

RAINFALL at

Liberton, College Garden

County of Midlothian

Observer

Mr. J. Harris per M.O.SRiver Basin Almond & Co. 5
Esch. 4Am. Callum S. per S. 3 (16)Snowdon Rain Gauge, by Casella.

Diameter ...					5						
Height					1	0					
Altitude ...					190						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...					2.00	1.30	2.96	2.15	2.36	1.94	
February ...					1.72	2.13	3.87	.87	2.79	1.79	
March					3.02	1.51	3.67	1.20	.50	1.69	
April					1.05	1.37	2.52	1.42	.61	1.34	
May					1.99	1.47	4.30	1.58	3.09	.63	
June .....					.97	1.73	3.12	1.54	.33	1.63	
July					2.23	3.03	5.55	1.25	3.51	.48	
August					1.74	5.45	4.73	4.17	1.54	1.42	
September ..					.64	2.65	1.55	1.00	4.52	2.48	
October ...					1.18	2.16	4.55	2.41	3.09	2.09	
November ..					2.79	1.05	2.43	1.79	1.50	5.21	
December...					3.94	4.25	2.80	1.82	1.50	3.57	
TOTALS ...					23.27	28.10	42.05	20.90	25.34	26.67	

1915 Thermometer screen 5ft high 6ft. N.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	55° 35'	3° 10'	Newington	1 m	N	Liberton	3 1/4 m	SE

RAINFALL at Liberton (College Garden)County of MidlothianObserver A. Mc. Gallen Esq.River Basin Munro-5

Edin. & E. of Scot. Coll. of Agriculture 1925.

Standard Rain Gauge, by Castella

Diameter ...	5											
Height	1.0											
Altitude ...	190											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	2.58	4.23	1.85	1.58	2.20	3.11	2.86	2.45	5.37	.91	2.86	
February ...	2.61	.59	2.22	2.82	.66	4.29	2.99	1.14	2.74	.93	.46	
March	2.05	2.21	1.81	.83	1.14	2.60	1.51	1.52	1.74	.30	2.19	
April	1.46	.57	1.43	1.96	1.21	3.17	1.75	1.85	.58	1.59	1.18	
May	2.04	1.75	.74	1.84	4.47	4.19	3.17	1.99	1.42	1.54	1.12	
June .....	.96	.27	1.53	1.01	1.88	.43	2.72	3.17	4.98	2.39	1.63	
July	4.59	2.07	3.53	2.69	4.10	1.80	2.75	3.09	2.12	1.80	3.98	
August	5.75	3.60	1.43	4.21	2.21	3.60	1.97	6.46	4.60	5.99	4.92	
September...	1.54	1.92	1.72	1.50	2.92	4.63	3.97	7.98	2.05	.31	3.67	
October .....	.88	3.75	1.95	1.82	3.42	2.01	3.53	2.72	3.06	2.87	3.12	
November...	1.95	1.16	1.15	2.77	1.17	.83	3.01	1.45	3.68	3.74	3.97	
December...	2.32	3.78	2.84	2.53	3.23	4.02	.55	1.47	1.96	3.99	1.74	
TOTALS...	28.73	25.30	22.25	25.56	29.61	34.68	30.78	34.99	34.30	26.36	30.84	

1923. A. Mc. Gallen left the staff of the College some years ago.
 1925. Not " " who left some years ago.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

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

RAINFALL at Liberton (College Gardens) ^{Mem.} M.W.R.County of Midlothian Observer Edinburgh & East of Scotland College of AgricultureRiver Basin 5- Almond &c.Type of Gauge StandardAnnual Average 27.7 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. Summary
Computation 21/36

