

RAINFALL AT *Wolfelace*

Roxburgh.

Rain { By
 Gauge } Diameter in. Height above Ground, ft. in. Above Mean Sea Level, ft.

Serial No. - 3.

YEAR.....	1866	1867	1868	1869	MEANS.
January	9.00	5.20	3.90		
February	5.59	6.48	5.39		
March	1.70	4.85	.90		
April	4.35	3.14	1.20		
May	1.88	2.50	4.20		
June.....	1.40	(1.26)	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	3.14	2.90		
December.....	5.61	9.62	9.38		
TOTALS	46.74	46.65	40.57		

C

C

C

1868 Jan - July Observations omitted
Layman taken -

RAINFALL AT Warwick Wolfelee

Lat.

Lon.

County of Pittsburgh

Rain Gauge, by

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

Seventy - 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	3.458
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	3.68	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	2.10	2.53	2.60	3.12	3.99	.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}	6.20	1.19	4.44	3.60	5.53	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	1.57	3.83	6.08	1.44	4.64	6.63	4.023
November	5.13	8.61	4.62	4.48	3.65	2.62	4.94	4.50	6.57	1.03	4.605
December	3.03	4.62	6.18	2.00	6.05	2.60	3.79	3.56	4.50	3.24	3.957
TOTALS	38.33	43.15	45.60	(49.05)	43.49	35.50	42.37	29.91	38.87	31.04	39.677?

1880. Hobkirk $1\frac{1}{4}$ miles N. W.

House 600 ft. high 150 ft. NW

Trees 20 ft. - 28 ft. 6 in. NE

Wolfelee is on a spur of the Cheviot range at the base of a hill

RAINFALL AT HOBKIRK NOTT. 1870

Lat.....

Long.....

County of Roxburghshire.

.....

Rain Gauge, by.....

Observer G. Elliot

Series no - 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	5.064	
February	3.72	3.63	4.23	1.74	3.06	1.21	4.89	2.09	1.96	4.02	3.053	
March	1.50	3.34	4.18	2.90	2.53	2.15	4.38	2.07	1.56	4.63	2.864	
April	1.00	4.56	3.08	4.43	4.83	1.00	3.23	3.72	1.87	1.87	2.839	
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	6.0	4.55	4.79	9.66	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	1.55	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	6.38	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	4.183	
December	3.20	4.57	5.86	2.52	3.31	2.75	6.79	2.52	2.41	4.81	3.846	
TOTALS	33.50	37.30	57.04	39.29	46.40	34.86	43.00	51.24	36.83	38.58	41.804	

C C C

1877 Feby wrongly printed in R.G.R as 1.23 -

Hobkirk church 1½ mile N.W.

RAINFALL AT Hawick Wolfelee

Lat.

Lon.

County of

Roxburgh

Rain Gauge, by

Observer

J. T. S. Elliot Esq.

Teviot &c - 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
April90	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	20.02	50.84	39.20	34.92	42.34	36.57	40.38	(68.746)

1893 June to August no observations

Missing months estimated from Brancholine

RAINFALL AT Hawik Wolflee

Lat.

Lon.

County of Potowmuck

Rain Gauge, by

Observer Dr. Buchan F.R.S. Soc. Met. Soc.

Visit &c - 3.

W. Gordon London & G. Elliott

Diameter ..							5			
Height ..	0 6				0 10					
Altitude ..	601	587								
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..	4.06	1.83	2.22	7.43	3.81	.79	2.75	.66	2.88	2.97
February ..	4.50	1.44	1.81	7.82	4.07	1.42	1.88	1.42	2.04	1.75
March ..	1.10	2.95	2.27	9.42	2.99	3.17	1.86	2.39	3.93	4.70
April ..	3.22	3.99	2.59	.64	3.44	2.44	1.12	2.92	1.45	3.30
May ..	2.64	2.19	2.68	1.83	2.65	1.13	5.94	4.71	2.60	1.48
June ..	4.79	1.81	2.36	1.10	2.76	1.41	1.94	4.29	1.39	1.80
July ..	2.21	3.19	3.68	4.44	1.89	1.72	2.16	3.10	3.30	2.22
August ..	5.65	2.79	2.23	3.93	3.59	3.30	4.86	2.40	2.77	1.58
September ..	2.78	1.32	1.41	4.18	1.09	2.63	.60	.49	2.99	2.39
October ..	4.49	2.55	3.05	9.28	1.11	2.05	5.91	6.45	1.70	5.14
November ..	4.66	4.87	2.22	2.15	2.22	3.96	3.21	2.66	1.72	.85
December ..	9.50	5.10	5.45	2.51	1.84	.96	2.20	4.37	1.36	3.18
TOTALS ..	49.80									3136.355.09
	(16.14)	34.03	31.97	54.73	31.46	24.98	34.43	35.86	28.13	

Feb. 00 est?

4 18.17.1900. Value for Feb. originally (5.00). Value of 4.50 in & for May 2.64 in supplied by M.O.E. who have daily values. File 282932/23 loc. 178

RAINFALL at Hawick, Wolfclaw.

