	2.08	2.42	3.41	4.25	1.47	1.22	5.94	5.02	5.86	3.51	3.518	
November ..	3.95	4.73	2.52	2.89	5.37	1.67	5.76	3.14	2.78	5.54	3.835	
December ...	2.69	5.91	3.97	2.86	8.31	5.68	3.86	2.52	2.72	6.19	4.471	
TOTALS ...	34.99	31.90	40.37	35.72	38.86	33.57	51.37	41.78	(38.08)	34.27	38.091	

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



RAINFALL at Howick (Wolfelee)County of Roxburgh.Observer W. Steelman Esq.

R. M. Hudson (1921)

River Basin 3. Tweed Tiviot & C.

Capt. Patten 1923

(1927) Mr. F. Hay.

Rain Gauge, by

Mr. Brown  
per T. Lockie

Diameter ...	5											
Height .....	0.10											
Altitude ...	537											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	4.19	6.29	2.96	2.56	3.40	3.71	4.53	4.23	9.22	1.35	4.79	
February ...	3.51	4.9	3.15	5.44	9.7	5.14	3.49	1.58	3.36	1.03	.89	
March .....	5.51	4.14	2.61	1.31	9.5	2.30	1.65	2.85	5.34	.24	2.48	
April .....	2.82	.83	3.09	2.46	2.03	3.56	3.23	2.57	1.05	1.50	1.71	
May .....	4.07	2.50	9.4	1.84	4.22	5.30	2.67	2.04	2.13	2.58	1.51	
June .....	1.33	61	1.40	1.24	1.02	.33	3.75	2.80	4.94	1.54	2.05	
July .....	4.79	3.28	5.28	2.21	3.19	1.11	3.47	3.56	1.69	3.42	4.65	
August .....	3.08	6.02	2.75	6.90	2.11	3.35	3.78	6.99	5.38	5.91	4.98	
September...	1.42	1.38	2.56	3.17	4.55	4.00	4.12	6.42	1.25	.70	2.73	
October .....	1.80	3.24	2.66	4.92	4.00	3.67	3.70	4.15	6.09	2.95	5.59	
November...	3.39	1.83	1.21	4.82	1.62	1.74	5.52	3.56	4.57	4.53	4.53	
December...	4.20	3.49	4.76	2.87	7.71	4.54	.57	2.83	2.29	7.46	3.83	
TOTALS...	402.1	34.10	33.28	39.74	35.77	38.75	40.48	43.88	47.31	33.21	40.25	

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Harwich (Weslee) M.W.R.  
J. Lockie Mr.  
County of Roxburgh Observer Mrs. Browne  
River Basin 3 - Tweed - Leith & C.  
Type of Gauge M.O.

Annual Average 37.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 331

Diameter	5"											
Height	0' 10"	1' 0"										
Altitude	537'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.05	4.85	5.04	3.78	2.27	5.41	4.61	4.83	6.33	1.43		
February	2.67	.69	3.80	.22	3.22	3.81	4.90	1.58	4.43	1.25		
March	1.22	2.98	1.39	3.72	1.16	2.93	2.72	1.26	4.21	4.32		
April	2.97	2.65	1.21	4.20	2.02	1.69	1.79	.17	1.11	1.50		
May	2.47	2.73	1.98	2.59	1.06	.86	3.60	3.30	1.25	2.45		
June	4.90	1.79	1.91	2.25	4.01	2.49	1.24	3.93	2.83	.67		
July	4.33	3.65	4.31	3.09	1.47	5.93	3.80	4.92	3.43	7.47		
August	3.84	1.45	1.92	4.66	3.35	1.18	2.91	1.04	1.74	.83		
September	2.00	4.47	1.18	2.82	3.73	3.40	2.38	2.59	1.63	3.00		
October	2.36	5.86	3.45	6.43	6.02	2.92	3.12	6.21	3.50	3.08		
November	7.17	1.89	1.55	1.94	4.08	4.14	.76	7.65	4.74	3.97		
December	1.96	5.47	.84	4.78	1.92	4.00	4.12	3.46	1.40	3.59		
TOTALS	38.94	38.48	28.58	40.48	35.31	38.76	35.95	40.94	34.45	33.56		
	<u>d</u>	<u>d</u>	<u>d</u>	<u>d</u>	<u>d</u>	<u>d</u>	<u>d</u>	<u>d</u>	<u>d</u>	<u>d</u>		

1933. Trees 18' high 24' W. Trees 70' high 72' SE. Trees 20' high 36' N.  
Cottage 25' high 33' E.  
1934. Trees 16' high 30' W. Trees 80' high 72' SSE. Cottage 20' high 36' E. Trees 20' high 30' N.  
1935. Bushes 5' " 10' S.

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
			Harwich	9m	WNW	Holbrook	1m N.E.



