

RAINFALL AT Melrose Dingleton Mains

Lat..... Lon..... County of..... Roxburgh.....

Rain Gauge, by..... Observer Robt. Paulin, Esq.

Erect RC-4.

Diameter	5											
Height	4	5										
Altitude	400?	650	500?									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January	2.30	1.27	4.38	4.48	2.13	3.81	1.32	6.99	3.40	2.21	3.229	
February	2.56	4.06	3.95	1.41	1.95	1.20	5.33	3.31	1.77	4.24	2.948	
March	.93	2.18	3.94	1.75	1.76	1.10	3.75	2.32	1.17	2.45	2.136	
April	-34	4.37	2.64	1.63	1.67	.75	3.48	4.11	2.22	3.07	2.328	
May	1.77	.96	3.03	2.08	1.51	2.14	1.00	2.84	4.11	1.83	2.124	
June	1.68	4.34	3.29	.83	1.22	3.08	3.65	2.58	2.21	5.63	2.851	
July	1.13	3.62	4.46	9.05	2.72	2.76	1.42	5.14	.92	3.21	2.843	
August	1.39	1.92	6.33	1.11	5.28	2.39	4.23	6.92	4.46	3.84	4.084	
September	2.21	2.63	3.38	1.94	2.10	3.55	3.83	2.79	3.72	1.98	2.813	
October	3.43	2.88	4.06	4.59	3.94	2.78	3.16	3.95	1.92	1.38	3.209	
November	1.35	1.90	3.97	2.52	4.13	4.21	3.58	3.93	4.67	1.84	3.210	
December	2.90	2.83	3.22	1.48	3.56	2.68	1.66	1.78	4.42	2.35	3.288	
TOTALS	21.99	32.96	46.65	28.87	31.97	30.45	42.42	46.66	34.99	34.03	33.099	

C C C

1879 House & Trees 20 ft high 207 m N.E.

Melrose church 1 mile N.

RAINFALL AT Melrose, The Asylum

Lat.

Lon.

County of Roxburgh

Rain Gauge, by

Observer

A.C. Pattman

Elevation 1000 ft.

De Grierson

Diameter	5										
Height	6										
Altitude	480										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.94	2.82	4.83	2.13	3.40	1.57	1.39	- .84			
February	1.77	2.58	3.10	2.94	1.49	.70	1.71	2.12			
March	2.07	2.33	1.96	1.25	3.85	1.57	3.71	2.20			
April	3.01	1.03	1.50	2.35	1.21	1.22	2.05	3.64			
May	2.47	1.90	1.00	1.96	3.05	4.33	1.26	1.04	1.63		
June	2.59	4.12	3.21	.74	4.45	1.08	.72	2.63	1.07		
July	1.98	3.17	3.28	6.01	1.25	2.52	2.47	4.02	4.92		
August	5.33	2.27	2.26	2.14	1.82	1.22	1.79	2.64	4.37		
September	3.11	1.00	3.78	2.66	3.16	2.61	4.48	1.00	1.20		
October	2.76	2.55	3.09	1.20	2.83	3.96	1.01	1.53	4.54		
November	3.38	3.33	2.46	2.10	1.08	3.42	3.00	5.16	.73		
December	2.51	3.99	1.20	2.47	1.35	2.74	1.70	2.30	2.08		
TOTALS	52.03	29.04	30.67	23.65	31.83	21.49	29.18	29.34			

Melrose Church 1 mile NE

1883 Melrose Inst. Boxes 5 ft high 20 ft. N.E.

RAINFALL AT Melrose Asylum

Lat.

Lon.

County of

Roxburgh

Rain Gauge, by

Block & C - 44.

