

Form B.R. H.10.

RAINFALL at *Denholm Spital Tower.*County of *Roxburgh.*Observer *Thos. Greenfield Leadbetter Esq.*River Basin *Twiss & Stroud 50 3.*Rain Gauge, by *John Wedderburn*
(Edin.)

Diameter ...											5	
Height											9	
Altitude											410	
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January							3.50	3.00	2.90	2.73	12.13	
February ...							4.55	.80	2.88	1.47	9.70	
March							4.24	.87	.48	2.10	7.69	
April							2.19	3.31	1.08	1.62	8.20	
May							3.85	1.69	2.13	1.02	8.69	
June							1.79	2.02	.50	.95	5.26	
July							4.45	2.09	3.82	.82	11.18	
August							5.04	7.93	1.94	2.60	17.51	
September...							2.25	1.86	6.04	1.66	11.81	
October							4.18	3.36	4.26	3.26	15.06	
November...							3.93	2.60	1.81	4.13	12.47	
December ...							2.56	2.21	1.85	4.03	10.65	
TOTALS ...							42.53	31.74	29.69	26.39	130.35	H78

1916-18 and 1919-20. See H. 122

Garden wall. 10 ft. high 30 ft. W.
 Potting shed 12 ft. x 25 ft. E.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919.	55° 27' 12.5"	2° 39' 18"	Haslemere	2 3/4 mi.	N.W.	Caversham	3 1/4 mi.	W.S.W.
						Redmile	3 1/4 mi.	E.

RAINFALL at Dunholme (Spital Locust)County of RoxburghObserver L. Grenshields Leadbetter
A. Archibald (gardener)River Basin 3 Tweed, Leith etc.Rain Gauge, by John Halderson
(Chn.)

Diameter ...	5											
Height	0.9											
Altitude ...	410											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	2.53	5.39	2.38	1.77	2.43	3.10	3.49	2.96	5.33	.90	3.46	34.76
February ...	2.33	.35	2.99	3.62	.88	4.93	2.77	1.07	3.09	1.20	.69	23.92
March	2.64	2.91	1.89	1.07	1.04	2.36	1.62	2.27	3.73	.09	2.21	22.83
April	2.25	.49	2.35	2.56	1.18	2.88	2.60	2.16	1.02	1.32	1.67	20.48
May	3.14	2.14	.73	1.49	3.77	5.33	2.84	1.87	1.86	1.40	1.21	25.78
June	1.24	.74	1.22	.98	1.79	.57	3.32	3.27	5.31	1.52	1.92	21.87
July	4.63	2.67	4.79	2.19	3.89	1.19	3.12	3.07	1.75	3.82	5.20	36.37
August	2.72	5.58	2.84	5.69	2.94	2.78	3.42	5.84	4.84	4.85	5.35	47.85
September...	1.62	1.79	2.53	2.19	3.68	4.72	4.50	6.38	1.72	5.58	2.43	32.14
October	1.56	3.32	2.77	2.90	2.92	2.80	3.58	3.11	5.89	2.90	4.05	35.80
November...	2.00	1.46	.64	1.05	1.42	1.75	3.72	2.63	3.46	3.35	3.35	27.83
December...	2.49	3.51	2.89	2.24	5.00	3.88	.83	2.19	2.06	5.66	2.96	34.71
TOTALS...	33.17	30.35	28.02	34.75	30.93	36.39	35.81	36.82	40.06	27.59	34.50	364.29
	D	D	D	D	D	D	D	D	D	D	D	D

1928. Sheds 7 ft. high is canvas on two sides, 6 ft. on one side B. other side open.
 1930. Wave 9' high 88' S. Half grown trees 45' W. Well grown trees 45' N.

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

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° 22' 12" N	2° 39' 18" W	Loosdun (N. B. A.)	2 1/4 m.	N.W.	Loosdun Bodrick	3 1/4 m.	W. & N. E.

RAINFALL at Dendholn (Spital Tower)
~~1912~~
County of Roxburgh Observer J.C. Leadbetter
River Basin 3. Tweed. Teviot &c.
Type of Gauge.....
Annual Average 22.7 in. based on 12 years obs. un-weighted. Period of average 1881-1912 Ref. 5

Diameter	5"										
Height	0' 9"										
Altitude	410'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.92	3.24	2.74	2.89	1.61	3.77	3.38	2.45	5.20	1.12	288.7
February	1.99	3.2	2.76	1.14	2.02	3.11	3.16	1.17	2.32	1.21	182.0
March	1.25	2.55	1.08	3.84	.98	1.91	2.41	1.03	3.53	3.71	218.4
April	2.23	2.30	1.29	4.11	3.45	1.48	1.82	.32	1.29	1.91	202.1
May	2.60	2.71	1.52	2.13	.99	1.09	3.75	3.01	1.31	1.84	209.5
June	4.94	1.27	1.08	2.20	4.34	2.22	1.34	3.50	2.48	1.83	252.3
July	3.23	2.44	4.60	2.48	1.05	4.40	3.29	4.31	2.69	6.99	354.8
August	4.30	1.31	1.72	3.40	3.32	1.69	3.31	2.30	1.66	.97	239.8
September	1.58	4.14	1.31	2.86	2.44	3.46	1.79	1.87	1.79	2.74	239.8
October	1.98	4.80	3.20	4.81	5.66	2.25	2.79	4.86	3.36	2.42	361.3
November	4.20	1.14	1.84	1.80	3.77	3.69	.73	6.37	2.26	2.68	284.8
December	1.24	3.10	.78	3.51	1.00	3.09	3.27	2.35	1.00	2.57	219.1
TOTALS	31.49 D	29.32	23.92 D	33.17 D	30.63 D	32.16 D	31.04 D	34.60 D	28.89 D	29.99 D	305.21 D

1931. Garden shed 10' high 30'E. Wall 9' high 33'S. Wood on bank 45' N.E.W.
Space - West.

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
1931.			Hamendean	3m.	N.	Bedrule,	1m	S.E.

