

RAINFALL AT

Lavibber Reservoir

Lat.

Lon.

County of

Linlithgow

Rain Gauge, by

Observer

W H Henderson Esq

Forth, Rank - 2.

J Bawne Esq

Diameter . . .									5		
Height									7		
Altitude								400	330		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								2.06	1.90	5.75	
February								2.36	1.94	2.06	
March								3.76	1.25	3.21	
April								1.86	2.65	3.42	
May								2.45	2.21	3.92	
June								4.86	1.69	1.56	
July								1.66	1.18	3.97	
August								4.97	3.98	.82	
September								1.15	4.55	4.65	
October								1.40	6.30	2.51	
November								2.90	2.78	4.30	
December								4.58	4.77	3.23	
TOTALS								34.01	35.20	39.40	

1897 Linlithgow Church 3 miles N.E.

Bowden Hill 700 ft high close SE

1898 House 30 ft high 98 ft N.W.

RAINFALL AT *Carribber Reservoir Estate*

Lat. Lon. County of *Linlithgow*

Sweden Rain Gauge, by Observer *J. Rawne Esq.*

N. North Bank - 2. *J. J. Lawrie Esq.*

Diameter ..	5											
Height	0	7										
Altitude ..	340	T					425					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.96	1.81	2.29	6.80	3.22	1.36	3.62	1.79	4.25	4.71		
February ..	3.38	.88	1.23	5.89	2.66	1.70	1.55	2.37	1.45	1.52		
March	1.42	2.28	1.68	6.53	1.63	3.27	2.84	2.75	4.19	3.84		
April	1.80	1.86	.97	1.25	2.25	1.76	.90	1.58	1.45	3.12		
May	1.70	2.06	1.89	1.72	3.62	.88	4.98	3.20	2.52	2.60		
June	3.72	2.32	2.55	1.91	1.35	.44	1.14	3.79	1.56	2.35		
July	3.06	1.20	3.83	4.68	2.90	2.60	1.91	2.30	3.31	4.16		
August	4.70	3.98	1.90	4.63	3.72	3.29	4.83	4.61	2.93	2.37		
September ..	2.95	1.48	1.50	2.26	2.24	2.23	1.28	.85	4.54	1.90		
October	4.64	2.36	1.55	7.30	1.15	2.15	5.53	7.97	1.51	(4.50)		
November ..	4.84	3.10	1.24	2.06	1.41	4.13	3.75	1.55	2.61	1.70		
December ..	5.35	3.28	3.28	1.86	4.09	2.72	1.74	3.92	2.08	4.16		
TOTALS ..	42.02	26.61	23.91	46.89	31.24	26.48	...	36.71	32.40	(36.93)	(38.03)	

(34.84)

1900 *Linlithgow Church* 2 1/2 miles N.E.

House 30 ft high 98 ft N

1903 *Linlithgow Station* 2 3/4 miles N.E.

1904 *Open fence wind gauge* 3 ft high + 3 ft square

1906 *House* 27 ft gauge moved 1000 ft S

1909 Oct. G. lamped with - the record is taken

from a gauge half a mile distant at same elevation.

Torphicken Church 2 miles SW.

Causewayend Station 2 " NW.

RAINFALL at Garribber ReservoirCounty of Linlithgow. Observer John Loudon Esq.River Basin Forth - Right bank trib. 2.Snowdon Rain Gauge, by _____

Diameter ...	5			6	5							
Height	0 7			0 4			0 6		4			
Altitude ...	425 T			400								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	SW5
January ...	3.96	1.95	1.81	2.70	3.41	1.83	4.66	1.88	3.41	3.00	28.61	12.95
February ...	3.48	5.36	2.52	2.52	3.41	2.86	5.34	.78	4.24	1.60	32.11	11.96
March	1.84	1.70	3.78	3.60	4.09	1.23	3.50	2.09	1.45	1.92	25.20	8.96
April	3.58	1.78	.69	2.92	1.71	1.83	2.05	1.91	.79	1.19	19.15	6.64
May	1.85	1.77	1.20	.64?	2.68	1.41	5.38	2.17	1.04	.64	18.78	9.23
June71	1.54	5.20	2.86	.80	1.45	1.71	1.53	(.60)	2.30	18.70	6.14
July	4.03	1.50	2.46	1.03	3.77	2.58	2.20	2.12	2.72	.66	23.07	7.77
August	5.48	1.71	4.25	1.03	2.33	(4.06)	4.11	4.40	2.09	2.34	31.50	12.94
September ..	.75	1.46	2.14	2.43	.90	1.76	1.45	1.54	5.16	2.81	20.40	10.96
October ...	2.08	3.43	3.12	2.9?	1.77	2.77	6.43	4.08	4.86	1.18	30.01	16.55
November ..	3.22	5.24	2.82	4.11	4.82	1.52	3.81	5.41	2.34	5.33	38.62	16.89
December ...	2.50	3.28	5.78	2.55	5.33	4.78	3.63	2.42	2.79	4.26	37.42	13.20
TOTALS ...	33.48	30.72	35.77	26.68	35.02	(28.08)	44.27	30.33	(31.49)	28.03	32.387	

1910. Sept. taken from a gauge half a mile distant.

1913. G. tampered with in May & October. Not published.

1914. Bowden Hill lies to S of reservoir 100 ft high 150 yds S.

1915. August gauge tampered with & estimated.

134.12

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Causeway End	1 mile	W.	Linlithgow	2 1/2 miles	NE.