Old Gauge

Observer

Mr. Patterson

Diameter	5										
Height	0.6										
Altitude	480 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.87	1.98	1.84	1.14	3.23	3.41	1.46	1.31	.72	3.64	2.260
February	1.08	.18	1.83	3.26	6.92	.55	1.23	1.89	1.50	1.88	2.032
March	1.80	3.04	1.40	1.10	1.22	3.29	2.19	3.63	1.43	2.73	2.182
April	1.12	.76	1.46	.88	1.03	1.14	.79	1.40	3.14	2.45	1.417
May	1.71	1.45	3.56	2.14	4.47	.91	.51	1.15	1.47	3.21	2.058
June	3.04	.93	3.46	2.08	3.49	2.26	2.49	3.42	1.54	1.67	2.438
July	2.25	3.02	1.81	2.43	1.96	5.56	4.05	1.80	.76	2.92	2.656
August	4.52	5.50	4.06	2.74	5.06	4.17	1.25	4.22	1.99	.90	3.441
September	1.52	4.32	1.51	.90	.72	.23	4.36	3.11	2.06	3.38	2.211
October	1.71	2.44	4.25	1.66	3.49	4.61	3.55	1.72	5.26	1.63	2.032
November	4.21	2.52	1.89	2.23	2.38	4.05	1.12	1.91	3.59	3.90	2.780
December	1.36	5.57	1.12	3.44	2.71	2.81	4.55	4.23	2.49	2.74	3.102
TOTALS	28.19	31.71	28.19	24.00	36.68	32.99	27.55	29.79	25.95	31.05	29.610

1890 Melrose Church 1 mile NE

Boyce 5 ft high 20 ft NE

RAINFALL AT Melrose Asylum

Lat.

Len.

County of

Paxburgh

Rain Gauge, by

Observer

Mr Patterson

Edition &c - 4. New gauge

Diameter	5										
Height	10										
Altitude	480 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.84	1.92	1.82	1.20	2.95	3.40	1.43	1.33	.72	3.64	2.225
February96	.19	1.85	3.23	6.24	.46	1.20	1.76	1.42	1.81	1.912
March	1.84	3.08	1.50	1.08	1.05	3.27	2.12	3.57	1.39	2.62	2.152
April	1.10	.76	1.52	.87	1.04	1.12	.79	1.41	2.81	2.43	1.885
May	1.61	1.43	3.51	2.14	4.47	.92	.51	1.15	1.36	3.14	2.024
June	2.88	.93	3.46	2.11	3.50	2.31	2.52	3.05	1.54	1.68	2.398
July	2.24	2.96	1.70	2.45	1.99	5.61	4.16	1.77	.76	2.91	2.655
August	4.75	5.21	3.94	2.67	5.05	4.17	1.27	4.29	1.96	.91	3.422
September	1.52	4.03	1.37	.91	.72	.23	4.39	2.94	2.07	3.39	2.159
October	1.76	2.42	4.06	1.66	3.70	4.59	3.53	1.57	5.23	1.59	2.011
November	4.25	2.49	1.82	2.26	2.39	3.95	1.11	1.92	3.51	3.85	2.755
December	1.36	5.57	1.10	3.29	2.58	2.80	4.52	3.97	2.34	2.68	2.021
TOTALS	28.11	30.99	27.65	23.87	35.68	32.83	27.55	28.73	25.11	30.65	29.117

1890 Melrose Church 1 mile NE

8 Met Inst Boys 5 ft high 1/4 fc NE

RAINFALL AT Melrose Asylum

Lat.

Long.

County of

Roxburgh

Sunder Rain Gauge, by ~~George Johnstone~~ Observer Mr. Pattman

old gauge "A" Ettrick &c - 4.

for Dr. G. A. Johnstone

Diameter ..	5.										
Height	0.6										
Altitude ..	480 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.50	2.27	1.40	4.80	2.64	.92	3.11	1.16	3.08	2.81	2.569
February ..	5.41	1.33	1.80	4.58	2.69	1.44	1.70	1.74	1.95	1.89	2.1453
March ..	1.06	1.78	1.18	4.01	2.24	3.75	2.07	2.87	5.25	5.59	2.930
April ..	2.40	2.41	1.84	1.38	1.89	2.81	1.06	2.16	1.34	3.64	2.093
May ..	1.62	2.27	3.08	1.52	2.78	.96	5.87	3.89	2.40	2.06	2.645
June ..	6.74	1.75	2.04	1.63	2.99	1.77	2.52	4.19	1.87	1.73	2.723
July ..	3.52	2.60	2.68	4.00	3.00	1.51	2.33	3.26	2.33	2.56	2.779
August ..	4.35	4.58	1.78	3.67	2.48	4.21	6.10	2.84	2.40	1.79	3.420
September ..	1.71	1.39	1.84	2.99	1.07	2.43	.78	.73	2.45	2.33	1.772
October ..	3.81	2.46	2.03	8.54	.77	2.06	6.60	5.22	2.15	4.51	3.805
November ..	4.70	3.74	2.33	1.56	1.91	3.79	3.54	2.34	1.49	.67	2.607
December ..	4.19	4.81	4.17	1.82	2.27	1.07	3.21	4.45	1.26	3.61	3.086
TOTALS ..	43.01	31.39	26.17	40.50	26.73	26.72	38.79	34.35	27.97	33.19	328.82 4951

