

## RAINFALL at West Horps. Lammermuir Hills.

County of East Lothian

Observer J. Ross.

River Basin Type &amp; C. 4.

W.Supt. E.Lothian W.B.C.

(1926) Snowdon Rain Gauge, by

(1927) New M.O. Gauge

Diameter ...			3"		5"							
Height .....			2.0		1'							
Altitude ...			750		750'		736					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Means.
January ...				1.45	2.21	4'10	3.79	2.77	5.31	1.07	3.06	
February ...				4.30	1.22	5.10	2.55	1.20	2.58	1.29	1.87	
March .....				1.57	1.49	3.20	1.77	3.37	3.93	.25	3.09	
April.....				2.25	1.10	3.00	2.31	1.49	1.30	1.68	1.49	
May .....				2.26	4.10	3.85	3.52	1.53	1.45	2.88	1.29	
June .....				1.20	2.73	1.95	4.70	3.50	5.39	2.20	1.77	
July .....				1.60	4.70	2.04	4.07	4.64	1.66	2.84	3.83	
August .....				3.10	4.65	3.40	1.92	7.16	5.04	4.88	6.55	
September...				2.50	4.50	5.40	4.60	8.78	2.93	.28	6.22	
October.....				3.35	3.60	2.90	5.68	3.79	4.10	3.87	4.02	
November...				4.10	5.02	1.35	4.52	4.11	4.35	5.12	6.81	
December...				4.00	3.93	2.64	9.4	4.01	2.63	6.22	2.64	
TOTALS...				31.68	38.25	38.93	40.37	46.35	40.67	31.28	40.11	

1923 Stepheads Cottage 80 ft. 160 feet.

1924 July 4 Aug. adjusted by maps.

1926 Recording House 9 ft. high 25 feet. S.W.

23774

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	Parish Church.	Distance from gauge	Direction
1923	55°57'33"	2°43'30"	Gifford	3m 7ft	NNW	Gifford	3.5m	NNW

## RAINFALL at Lammermuir Hills (West Slopes)

County of Haddington

Observer

J. Rodo, G.E.

River Basin... 4 - Tyne &c.

Adam Robson Esq.

Type of Gauge..... M.O.

Annual Averages, 34.4 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. 5

Diameter		5"									
Height		1' 0"									
Altitude		736'									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.11	2.70	2.74	2.12	1.36	5.66	4.81	3.74	8.03	1.31	
February	2.27	1.15	3.45	.07	1.84	4.86	4.74	1.24	2.46	1.98	
March	1.45	3.52	1.24	6.37	1.63	2.60	5.49	1.44	4.11	3.30	
April	3.15	2.47	1.91	5.80	3.71	2.25	1.13	.21	1.14	3.06	
May	2.75	2.80	1.37	3.25	1.33	1.56	3.52	3.11	1.48	2.11	
June	4.50	1.31	1.52	2.19	3.07	2.37	1.83	4.90	3.01	.53	
July	3.01	4.09	3.81	2.58	.87	5.72	3.75	3.68	2.81	9.80	
August	8.22	.39	.97	3.35	3.23	2.57	3.22	1.81	1.74	1.43	
September	1.12	2.63	2.63	2.33	2.44	3.68	2.06	3.35	2.02	3.05	
October	2.03	8.40	3.80	4.41	7.61	2.53	4.11	5.96	6.86	4.40	
November	3.05	1.30	3.80	5.21	5.09	4.36	1.45	5.04	4.41	5.58	
December	1.88	3.52	2.32	5.35	2.70	2.56	7.56	3.78	1.64	3.42	
TOTALS	35.54	34.28	29.56	44.03	34.88	40.72	11.36	37.26	39.71	39.97	
				n/p. bia d	d	D	D	D	D	D	

1931 Recorder house 9' high 25' 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.			Gifford	3 $\frac{7}{8}$ m	N.N.W.	Gifford	3 $\frac{1}{2}$ m	N.N.W.

Station No. 5099

## RAINFALL at Lammermuir Hills (West Hopes)

County of East Lothian Observer Adam Robson Esq.

River Basin 4 - Tyne &amp; C.

Type of Gauge

Annual Average 34.4 in. based on 5 years obs. un-weighted. Period of average 1881 - 1915 Ref S.

File No.