Diameter	5"										
Height	1' 0"										
Altitude	190'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.02	3.72	3.12	2.37	1.28	3.94	2.81	4.06	3.95	1.00	28.27
February	1.72	(2.0)	1.43	.04	1.85	2.57	3.41	.76	1.80	1.02	14.80
March	1.15	2.67	.96	3.01	.85	1.95	2.15	.62	2.93	2.79	19.08
April	2.09	2.19	1.88	4.05	3.09	1.42	.89	.10	1.24	2.24	19.19
May	2.83	2.68	1.71	1.24	1.02	1.03	2.58	4.26	1.31	1.99	20.65
June	4.26	1.13	1.72	3.19	2.15	1.46	.88	2.98	1.42	.48	19.67
July	3.54	2.80	4.47	1.94	.62	3.89	5.89	2.52	2.59	8.03	36.29
August	4.59	.37	.93	3.25	1.89	1.25	4.58	1.24	1.12	.73	19.95
September	1.61	2.69	1.83	1.71	3.53	3.02	1.46	2.37	1.63	2.44	22.59
October	1.47	6.22	2.41	3.81	6.89	1.50	4.23	4.99	2.04	2.54	36.10
November	4.22	1.70	1.61	1.20	4.20	2.45	.20	4.98	3.76	4.03	28.35
December	1.19	5.47	1.06	2.99	1.14	2.14	2.52	2.35	.95	2.46	22.27
TOTALS	30.69	(31.81)	23.13	27.80	28.51	26.62	31.90	31.23	24.74	29.75	287.21
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

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
1938			Newington	1/2 m	N	Liberton	1/2 m	S

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

Station No. 5137
 RAINFALL at Liberton (College Farm) M.W.R. 41

County of Midlothian Observer Edinburgh & East of Scotland
 River Basin 5- Almond & C. College of Agriculture
 Type of Gauge Snowdon

Annual Average 27.7 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. Survey.

File No.

Diameter	5"					9.00	10.4				
Height	1' 0"						1				
Altitude	190'						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.03	3.32	2.29	1.82	3.31	1.76	2.01	5.31	2.24	1.36	2545
February	2.99	1.43	1.23	.75	2.86	1.56	(1.31)	2.20	1.81	2.87	1901
March	3.36	1.15	1.53	.61	.85	1.33	(3.75)	.95	.91	2.36	1680
April	1.52	1.54	.91	1.75	1.05	.33	3.13	1.48	1.13	2.06	1490
May	3.20	1.78	3.65	2.37	2.99	1.80	2.91	2.13	1.99	2.09	2591
June	1.00	1.01	1.81	2.12	1.49	1.40	2.96	3.72	.97	1.74	1822
July	3.19	3.05	2.82	2.87	1.92	2.89	1.78	2.00	2.75	2.85	2612
August	2.94	2.54	3.72	2.34	3.00	3.34	.20	8.51	3.08	2.68	3235
September	1.10	2.73	1.18	4.53	2.97	3.11	1.23	2.60	1.52	4.99	2596
October	3.55	2.73	2.98	2.36	3.69	.89	1.08	1.31	4.58	2.03	2520
November	2.10	0.60	.84	5.40	.19	3.33	2.84	(2.26)	3.30	3.60	2446
December	1.09	1.60	.88	2.05	2.08	1.80	1.76	2.32	4.00	1.83	1941
TOTALS	28.07	23.48	23.84	28.97	27.40	23.54	24.96	34.79	28.28	30.46	27379
	D	D	D	D	D	D	D	D	D	D	

1947. Feb. has est. by rel. sun. obs. for snow

30004 00024

Inspected 22.10.48 by Mr. Thomson. casing & funnel broken, delivery pipe missing. Struckle 3' high 3 feet to W/SO. of gauge. That this measure inaccurate. Authority asked to replace equipment.

1948 up. gauge out of order.

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

BRITISH RAINFALL ORGANIZATION

Station No. 5137

RAINFALL at Liberton (College Farm)

51

County of MidlothianObserver Edinburg & East of ScotlandRiver Basin 5 - Almond & CCollege of AgricultureType of Gauge SnowdonAnnual Average 27.7 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. Survey" " 28.51 " " 40 " " within 1916-58 " " 1916-50 " " 8

File No.

