

RAINFALL at Liberton, College GardenCounty of Middlelothian
River Basin EdinburghObserver Mr. J. Harris per M.O.S.Anemometer Suspended (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	.57	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	1.54	
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	2.68	
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	5.57	
TOTALS ...					23.27	28.10	42.05	20.90	25.34	56.69	

1915 Thermometer screen 5ft high 6ft. N.

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

RAINFALL at Liberator (College Garden)County of MiddlelothianObserver Dr. McCallum Esq.River Basin Monnow - 5for Met. Soc. Edin.
Edin. & L. of Scot. Coll. of Agriculture. 1925.Standard Rain Gauge, by Basella.

Diameter ...	5	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
Height	1.0											
Altitude ...	190											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
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	1.16	.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	1.56	1.12	
June	.96	.27	1.53	1.01	1.88	4.23	2.72	3.17	4.98	2.89	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	3.99	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	2.92	3.18	2.84	2.53	3.23	4.02	.55	1.47	1.96	3.99	1.44	
TOTALS.	28.73	25.30	22.25	25.56	29.61	34.68	30.78	34.99	34.30	26.36	30.84	
	D	D	P	P	D	D	D	D	D	D	D	

1925. A. McCallum left the staff of the College some years ago.
1925. not left some years ago.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge

RAINFALL at Liberton (College Garden) ^{Farm.} M.W.R.
 County of Middlethian Edinburgh & East of Scotland
 River Basin 5-Almond &c. Observer College of Agriculture
 Type of Gauge Snowdon

Annual Average 27.7 in. based on 19 years obs. wt-weighted. Period of average 1881-1915 Ref. Survey
 Comfortable XI/36

Diameter	5"										
Height	1' 0"										
Altitude	190'										
Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	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	(20) 1.43	.04	1.85	2.57	3.41	1.76	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	1.68	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	1.44	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	28.31
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

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
1938			Newington	to n	n	Liberton	to n	s

Station No.

5137

RAINFALL at Leiberton (College Farm) M.W.R. 41County of MiddlethianObserver Edinburgh & East of ScotlandRiver Basin 5 - Almond &c.College of AgricultureType of Gauge SnowdonAnnual Average 27.7 in. based on 19 years obs. un-weighted. Period of average 1881 - 1915 Ref. Survey.

File No.

Diameter	5"				900	104				
Height	1' 0"						1			
Altitude	190'						41			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	2.03	3.32	2.29	1.82	3.31	1.76	2.01	5.31	2.24	1.36
February	2.99	1.43	1.23	.75	2.86	1.56	(1.31)	2.20	1.81	2.87
March	3.36	1.15	1.53	.61	.85	1.33	(3.75)	.95	.91	2.36
April	1.52	1.54	.91	1.75	1.05	.33	3.13	1.48	1.13	2.06
May	3.20	1.78	3.65	2.37	3.99	1.80	2.91	2.13	1.99	2.09
June	1.00	1.01	1.81	2.12	1.49	1.40	2.96	2.72	.97	1.74
July	3.19	3.05	2.82	2.87	1.92	2.89	1.78	2.00	2.75	2.85
August	2.94	2.54	3.72	2.34	3.00	3.34	.20	8.51	3.08	2.68
September	1.10	2.73	1.18	4.53	2.97	3.11	1.23	2.60	1.52	4.99
October	3.55	2.73	2.98	2.36	3.69	.89	1.08	1.31	4.58	2.03
November	2.10	0.60	.84	5.40	.19	3.33	2.84	(2.26)	3.30	3.60
December	1.09	1.60	.88	2.05	2.08	1.80	1.76	2.32	4.00	1.83
TOTALS	28.07	23.48	\$3.84	28.97	27.40	23.54	24.96	34.79	28.28	30.46
	D	D	D	D	D	D	D	D	D	D

1947 Feb. has est. by rel. sec. 21(2) for snow

3000# 00024

Inspected 22.10.48. by Mr. Thompson. Casing & funnel broken, delivery pipe missing. Shrub 3' high 3 feet to E/S.E. of gauge. Unshielded measure inaccurate. Authority ordered to replace equipment.

1948 imp. gauge out of order.

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

Station No. 5137

51

RAINFALL at Lelerton (College Farm)

County of Midlothian

Observer Edinburgh & East of Scotland

River Basin 5 - Almond &c

College of Agriculture

Type of Gauge Smawdon

Annual Average 27.7 in. based on 19 years obs. unweighted. Period of average 1881-1915 Ref Survey
 " 28.51 " " 40 " " within 1916-58. " " " 1916-50 " " File No.

Diameter ...	5"			900	104						
Height ...	4' 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	1.49	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	2.60	.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	1.23	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	2.67	
TOTALS ...	33.92	26.07	22.85	36.06	17.88	30.01	26.12	30.25	17.93	25.27	

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

24004

00104

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NT (36) 773705.

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
		C 1914	/	/	✓ np +	✓
		-	-20 ✓	-32 ✓	+ mto 82 200 J 1943-1948	g 9

Station No. 5137

RAINFALL at Liberton (College Farm) 51

County of Midlothian

Observer Edin. & E. Scotland Coll. of Agric.

River Basin. 5 Almond &c.

per Mr A. G. Mackintosh

Type of Gauge.

Annual Average 27.7 in. based on years obs. un-weighted. Period of average.

Ref.

File No. CS3

Diameter ...	5"										
Height ...	1'										
Altitude ...	190'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.90	2.77	4.8	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	2.88	1.63	.20	2.63	1571
March ...	2.72	1.53	4.5	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	5.3	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	3460
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
October46	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	25.22	26636

P.M. 1952

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 36/273705

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
		C1914 -	✓ D 21-30	✓ D 31-33-40	✓ Ludl 49	NB 48 L 42-48 222
(6x)	Wt. 13072—58g Tm 8/3 T.S. 841					