

RAINFALL AT Kelso Broomlands

Lat. _____

Lon. _____

County of Roxburgh

Rain Gauge, by _____

Observer D. Buchan

Wreck, lower, L. bank - 7.

Diameter ....	...										
Height .....	...										
Altitude	205											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.56	.98	1.00	1.82	1.73	2.59	1.35	1.05	.41	2.86	1.625	
February ....	.91	.27	1.88	2.72	2.37	1.12	1.13	.87	1.07	1.41	1.475	
March	1.41	3.60	1.21	.86	.31	2.93	2.26	2.69	1.46	1.61	1.834	
April .....	.62	.66	.61	.64	1.04	1.00	1.09	.92	4.05	2.54	1.517	
May	1.34	2.62	2.22	1.85	2.86	1.82	1.30	1.31	1.49	3.25	1.956	
June	2.66	.68	3.28	2.21	2.69	2.13	2.10	3.15	1.33	1.56	2.174	
July	3.01	2.36	1.63	2.30	2.99	5.47	3.17	2.78	1.02	3.20	2.793	
August	6.15	3.71	3.27	1.70	3.68	4.74	1.60	2.49	1.86	.95	3.015	
September....	.98	4.51	2.03	1.34	1.06	.20	4.74	2.44	1.12	3.41	2.183	
October	2.22	1.45	3.79	1.65	3.30	5.38	4.93	1.32	5.61	1.66	2.131	
November....	5.22	2.04	1.16	2.44	1.74	2.57	1.21	1.89	3.00	2.53	2.380	
December	1.78	3.96	1.22	1.88	1.78	1.95	4.86	2.90	1.36	2.90	2.459	
TOTALS	28.86	26.84	23.30	21.41	26.55	31.40	29.74	23.81	23.78	27.88	26.357	

RAINFALL AT *Kelso Broadlands*

258

Lat.

Lon.

County of *Roxburgh*

Rain Gauge, by

Observer *D^r Buchan F.R.S.*

Twiss, lower, L. bank - 7.

J. Brunton Esq. Sol. Met. Soc.

Diameter ..	...			8							
Height ....	...			1.2							
Altitude ..	205										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.40	1.89	1.34	3.28	1.85	.69	1.76	1.11	1.65	1.51	1.848
February ..	4.33	2.15	1.15	2.77	2.14	.88	1.03	.85	1.82	1.61	1.873
March	1.63	1.69	.83	1.81	2.04	2.24	1.75	1.47	3.04	4.53	2.103
April	1.82	1.49	1.46	.99	.96	4.48	1.05	1.96	1.16	2.77	1.814
May	1.26	2.18	2.66	1.05	2.65	.70	5.73	3.53	2.08	1.29	2.313
June	3.46	1.34	1.90	1.47	2.14	.55	2.06	4.04	1.33	1.67	1.996
July	2.72	2.93	1.37	4.17	1.99	1.75	2.43	2.09	2.30	1.71	2.346
August	5.24	3.13	2.18	3.38	2.90	3.63	4.75	2.82	1.78	1.35	3.116
September ..	1.15	.92	1.13	2.35	.65	2.01	.48	.94	1.86	1.74	1.323
October	4.08	1.45	1.66	6.20	.97	2.78	6.66	6.26	1.73	2.95	3.474
November ..	4.45	3.44	.32	1.41	1.61	3.65	2.68	1.87	1.16	.50	2.109
December ..	2.70	4.37	2.36	.93	1.98	.68	3.02	2.41	.42	2.98	2.185
TOTALS ..	36.24	26.98	18.36	29.81	21.88	24.04	33.40	29.35	20.33	24.61	26.500

D

H.S.

1909. *Kelso Gh.*

1 mile S.

" *Station*

2 " S.

RAINFALL at Kelso, Broomlands

County of Roxburgh Observer Jas. Brunton Esq.
 River Basin Lower Tweed left bank tribe 3.7 Mr. Wm. Muir (1913)
25.7 g. B. Scott (1914)
Snowdon Rain Gauge, by _____

Diameter ...	8				5							
Height	1	3			1	0						
Altitude ...	200	205			193							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	5058
January ...	1.57	.83	1.61	1.67	1.35	1.72	²⁰ 2.445	3.08	2.47	2.44	1894	109
February ...	1.98	1.40	1.99	.63	1.67	2.31	3.670	.85	1.69	1.79	1798	800
March .....	.66	1.62	1.53	2.57	2.29	2.03	3.605	.87	.31	1.66	1714	644
April	2.42	1.62	.10	2.45	.54	.61	2030	2.95	.64	1.32	1468	694
May	1.31	.55	1.68	1.85	1.48	1.26	2860	1.73	1.83	1.10	1565	752
June .....	.52	3.49	5.91	1.87	1.97	2.33	2.120	.89	.32	1.00	2042	433
July	2.28	.98	1.52	.60	1.28	2.55	3.250	1.66	3.49	.62	1823	902
August	3.45	1.49	4.38	1.79	1.72	3.37	3.960	5.61	1.42	2.26	2945	1325
September ..	1.04	1.59	2.43	1.84	1.05	1.78	2.930	1.25	4.67	1.13	1901	928
October ...	2.76	2.76	2.46	2.26	1.68	1.18	3.340	3.24	3.04	2.88	2560	1250
November ..	2.92	3.96	1.41	1.48	3.90	1.92	3.460	1.73 ³	1.05	3.95	2628	1669
December ...	1.22	3.64	2.13	1.50	5.36	4.19	2.480	1.74	1.28	3.31	2685	881
TOTALS ...	22.13	23.93	27.15	20.51	24.29	25.28	35.700	25.60	22.21	23.46	25.023	1069

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1910 - not published. Jan.-July corrected for wrong glass.