D D D D D D

H. J. S.

1900 Melrose Church 1 mile NE

Met. Instrument Boxes 5 ft high 20 ft NE

1904 Melrose Station 1/2 mile E.N.E.

RAINFALL AT Melrose Asylum

Lat.

Lon.

County of Roxburgh

Sunderland

Rain Gauge, by N.T.S.

Observer Mr A.C. Paterson

New Gauge 'B' Elwick & C - 4.

for Dr. G. Gilfillan Johnstone

Diameter ..	5										
Height ..	10										
Altitude ..	480 ft										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.46	2.26	1.25	4.63	2.58	.90	2.44	.77	2.65	2.34	2.328
February ..	5.47	1.35	1.59	3.93	2.65	1.44	1.41	1.21	1.58	1.84	2.047
March ..	1.08	1.78	1.01	3.58	2.24	3.75	1.80	1.88	4.39	5.30	2.681
April ..	2.41	2.38	1.57	1.29	1.79	2.81	.99	2.01	1.22	3.49	1.996
May ..	1.64	2.28	2.84	1.52	2.79	.99	5.22	3.62	2.20	2.05	2.515
June ..	6.82	1.66	1.96	1.68	2.88	1.75	2.27	3.79	1.76	1.70	2.627
July ..	3.50	2.60	2.57	3.98	2.87	1.49	2.17	3.25	2.26	2.53	2.722
August ..	4.38	4.52	1.72	3.52	2.45	3.93	5.61	2.66	2.20	1.49	3.278
September ..	1.70	1.38	1.72	3.01	1.06	2.34	.61	.69	2.24	2.28	1.703
October ..	3.77	2.44	1.91	8.53	.76	1.99	4.89	4.67	1.90	4.48	3.534
November ..	4.55	3.44	2.29	1.56	1.90	3.47	2.73	1.98	1.34	.65	2.391
December ..	4.08	4.33	3.61	1.87	2.25	.96	2.80	3.81	1.29	3.69	2.869
TOTALS ..	42.86	30.42	24.04	39.10	26.22	25.82	32.94	30.34	25.03	32.14	30.891

D D D D D

1900 Melrose church 1 mile N.E.

Met. Inst. Boxes 5 ft high 14 ft N.E.

1904 Melrose Station 1/2 mile E.N.E.

Hub

RAINFALL at Melrose Asylum gauge A.

County of Roxburgh Observer Mr. A. C. Pattman
 River Basin Tweed - Right bank trib. 2 for Dr J. B. Johnstone

Snowdon Rain Gauge, by Bayonet (Edin.)

Diameter ...	5										
Height	0 6										
Altitude ...	480T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.15	1.16	2.32	3.26	2.06	2.00	3.33	3.98	2.82	3.22	2730
February ...	3.31	2.30	2.65	1.54	3.26?	3.59	4.52	.86	3.31	2.00	2734
March	1.49	2.47	2.95	4.37	3.51	2.38	4.49	1.47	.99	2.50	2662
April	2.88	2.32	3.1	3.60	.93	.93	2.78	3.23	.83	1.68	1944
May	1.72	1.17	1.14	2.96	1.96	1.52	3.97	2.28	2.66	1.43	2081
June	2.94	2.62	4.70	2.17	2.11	1.35	2.00	2.02	.37	.94	2122
July	5.13	.84	1.99	.80	1.53	2.76	5.13	2.65	3.55	.71	2509
August	5.21	1.36	5.56	1.61	2.35	3.74	5.10	6.98	2.12	2.89	3692
September ..	.48	1.20	2.98	2.00	1.11	1.99	2.22	1.77	6.21	1.73	2169
October ...	3.20	2.73	3.19	3.24	1.73	2.06	5.06	4.14	3.87	2.98	3220
November ..	3.37	4.11	2.20	2.21	4.71?	2.03	4.78	2.65	1.65	4.95	3261
December ...	2.57	4.72	3.50	2.30	6.08?	6.59	3.06	2.07	2.13	5.22	3824
TOTALS ...	35.45	27.00	33.49	30.06	31.34	30.94	46.34	34.10	30.51	30.25	32.948

D D D D D D D
 1914 met. stand 5 ft. high 20 ft. NE.
 1918 R. gauge "B" 1 ft. high 6 ft. NE.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
(1914) 1911	55° 35'	2° 44'	Melrose	½ mile	ENE.	Melrose	1 mile	NE.