County of Roxburgh ^{Scot. Meteorological Soc.}
 River Basin Tweed - Right bank tributary ^{No. 3. W. Steedman (1914).}

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	3381	
February ...	4.43	1.99	3.03	2.19	4.69	6.30	4.14	1.17	3.56	1.57	3307	
March	2.35	2.57	3.26	5.12	3.75	2.78	3.80	2.12	1.03	3.73	3051	
April	3.31	2.34	4.49	4.26	1.41	1.73	2.81	3.70	.93	2.46	2344	
May	1.45	1.35	1.62	3.05	2.41	2.81	4.03	3.45	(2.60)	1.38	2365	
June	1.72	4.09	5.77	1.97	2.74	1.10	2.60	2.44	.73	1.21	2427	
July	4.32	1.08	3.23	1.47	2.38	3.94	5.01	2.39	3.25	.90	2797	
August	5.66	2.06	6.13	1.85	2.12	2.59	5.69	8.34	2.11	2.82	3937	
September ..	.58	2.05	3.15	2.62	1.04	2.39	2.85	2.99	6.98	1.93	2658	
October ...	2.08	2.42	3.41	4.25	1.47	1.22	5.94	6.02	5.86	3.51	3518	
November ..	3.95	4.73	2.52	2.89	5.37	1.67	5.76	3.14	2.78	5.54	3835	
December ...	2.69	5.91	3.97	2.86	8.31	5.68	3.86	2.52	2.72	6.19	4471	
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 Stenwick (Wallees)County of Roxburgh. Observer W. Steelman Esq.
R. M. Hudson (1915)River Basin J. Tweed Deviot &c. Capel Paton 1923
(1927) m. T. Hay.
Rain Gauge, by Mrs. Browne
per T. Lockie

Diameter ...	5"										1250 - MEANS.
Height	0.10										
Altitude ...	537										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...	4.19	6.29	2.96	2.56	3.40	3.71	4.53	4.23	9.22	1.35	4.79
February ...	8.51	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	1.95	2.30	1.65	2.85	5.34	.24	2.48
April	2.82	.83	3.00	2.46	2.03	3.56	3.23	2.57	1.05	1.50	1.71
May	4.07	2.50	.94	1.84	4.22	5.30	2.67	2.04	2.13	2.58	1.51
June	1.83	6.1	1.40	1.24	1.02	.33	3.75	2.80	4.94	1.54	2.06
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...	3.29	1.83	1.21	4.82	1.62	1.74	5.52	3.56	4.57	4.53	4.53
December...	4.30	3.49	4.76	2.87	7.71	4.54	.57	2.83	2.29	4.46	3.83
TOTALS...	46.02	34.10	33.28	39.74	35.77	38.75	40.48	43.58	47.31	33.21	40.25

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

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

RAINFALL at Hawick (Woolfleece) M.W.R.
 County of Roxburgh. Observer J. Lockie Jr.
 River Basin. 3 - Tweed - Teviot &c. Mrs. Browne
 Type of Gauge M.O.

Annual Average 37.6 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. Part 3d.

Diameter	5"											Means
Height	0' 10"	1' 0"										
Altitude	537'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	3.05	4.85	5.04	3.78	2.27	5.24	4.61	4.83	6.33	1.43		
February	2.67	.69	3.80	2.22	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	3.02	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	4.17	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	36.65	33.56		
	d	d	d	d	d	d	d	d	d	d		

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 50' N.

1935 Bushes 5' " 10' S.

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
			Hawick	9m	WNW	Hobkirk	1m	N.E.

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

Station No. M.W.R. 5043

41

RAINFALL at Hawick (Woolflee)

County of Roxburgh

Observer T. Blackie for Mrs Brown

River Basin 3-Tweed-Teviot &c

Mrs Fawcett (1943)

Type of Gauge M.O.

Annual Average 37.6 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. B.N.

File No.

Diameter	5"				915	052					
Height	1' 0"						1				
Altitude	537'						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.48	3.51	5.70	2.87	4.14	3.63	4.03	6.22			
February	4.10	2.16	2.04	2.25	(3.00)	1.57	1.55	3.33			
March	2.39	2.29	1.22	.56	1.49	2.42	5.80	2.71			
April	1.48	1.77	2.07	1.86	1.42	.64	7.92	2.48			
May	2.66	3.47	4.51	2.27	4.11	1.50	3.12	1.66			
June	1.31	.97	3.52	2.47	2.69	2.41	3.00	4.74			
July	1.20	3.00	3.38	2.16	2.22	(3.49)	5.09	2.11			
August	5.35	2.40	5.57	1.63	2.27	6.00	.40	6.86			
September	0.87	3.70	3.34	4.87	3.09	3.93	1.80	3.63			
October	4.35	3.06	3.25	3.08	3.33	.55	.55	2.02			
November	3.57	.71	1.45	5.89	.54	6.27	3.82	-100			
December	1.38	4.34	1.46	4.00	2.04	3.45	1.80	-100			
TOTALS	31.03	31.44	37.51	33.41	30.34	35.86	38.88	-100			
	P	P	P	D	n.p.	D	D	D			

944 n.p. low gauge leaking. Required 2/45.

(July 1943)

1945 n.p. low. Feb. est'd.

47.16 gauge tested and found to be sound - unchanged since passed. To be ineffective by Feb. 1946. Inspectorate by Eddlemanus. Overhauled. Joint of found ~~caulked~~ ^{caulked} + outer cover leaking. Spongy - caused while Eddlemanus effected repairs.

1946 not reusable but in view of inquisitive report, n.p. 782.

1948. 30.4.48. Inspection by A.C. Edin. Rain gauge leaking badly. New gauge required. Site satisfactory.

Position of Station on reduced Ordnance Survey Map, } No. of Map..... 1 mile to 1 inch Series

Reference No. M. (36) 590092

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

BRITISH RAINFALL ORGANIZATION