Diameter	5'			902	987						
Height	1' 0"					1					
Altitude	736'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(2.90)	4.13	3.49	2.60	4.78	2.29	3.64	6.85	1.69	1.03	
February	4.40	2.53	1.67	2.09	3.18	1.42	1.51	2.28	1.98	3.44	
March	3.00	1.66	1.23	.61	.79	3.30	4.88	1.08	1.76	2.61	
April	1.89	1.48	1.23	1.90	1.28	.50	4.98	2.19	1.28	2.80	
May	2.82	2.63	4.71	3.13	4.08	1.60	4.11	1.88	1.92	1.30	
June	2.14	1.08	1.87	2.78	1.59	2.12	2.98	4.52	1.07	1.69	
July	2.36	4.37	2.84	2.89	2.99	3.70	1.85	2.52	2.78	2.30	
August	4.64	2.43	3.76	3.53	5.73	5.96	.27	12.23	3.26	2.13	
September	0.97	2.02	2.22	5.37	2.84	4.12	1.29	3.29	1.48	5.48	
October	3.41	2.97	3.06	2.85	3.22	.48	1.12	3.29	5.47	1.51	
November	5.11	.96	1.58	7.41	.68	6.15	3.43	1.74	5.10	4.71	
December	1.11	2.52	1.45	3.43	3.16	3.68	2.82	3.60	3.54	2.63	
TOTALS	34.75	28.68	29.41	38.65	34.32	35.32	32.98	45.47	30.33	31.63	

1941 Jan contd. for snow.

1950. Mr Robson considering setting up autographic gauge.

40004

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
1941			Gifford	4 mls	NNW	Gifford	3½ mls NNW

BRITISH RAINFALL ORGANIZATION

Station No. 5099

9/3/61  
5099

## RAINFALL at Lammerton Hills (West Horn)

51

County of East Lothian Observer Adam Wilson Esq.

River Basin Tyne &amp; Coast

Type of Gauge M.O.

Annual Average 35.46 in. based on 5 years obs. un-weighted. Period of average 1881 - 1915 Ref. S.  
 " 35.76 " " 36 " within 1923-58 " " 1916-50 " S  
 File No.

Diameter ...	5"				902	987					
Height ...	1' 0"						1				
Altitude ...	736'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.89	2.05	0.99	2.43	2.41	2.59	3.16	2.25	1.21	4.50	
February	4.40	.72	1.17	3.03	2.73	3.95	3.41	3.45	0.43	3.66	
March	4.22	1.59	.47	2.62	1.95	1.61	2.41	2.25	0.94	1.98	
April	2.91	1.59	3.34	.85	1.05	.82	1.10	2.44	1.96	1.39	
May	3.11	1.66	(2.00)	7.04	2.10	.68	1.80	2.59	0.40	1.43	
June	1.84	2.26	2.69	2.45	.96	2.92	1.57	3.73	1.70	0.96	
July	3.13	1.76	5.47	2.18	1.83	4.23	3.80	4.63	1.73	2.98	
August	5.68	2.99	1.74	6.27	1.21	9.45	8.66	2.75	0.97	3.34	
September	1.00	3.34	2.67	3.65	1.67	2.93	2.08	2.62	0.41	1.94	
October	0.43	3.11	1.22	5.07	2.48	1.51	1.83	1.79	1.50	7.02	
November	3.61	3.83	2.07	4.21	1.63	1.21	2.10	.92	6.65	4.02	
December	1.18	4.80	1.53	3.13	5.19	3.97	3.23	6.07	6.11	2.74	
TOTALS ...	35.40	29.70	25.36	42.93	25.21	35.87	35.15	35.49	24.01	35.96	
	D	D	n.p.	D	D	D	D	D	D	D	

1953. n.p. low

D2004

1st Aug 1960 R. Churn. G. Very poor - formed a poor fit, leaks, no way can.  
NW of NC . 0/e (6) SSW and NW. A more sheltered site found  
 $\frac{1}{2}$  mile nearer to res. Suggest overlap. Overlap installed at 5099/m 23/1/60  
 1961. Gauge moved to SW 5099 & continued until 1962.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 36/556627

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Gifford	4 mi	NNW	Gifford	3 mi

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1923	-	✓ Ap 34 h.	✓	
				- b/t D 36-40, d 75	Yard 44-45, 47	

Air Ministry, Meteorological Office

Station No. 5099/1.

RAINFALL at Lammermuir Hills (West Lothian)-New Site  
 County of East Lothian Observer East Lothian A.B.D.  
 River Basin A/Lyne & Coast  
 Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No.

Diameter ...				902	980				5"	
Height ...						1				
Altitude ...						51			810'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January ...										-100
February ...										
March ...										
April ...										
May ...										
June ...										
July ...										
August ...										
September ...										-100
October ...									#	7.44
November ...										4.03
December ...										2.88
TOTALS ...									JNP	
									-100	

1960 change made from S/N 5099 installed 23/9/60 as overlap for 5099.  
 1960 np inc.

Position of Station on Ordnance One-Inch map: No. of Map 63 National Grid Reference 34/551622.

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

Summary of Earlier Records from 10-year Sheets:

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