RAINFALL at Melrose Asylum Gauge B.

County of Roxburgh
Eddick &c. 4
River Basin Tweed Rightbank trib. 2
Observer Mr. A. G. Pattman
for Dr. G. Johnstone

Snowdon Rain Gauge, by N. + Z.
Casella reflect 2 July 18
Snowdon Insulated

Diameter ...	5											
Height	10											
Altitude ...	480	T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.03	1.17	2.26	3.10	1.71	1.80	2.74	3.75	2.75	3.18	2649	1242
February ...	3.16	2.07	2.53	1.43	2.86	3.23	3.93	.77	3.01	1.94	2493	965
March	1.41	2.39	2.89	4.25	3.22	2.36	4.16	1.37	.94	2.41	2540	888
April	2.75	2.20	.30	3.42	.88	.87	2.39	2.80	.81	1.72	1814	772
May	1.71	1.10	1.14	2.82	1.77	1.43	3.63	2.07	2.45	1.38	1940	943
June	2.83	2.58	4.67	2.03	1.92	1.27	1.93	1.89	.38	.94	2044	514
July	5.00	.85	1.97	8.5	1.47	2.60	4.81	2.44	3.44	.69	2412	1138
August	5.17	1.34	5.52	1.57	2.23	3.54	4.91	6.63	2.05	2.77	3573	1636
September ..	.49	1.25	2.98	1.86	1.09	1.84	2.10	1.69	5.92	1.64	2086	1135
October ...	3.12	2.61	3.07	2.93	1.59	1.95	4.68	3.77	3.61	2.89	3012	1485
November ..	3.26	3.89	2.14	1.94	4.07	1.77	4.14	2.38	1.55	4.85	2999	1292
December ...	2.49	4.62	3.21	2.15	5.41	6.06	2.87	2.11	2.00	4.90	3582	1188
TOTALS ...	34.42	26.07	32.68	28.35	28.22	29.72	42.09	31.67	28.91	29.31	31.044	13192
	D	D	D	D	D	D	D	D	D	D		

Mt. stand 5 ft. high 14 ft. N.E.

1918 R. gauge "A" 6 in. high 6 ft S.W.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Melrose	$\frac{1}{2}$ mile	ENE.	Melrose	1 mile	NE.
1914	55° 35'	2° 44'						

RAINFALL at Melrose (Skelton) Gauge A.

County of Roxburgh. Observer H. C. Mitchell, Esq.;
River Basin Cr. Tweed - Ettrick &c.

Screws (?) Rain Gauge, by Otterton, Esq.;

Diameter ...	5"										
Height	0.6										
Altitude ...	480										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M.EANS.
January	2.39	4.87	2.88	1.97	2.37	2.57	2.80	3.29	5.41	1.09	2.62
February	2.97	2.8	3.03	4.19	1.10	5.34	3.58	1.07	2.98	1.92	.70
March	4.12	3.19	1.84	1.21	7.9	1.69	1.65	2.64	4.21	.15	1.99
April	2.23	.50	2.50	2.53	1.66	2.70	2.16	2.08	.91	1.60	1.33
May	3.13	1.79	.90	1.80	3.65	5.57	2.70	1.65	1.61	1.33	1.24
June	1.15	.84	1.49	1.08	1.28	.49	4.01	2.80	4.83	1.82	2.50
July	2.97	3.50	4.24	2.33	4.81	1.40	3.56	3.74	1.60	3.08	3.66
August	2.35	5.19	2.52	5.09	2.63	3.45	3.13	7.34	5.45	4.82	6.09
September	1.49	1.80	2.30	1.98	3.71	4.55	4.37	7.09	1.41	.13	2.70
October	1.85	3.20	2.84	2.97	3.22	3.19	3.91	2.34	5.13	3.13	4.77
November	1.91	1.70	.76	3.17	1.53	1.26	4.59	2.25	3.84	3.67	3.10
December	2.71	3.30	2.57	2.38	4.68	3.68	.42	1.61	2.21	4.77	2.92
TOTALS	32.28	24.86	27.87	30.72	31.43	35.89	36.88	37.90	40.09	27.01	33.62