Diameter ...	5"				900	104					
Height ...	1' 0"					1					
Altitude ...	190'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.90	2.77	0.48	2.44	1.82	1.59	3.48	1.45	0.94	2.76	
February ...	2.36	.57	.74	1.63	1.36	1.71	2.88	1.63	.20	(2.63)	
March ...	2.72	1.53	.45	1.29	1.91	1.19	1.66	2.01	.27	1.20	
April ...	2.78	1.48	1.99	1.23	.46	.61	.64	1.91	1.73	(.77)	
May ...	3.15	1.92	1.69	4.84	1.91	.63	1.44	1.85	.44	1.12	
June ...	1.74	2.85	1.33	2.40	.53	2.95	1.19	3.09	2.15	.95	
July ...	3.48	2.05	3.88	1.48	1.66	5.09	4.78	6.95	2.47	2.56	
August ...	5.62	4.40	1.85	4.90	.93	7.21	2.75	2.93	.22	3.99	
September ...	(1.25)	2.11	2.52	3.51	1.06	3.91	1.41	2.40	.42	1.09	
October ...	0.46	1.39	1.31	6.70	1.53	1.76	1.95	3.23	1.64	3.63	
November ...	4.57	2.12	3.21	2.91	.73	.46	1.60	1.01	4.74	2.50	
December ...	2.89	2.88	3.40	2.73	3.98	2.90	2.34	3.75	2.71	2.07	
TOTALS ...	33.92	26.07	22.85	36.06	17.88	30.01	26.12	30.25	17.93	25.27	
	D	D	D	D	D	D	D	D	D	D	

1960 Feb, April part out by M.O.E.

24004

00104

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NT (36) 773 795

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

Summary of Earlier Records from 10-year Sheets :

43-482m low

9.9

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1914	✓	✓	✓ np + 8	
	-20	✓	-32	✓	

Station No. 5137RAINFALL at Liberton (College Farm)

51

County of MidlothianObserver Edin. & E. Scotland Coll. of Agri.River Basin S. Almond & C.per Mr. A. Crickhead

Type of Gauge.....

Annual Average 27.7 in. based on years obs. un-weighted. Period of average..... Ref.....File No. C53

Diameter ...	5"										
Height ...	1'										
Altitude ...	190'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.90	2.77	.48	2.44	1.82	1.59	3.48	1.49	.94	2.46	2067
February ...	2.36	.57	.74	1.63	1.36	1.71	2.83	1.63	.20	2.63	1571
March ...	2.72	1.53	.45	1.29	1.91	1.19	1.66	2.01	.27	1.20	1423
April ...	2.78	1.48	1.99	1.23	.46	.61	.64	1.91	1.73	.44	1360
May ...	3.15	1.92	1.69	4.84	1.91	.63	1.44	1.85	.44	1.12	1899
June ...	1.74	2.85	1.33	2.40	.53	2.95	1.19	3.09	2.15	.95	1918
July ...	3.48	2.05	3.88	1.48	1.66	5.09	4.78	6.95	2.47	2.56	3440
August ...	5.62	4.40	1.85	4.90	.93	7.21	2.75	2.93	.22	3.99	3480
September ...	(1.25)	2.11	2.52	3.51	1.06	3.91	1.41	2.40	.42	1.09	1968
October ...	.46	1.39	1.31	6.70	1.53	1.76	1.95	1.23	1.64	3.63	2160
November ...	4.57	2.12	3.21	2.91	.73	.46	1.60	1.01	4.74	2.50	2385
December ...	2.89	2.88	3.40	2.73	3.98	2.90	2.34	3.75	2.71	2.04	2965
TOTALS ...	33.92	26.07	22.85	36.06	17.88	30.01	26.12	30.25	14.93	25.24	26636
	d	P	P	D	D	D	D	D	D	D	

Revised 1962

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 36/273705

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-29	1931-40	1941-50	1951-60
	C1914	✓	✓	✓	
	-	D 21-30	D 31.33-40	✓ Build up	