Station No. 5047

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RAINFALL at Denholm (Spital Tower)

County of Roxburgh

Observer J. G. Leadbetter, Esq.

River Basin 2-Tweed-Tenby & C.

Type of Gauge B A

Annual Average 32.7 in. based on 12 years obs. unweighted. Period of average 1888-1915 Ref. S

File No.

Diameter	5"					915	251				
Height	0' 9"			0' 6"			1				
Altitude	440'	Corrected height on 14/10/1915		425'			44				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.03	2.94	3.47	1.54	4.14	2.34	2.45	5.59	1.90	1.76	2816
February	3.06	2.18	1.60	1.63	2.57	.89	1.20	2.14	1.50	3.93	2070
March	2.27	1.31	1.20	.48	1.17	1.81	3.46	1.50	.80	2.06	1606
April	1.21	1.19	1.46	1.45	1.20	.59	4.75	2.02	1.45	2.47	1779
May	1.91	2.47	3.99	2.12	3.83	1.73	3.12	1.21	1.88	1.54	2380
June	1.57	.97	2.99	2.10	2.95	2.69	2.66	4.42	1.15	2.19	2369
July	1.50	2.11	2.26	2.66	1.74	2.79	4.06	1.57	1.70	3.29	2367
August	4.18	1.54	5.35	1.76	2.14	4.76	.27	8.44	1.88	3.63	3395
September	1.05	2.73	2.39	5.36	2.89	3.26	1.60	2.71	1.38	4.46	2783
October	2.98	2.51	2.90	2.29	3.38	.77	.68	2.16	4.92	1.49	2408
November	2.63	.57	1.19	5.47	.67	4.47	3.26	1.80	3.35	4.48	2789
December	0.79	2.46	1.05	3.51	1.72	2.16	1.81	3.32	3.48	1.39	2169
TOTALS	25.18	22.98	29.85	30.37	28.40	28.26	29.31	36.88	25.39	32.69	28931

1944 Shed 13' high 12° E Wall 10' high 14° S Shed 11' high 14° S.W. Hedge 5' high 20° N.W. HB
 Trees 25' high 20° NE Trees 45' high 20° N. Gauge has been in same position since
 Station started - no change except that tree has grown a little.

1947 Jan corrected for leak. Feb for snow. G. tested and found in perfect order. 25.4.47

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.
1944			Hasenden	2 1/2 m	WNW	Bedoules	1500'	E

Station No. 5047

RAINFALL at Denholm (312 Brital Tower)

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County of Roxburgh Observer J. G. Leadbetter, Esq.

River Basin 3 - Tweed-Tarvit & C

Type of Gauge B.A.

Annual Average 32.7 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S
345810 31.12 " " 35 " 1916-1950 1916-1950 P
File No.

Diameter ...	5"				915	251					
Height ...	0' 6"					1					
Altitude ...	425					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.49	3.29	0.78	3.01	2.54	1.98	4.26	2.54	1.89	3.99	
February ...	2.76	.50	1.08	1.84	2.29	2.32	3.31	2.72	.77	3.41	
March ...	2.57	1.20	.37	1.85	1.84	1.14	1.65	1.23	1.10	1.96	
April ...	2.52	2.27	3.14	.74	.58	.58	.47	2.00	2.13	1.38	
May ...	2.77	1.76	2.18	5.09	2.22	1.10	1.43	2.72	.60	1.18	
June ...	1.46	1.83	2.00	2.05	1.00	2.33	.92	2.61	2.83	1.84	
July ...	3.45	1.10	4.93	2.92	2.11	4.20	2.95	5.74	1.94	3.22	
August ...	2.55	3.64	2.33	5.50	.80	9.04	4.70	2.39	.45	5.03	
September ...	2.88	2.19	2.76	3.03	1.28	2.02	2.24	3.48	.98	1.50	
October ...	0.32	3.43	1.87	5.15	1.78	1.74	2.69	1.85	2.42	3.10	
November ...	5.60	3.76	2.98	4.30	1.17	.87	1.22	.73	5.36	3.23	
December ...	3.41	4.08	1.90	3.19	4.18	3.79	2.21	3.53	4.03	3.18	
TOTALS ...	33.78	29.05	26.32	38.67	21.79	31.11	28.05	31.54	24.50	32.52	
	D	D	D	D	D	D	D	D	D	D	

1433 88.8 80.5 1183 66.6 951 858

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference NJ(36)587152

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

Summary of Earlier Records from 10-year Sheets:

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1916	✓	✓	✓	
	✓	✓	-32	✓	