1920. Mel. Stand 5 ft. 4 in. 20 ft. off. N.E.

Gauge B. 1... 6.. "

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

Date.	Lat. N. 40°	Long. 244'	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	55°35'	244'	Melrose	1 m.	E.N.E.	Melrose	1 m.	N.E.

RAINFALL at Melrose Station. Lucy B.

County of Potowmuck. Observer: L. C. Mitchell, Esq.

River Basin of Tweed, Ettrick.

Snowdon Rain Gauge, by Casella
8 feet.

Diameter	5	Height	1.0	Altitude	480	Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January	2.06	4.50	2.77	1.81	2.22	2.45	2.68	3.16	5.04	1.04	2.46						31.19
February	2.85	27	2.89	3.94	1.03	5.03	3.40	1.01	2.82	1.85	.68						25.79
March	2.91	3.05	1.82	1.14	.73	1.61	1.60	2.50	4.04	.14	1.89						22.43
April	2.16	49	2.41	2.40	1.07	2.53	2.09	1.95	.88	1.53	1.24						19.25
May	2.03	1.68	.83	1.68	3.42	5.30	2.52	1.58	1.50	1.25	1.17						23.96
June	1.12	54	1.45	1.00	1.21	.47	3.81	2.63	4.60	1.71	2.87						20.91
July	2.91	3.33	3.99	2.24	4.06	1.35	3.41	3.58	1.50	2.93	3.49						33.29
August	2.27	4.99	2.43	4.91	2.46	2.30	2.96	7.02	5.16	4.04	5.71						46.25
September	1.43	1.69	2.20	1.83	3.55	4.25	4.15	6.78	1.30	.13	2.56						29.87
October	1.76	3.20	2.66	2.85	3.02	2.98	3.79	2.18	5.32	3.00	4.51						35.27
November	1.75	1.67	.71	3.00	1.38	1.20	4.42	2.11	3.60	8.43	2.96						26.23
December	2.44	3.01	2.48	2.23	4.36	3.53	.41	1.61	2.08	4.45	2.74						30.34
TOTALS	20.69	28.42	26.64	29.05	29.51	34.00	35.24	36.11	37.84	25.50	31.78						344.78

1920. Met. stand. 5 ft. ht. 14 ft. off. N.E.

R. Jane A. 6 " " S.W.

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	55°35'	21°45'	Melrose	5 m.	E.N.E.	Melrose	1 m.	N.E.

RAINFALL at Melrose (Ayrshire) gauge A

County of Roxburgh. Observer J. G. Mirell

River Basin N. Tweed - Ettrick &c.

Type of Gauge Standard.

Annual Average 31.4 in. based on 46 years obs. un-weighted. Period of average 1931-1937 Ref. S

Diameter	5"											
Height	0' 6"											
Altitude	480'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.75	3.61	2.79	1.98	1.52	3.70	2.03	3.32	4.85	1.30		
February	2.24	6.62	1.77	.04	1.56	2.79	2.35	.72	1.70	1.03		
March	.74	2.81	1.09	3.03	1.23	1.70	2.17	.71	2.62	3.15		
April	2.83	2.46	1.21	3.23	3.28	1.24	1.66	.36	1.13	1.70		
May	2.99	2.21	1.91	1.98	1.01	1.09	4.86	2.78	1.14	1.53		
June	5.51	1.35	1.26	2.41	4.23	1.81	1.56	2.68	1.91	1.18		
July	3.03	3.33	3.12	2.19	.93	3.06	4.04	3.29	2.87	5.61		
August	4.15	1.27	.76	3.32	2.59	1.85	3.24	1.72	1.26	.59		
September	.99	4.04	1.19	2.72	3.31	3.46	1.84	1.89	1.86	2.86		
October	1.56	5.68	3.22	5.17	5.24	2.21	3.15	5.24	3.53	2.99		
November	4.63	1.35	1.68	2.07	3.12	3.72	.51	4.99	3.55	3.20		
December	1.05	4.06	.79	3.65	1.43	2.00	4.01	3.01	1.00	2.45		
TOTALS	31.47	32.68	20.79	31.79	29.42	28.33	31.54	30.71	27.42	27.59		
	D	D	D	D	D	D	D	D	D	D		

1931. Met. Office Instrument boxes 5 by 20' N.E.
Rain-gauge 1' high 6' N.E.

1940 value not printed in BR 1940-1942 / Lons. 13 Nov. 1947.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Melrose	½ m	E.N.E.	Melrose	1m.	N.E.