1914. Tree 40 ft. high 105 ft. W., Hawthorn 40 ft. high 84 ft. E & thorn 35 ft., 81 ft. S.E.
 Gauge moved May 1914 by 261 ft. N.W.

1919. Ash tree 22 ft. high 71 ft. W.
 Hawthorn 20 ft. 77 ft. E
 House 35 ft. 81 ft. S.E.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Kelso	1 1/2 mile	SW.	Parish Church	3/4 mile	SW.
1912	55° 36' 24"	2° 25' 7"						

RAINFALL at Rebo (Moorlands)County of Roxburgh. Observer J. G. Scott, Esq.River Basin 7. Tweed, Lower - Left bank tribut.Thornhill Rain Gauge, by _____

Diameter ...	5											
Height	1.0											
Altitude ...	193											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	1.83	4.22	1.75	1.38	1.47	1.08	2.40	1.87	2.87	1.33	2.12	2232
February ...	1.94	27	1.95	2.52	1.73	4.10	2.48	.68	1.47	1.12	1.17	1849
March	2.45	1.33	1.25	.81	.64	1.89	1.01	1.76	2.71	.18	1.91	1594
April	1.61	.56	1.83	1.51	.82	2.24	2.27	1.37	.87	1.27	1.18	1553
May	2.42	1.47	.61	2.09	3.76	2.78	1.94	1.49	1.10	.78	1.18	1918
June	0.76	.76	1.75	.71	2.05	.25	2.73	2.66	3.93	2.10	1.23	1943
July	2.62	2.79	3.69	1.64	4.19	1.68	3.89	2.78	1.58	3.18	5.43	3347
August	2.96	4.76	2.30	4.15	3.34	1.99	3.34	6.04	3.48	3.71	4.28	4035
September...	1.46	1.40	2.26	1.43	2.17	3.89	3.94	4.70	1.18	.37	2.72	2652
October	1.13	2.66	2.77	1.84	2.55	1.84	3.32	1.77	2.89	2.45	2.79	2601
November...	1.25	1.28	.29	3.46	.74	.96	2.08	2.27	2.28	2.28	3.00	1989
December...	2.53	1.76	1.84	1.91	2.31	3.34	.55	2.00	1.39	3.65	2.01	2348
TOTALS...	22.95	2.46	22.29	23.51	24.77	26.01	29.95	29.39	28.75	22.42	28.58	279.11
	0	2	2	2	2	2	2	2	2	2	2	115

1920. 8th Dec 22nd 7th 45
 Kaitum 20th 7th 5th
 House 35th 8th 5th

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°36'25"	2°25'57"	Rebo.	1 1/2 m.	S.W.	Rebo.	3/4 m.	S.W.

RAINFALL at Kelso (Broomlands) M.W.R.County of Roxburgh Observer J. E. ScottRiver Basin 7- Tweed, Lower - Left BankType of Gauge StandardAnnual Average 24.0 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 31N

Diameter	5"										
Height	1' 0"										
Altitude	193'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.53	2.13	1.20	1.31	1.35	2.94	2.21	2.06	4.82	.94	2049
February	1.58	.30	2.89	.06	1.47	3.37	2.68	.91	1.23	1.11	1560
March	.99	2.47	.62	3.02	1.24	1.60	2.52	.72	2.63	2.76	1857
April	2.16	2.29	1.37	3.14	3.19	1.22	.95	.28	1.01	1.46	1706
May	2.50	1.93	1.19	1.73	.92	1.58	3.14	2.63	.67	1.45	1774
June	4.68	1.07	.98	2.22	3.67	1.56	1.60	2.44	1.63	1.12	2097
July	3.24	2.48	3.35	2.00	1.01	2.80	3.67	2.67	3.01	7.06	3129
August	3.34	1.02	1.22	2.54	2.89	1.28	2.37	1.40	1.65	1.04	1875
September	1.34	3.86	1.36	2.34	2.16	2.88	2.18	2.08	1.00	2.66	2186
October	1.30	4.70	2.65	3.73	3.75	2.10	3.12	4.23	2.84	2.66	3108
November	3.18	1.02	1.80	2.06	3.18	3.41	.36	3.47	2.61	3.05	2414
December	.55	1.70	1.07	3.19	1.09	1.51	3.54	1.84	.89	2.31	1769
TOTALS	26.39	24.97	19.70	27.34	26.92	26.25	28.34	24.73	23.99	27.61	25524

931. Ash tree 30' high 71' W. Horse 35' high 51' S.E.

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.			Kelso	1 1/2 m.	S.W.	Kelso	3/4 m.	S.W.