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

RAINFALL at Melrose (Asylum) gauge B.

County of Roxburgh

Observer T.C. Mitchell

River Basin N-Tweed-Ettrick &c.

Type of Gauge Standard

Annual Average 20.8 in. based on 33 years obs. un-weighted. Period of average 1881-1915 Ref. 5

Diameter	5"										
Height	1' 0"										
Altitude	480'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.68	3.38	2.59	1.85	1.41	3.65	2.01	3.15	4.67	1.29	2568
February	2.14	50	1.73	.04	1.47	2.65	2.32	.71	1.64	1.03	1423
March	.73	2.68	1.05	2.90	1.15	1.65	2.17	.69	2.47	3.01	1850
April	2.65	2.80	1.16	2.12	3.08	1.13	1.58	.36	1.11	1.67	1816
May	2.89	2.07	1.85	1.91	.97	1.04	4.70	2.64	1.11	1.47	2066
June	5.24	1.25	1.22	2.34	3.96	1.71	1.47	2.63	1.84	1.11	2277
July	2.85	3.15	2.99	2.08	.89	2.88	3.86	3.16	2.75	5.39	3000
August	3.84	1.14	.73	3.16	2.39	1.43	3.06	1.65	1.18	.59	1917
September	.92	3.84	1.13	2.53	3.05	3.30	1.79	1.79	1.82	2.72	2289
October	1.45	5.33	3.09	5.02	4.94	2.18	3.02	5.06	3.41	2.83	3633
November	4.41	1.27	1.58	1.99	2.94	3.62	.54	4.76	3.42	3.05	2761
December	1.00	3.81	.77	3.49	1.39	1.92	4.00	2.99	.99	2.40	2276
TOTALS	29.80	30.72	19.89	30.43	27.64	27.16	30.55	29.59	26.41	26.56	27875

1931. Met. Office Instrument boxes 540 ft N.E.
Rain gauge 6" high 6' S.W.

JIB

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 from gauge	Parish Church	Distance from gauge
1931.			Melrose	1/2 m.	E.N.E.	Melrose	1 m. N.E.

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

Station No. 505

RAINFALL at Melrose (Asylum) gauge A

41

County of Roxburgh

Observer T. C. Mitchell, Esq.

River Basin Tweed-Ettrick &c.

Type of Gauge Standard

Annual Average 31.4 in. based on 11 years obs. unweighted. Period of average 1881-1945. Ref. S

File No.

Diameter	5"			$4\frac{11}{16}$						
Height	0' 6"									
Altitude	480'									
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	Means
January	1.99	3.54	3.31	1.63						
February	3.06	1.30	1.61	1.30						
March	2.33	1.14	1.10	.39						
April	1.28	1.15	1.44	1.72						
May	2.09	2.54	4.34	2.02						
June	1.89	.95	2.86	1.98						
July	2.05	2.11	2.68	2.56						
August	3.90	1.88	3.47	2.43						
September	1.00	2.57	2.05	4.99						
October	3.38	2.54	3.22	2.65						
November	3.27	.47	1.18	5.02						
December	.66	2.16	.85	2.46	*					
TOTALS	26.90	22.35	28.11	29.15						
	D	D	D	D						

1941 Meteorological instruments 5' high 20° NE

Rain g. 8' 1' high 6° NE

1944 Observer's static gauge is 4 $\frac{11}{16}$ " diam.
Rain measured in 5" glass + added. (25-145.)
n.p. check.1941 and 1942 values not printed in BR 1940-1942
12/23. 13 Nov. 1947

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1941			Melrose	½ mi	ENE	Melrose	1 mi	NE

BRITISH RAINFALL ORGANIZATION

(Dingleton Hospital No. 5056)

RAINFALL at Melrose (Asylum) gauge B

41

County of Roxburgh

Observer T. C. Mitchell, Esq.

River Basin Tweed-Twick etc

Type of Gauge Standard

Annual Average 30.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref S

File No.

Diameter	5"				91	713					
Height	1' 0"					1					
Altitude	480'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.99	3.53	3.26	1.55	3.43	2.08	2.18	6.00	1.52	1.52	2706
February	3.05	1.30	1.55	1.29	2.05	.90	1.04	2.54	1.16	2.91	1779
March	2.17	1.14	1.05	.39	72	1.85	3.87	.92	.84	2.17	1512
April	1.21	1.15	1.38	1.68	.99	.41	4.13	1.94	1.31	1.84	1604
May	2.00	2.41	4.18	1.98	3.76	1.62	3.24	1.50	2.53	1.06	2428
June	1.79	.88	2.74	1.87	2.32	1.69	2.53	3.22	1.02	1.77	1983
July	1.93	2.02	2.55	2.42	2.59	1.93	3.61	1.37	2.32	3.05	2379
August	3.70	1.78	3.30	2.33	1.22	3.88	.00	2.19	2.08	3.26	2874
September	0.98	2.44	1.98	4.74	2.93	3.72	1.21	2.69	1.16	4.31	2616
October	3.22	2.41	3.07	2.55	4.02	.69	.63	2.14	4.41	1.37	2451
November	3.13	.46	1.14	4.86	.47	5.14	2.39	1.72	2.50	3.41	2522
December	.63	2.09	.83	2.46	1.85	1.89	2.08	3.03	4.14	1.15	2015
TOTALS	25.80	21.61	27.03	28.12	26.35	25.80	26.91	34.26	24.99	27.82	268.69

1941. Inst. in instrument boxes 5' high 14° NE.

Rain gauge 'A' 6" high 6° SW. Name changed 1948.

1949. Gauge moved 14° N in June. Trees 40-45' high 60° SE.

HMS

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge.
1941			Melrose	1/2 mi	ENE.	Melrose	1 mi	NE.

R of 1st March 1956 ? cancel

RAINFALL at Melrose (Dunlopton Hospital) 51

County of Roxburgh Observer T.C. Mitchell, Esq.

River Basin 4-Tweed-Ettrick C Superintendent

Type of Gauge Snowdon

Annual Average 30.8 in. based on 38 years obs. un-weighted. Period of average 1881-1915 Ref. S

324.675

File No.

Diameter	5"			911	773						
Height	1' 0"					1					
Altitude	480'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.77	2.04	0.45	2.85	2.09	1.67	3.42	2.23	1.41	3.47	
February	2.27	.53	71	1.81	1.98	1.62	2.97	2.36	.51	(3.00)	
March	2.36	.91	46	1.97	1.23	1.09	1.51	1.51	.75	1.67	
April	2.01	.64	1.83	.77	.28	.44	.53	1.84	2.14	1.14	
May	2.52	2.02	1.81	4.73	1.53	.82	1.72	2.26	.50	2.01	
June	0.95	2.62	1.11	2.79	.96	2.33	1.28	3.15	3.96	0.78	
July	3.38	-100	3.12	2.28	1.83	4.60	2.98	4.93	2.09	2.39	
August	2.69	-100	1.98	3.97	.44	9.13	3.72	2.38	.62	4.06	
September	1.66	-100	2.82	3.13	1.11	3.47	1.53	2.01	.80	1.17	
October	.21	3.54	1.63	4.80	1.41	1.52	1.98	1.53	2.31	3.51	
November	5.56	-100	2.63	3.24	1.14	.53	.98	.67	4.66	2.82	
December	2.51	-100	1.87	2.56	3.41	2.53	1.81	4.13	2.63	2.80	
TOTALS	28.89	-100 inc. ap.	20.42	34.90	17.41	29.75	24.43	29.00	22.29	28.82	
D	D	D	D	D	D	D	D	D	D	d	

(1952-11 p.m.c. 1953 plan & pipe renewed. (corrected above).)

20004

1960 Feb. et. M.O. Edin. X

Annual Average 28.87 in based on 39 yrs obs. within 1916-58. 1 in. loss. Period of average 1916-58 Ref. S. 64-3 Rejected 1966 793

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference (64)543322

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Melrose		Melrose	

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

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