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

RAINFALL at

Kelso

(Floors)

Station No. M.W.R. 5058

41

County of

Roxburgh

Observer

J. C. Scott died 20/7/42

River Basin

7-Tweed lower-left Bank

Thos. Hall, Esq. succeeds

Type of Gauge

Sun-don

Annual Average 21.0 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. B.G.N.

File No.

Diameter	5"			97	745			913	320		
Height	1'0"				1				1		
Altitude	193	165	212/73	41	195				41		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.25	2.54	2.68	1.05	4.25	1.53	1.87	6.04	2.21	1.37	26.79
February	3.01	1.53	1.13	1.47	1.88	.83	2.20	1.64	.64	3.07	17.40
March	2.42	1.32	1.20	.98	.61	1.26	4.06	.78	1.09	1.67	15.39
April	1.52	.60	1.13	1.51	1.12	.49	3.94	2.23	1.35	1.71	15.60
May	1.90	2.25	3.97	2.73	4.30	1.59	2.91	1.33	1.35	1.19	23.52
June	0.70	1.12	3.55	2.56	1.97	1.56	4.28	4.39	.87	1.72	22.72
July	2.02	2.95	3.16	2.39	1.97	2.61	2.87	1.13	2.39	2.39	23.88
August	3.25	1.53	3.51	1.65	2.16	4.64	.22	10.46	2.17	3.04	32.63
September	.53	2.33	1.50	4.11	3.10	2.56	1.28	2.42	1.26	4.31	23.40
October	3.53	2.02	2.01	2.20	3.21	.80	1.07	2.44	4.65	1.50	23.43
November	2.50	.36	1.45	4.94	.81	4.37	2.87	1.82	2.88	4.54	26.54
December	.53	1.15	.81	1.96	1.66	1.60	1.84	1.88	2.85	1.27	15.55
TOTALS	25.16	19.70	26.10	27.55	27.04	23.84	29.41	36.56	23.71	27.78	266.85

* 1946. Gauge moved 1.3.46 a distance $1\frac{1}{4}$ mi. west, to Floors Castle Gardens.

New site selected } Mr. R. L. Crichton regarded as a continuation

Map. Mileometer 2.1046. see over Site excellent.

239.07

21/2/73

With respect to the above remarks, and after comparison with 5058/3. it would appear that the gauge, when at Floors was catching less than when at Floors. A new number has been taken as 74000. Reference No. 730349.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map

Reference No.

Original 1636-730349

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
8.10.46			Kelso	1 $\frac{3}{4}$	SE	Kelso	1 $\frac{3}{4}$	ESE

BRITISH RAINFALL ORGANIZATION

Station No. 5058

RAINFALL at Kelso (Floors)

M.W.R.

51

County of RoxburghObserver Jas. Hall, Esq.River Basin 1- Tweed Lower Left BankDuke of RoxburghType of Gauge SnowdonAnnual Average 26.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B & N25.95 " " " " " 1916-1950File No. P

Diameter ...	5"				913	320	4					
Height ...	1' 0"					1						
Altitude ...	195'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.09	2.00	.83	2.24	2.35	2.22	3.11	1.45	1.45	3.89		
February ...	2.02	.53	1.13	1.18	2.09	2.93	2.72	2.20	.58	2.03		
March ...	2.87	.82	.25	1.28	1.28	.59	1.68	1.43	.61	1.62		
April ...	2.50	1.39	2.92	.68	.68	.73	.50	2.36	1.59	1.10		
May ...	2.87	1.67	1.97	5.47	1.87	.93	1.64	2.60	.42	1.31		
June ...	1.55	1.91	1.10	2.36	1.19	2.56	1.64	2.86	3.27	.96		
July ...	2.45	1.53	3.01	2.38	1.87	3.68	2.92	4.50	1.92	3.21		
August ...	2.61	4.75	2.81	5.95	.43	8.71	3.53	2.63	.47	4.91		
September ...	1.39	2.26	2.70	2.93	2.07	2.46	1.85	2.53	.91	1.41		
October ...	0.32	3.21	1.47	4.48	1.96	1.20	1.94	1.42	2.13	5.73		
November ...	5.46	4.08	2.47	2.79	1.23	.73	1.24	.89	4.57	2.47		
December ...	1.64	4.50	1.99	2.36	4.43	2.49	1.95	4.08	2.85	2.63		
TOTALS ...	28.77	28.69	22.65	34.10	21.45	29.23	24.72	28.95	20.77	31.27		
	D	D	D	D	D	D	D	D	D	D		

1952. Slightly high but print with query

X

* Moved 46

110.7 110.2? 87.1 131.2 82.5 112.4 95.1

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NT136761345

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 *g.m.*

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	<i>1910-19</i> ✓ ✓ 2.5 - 15	✓	✓	✓	✓