RAINFALL at Catbeller Reservoir MCounty of Lincolnshire Observer John Louden, Esq.River Basin 2 Forth, R. bank. 1922 R. Freig Sheehan Esq.Sharden Rain Gauge, by 1924 W. Beattie, Esq.

Diameter ...	5					6"			5			
Height	0.4					4"		0.6				
Altitude ...	400					400'		350	400			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	SUMS
January ...	4.60	6.28	3.41	2.68	3.07	4.11	4.61	3.57	7.70	1.36	5.50	46.29
February ...	4.20	1.61	1.54	3.68	7.3	3.11	4.07	1.96	4.15	1.12	.79	26.96
March	3.74	4.71	1.23	1.31	1.14	2.06	2.25	2.79	3.17	.47	2.75	25.62
April	1.97	1.16	1.23	2.94	1.62	4.84	1.94	1.62	1.20	1.90	.78	21.20
May	2.79	1.12	2.33	1.43	4.37	5.84	3.18	1.98	1.72	2.19	1.35	29.30
June	1.33	.16	1.97	0.76	2.59	.29	2.73	3.36	5.12	2.28	2.23	22.82
July	4.28	6.22	3.88	3.00	2.93	1.20	3.52	3.55	1.30	2.90	4.33	37.11
August	5.31	5.77	1.79	5.15	3.50	3.22	1.75	6.73	3.98	4.40	4.71	46.21
September...	1.98	.45	2.06	3.64	3.74	4.42	3.07	6.72	2.89	.96	3.83	33.76
October	1.08	3.58	.96	3.57	3.16	2.68	5.08	4.97	4.75	4.14	4.22	38.19
November...	2.25	1.81	1.69	3.17	1.98	.53	5.67	2.42	3.93	4.95	5.18	34.58
December...	3.23	9.97	3.00	2.88	4.70	3.44	.96	1.43	3.44	6.45	2.62	42.12
TOTALS...	38.76	42.84	25.09	34.21	33.53	35.74	38.83	41.10	43.25	33.12	38.29	304.76
	M.			M								

1922 Bowden Hill 100 ft. 150 ft. S.
lying to S. side of Reservoir.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Gauseway End.	1 m.	W.	Lincolnshire	2 1/2 m.	N.E.

RAINFALL at Canibber ReservoirCounty of LinlithgowObserver Wm. BeattieRiver Basin 2 - Forth - Right BankType of Gauge N.D.Annual Average 33.1 in. based on 36 years obs. wt-weighted. Period of average 1881-1915 Ref. Summary
computed xu/36

Diameter	5'										
Height	0' 9"										
Altitude	350'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SVMS Means
January	2.30	5.65	3.83	4.19	1.60	4.64	3.42	5.75	4.77	1.73	37.88
February	2.46	.08	2.39	.31	3.28	2.92	4.04	1.09	4.39	1.15	22.11
March	1.52	2.33	1.50	3.61	1.25	2.35	1.70	2.00	3.22	2.87	22.45
April	2.46	3.17	1.53	3.88	2.95	.95	1.42	.37	1.55	2.79	21.07
May	3.82	3.30	1.75	1.73	.59	.95	1.94	4.69	.84	1.80	21.41
June	5.45	1.24	1.88	3.00	3.23	1.17	1.83	3.75	1.55	.50	23.60
July	4.63	2.80	4.18	3.65	1.10	2.73	3.85	2.72	3.30	7.33	36.29
August	4.82	.80	1.62	3.45	2.20	2.15	5.00	1.71	1.00	1.21	23.96
September	1.68	3.60	1.13	2.89	5.00	3.20	2.75	3.55	1.65	2.74	28.19
October	2.68	4.80	2.58	4.82	7.31	2.75	4.15	7.30	3.12	4.15	43.66
November	5.72	2.87	1.80	.88	4.35	3.05	.40	6.48	6.45	4.36	36.36
December	1.97	8.32	.63	3.07	1.64	3.65	2.12	2.12	1.26	2.76	27.54
TOTALS	39.51 M.	38.96 M.	24.82 M.	35.48 M.	34.60 M.	30.51 M.	32.62 M.	41.53	33.10	33.39	344.52

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	Parish Church.	Distance from gauge	Direction
1931.			Cansewayend	2 1/2 m	N.	Linlithgow	3 m	N.E.
1938			Linlithgow	3 m	N.E.	"	-	-

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

Station No. 5158

RAINFALL at Carribber Reservoir

41

County of West Lothian Observer W^m Beattie Esq.

River Basin 2-Fork - Right Bank

Type of Gauge

Annual Average 33.1 in. based on 36 years obs. un-weighted. Period of average 1881-1915 Ref Survey

File No. X

Diameter	5"				897	508						
Height	0' 9"					1						
Altitude	360					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.03	4.42	3.62	4.04	1.96	3.80	6.11	6.84	3.88	2.56	36.26	
February	4.48	1.50	2.62	1.03	3.88	2.74	2.14	3.64	8.65	2.97	28.65	
March	3.45	1.34	2.20	.73	2.33	2.67	4.50	2.32	1.14	2.57	23.25	
April	1.52	2.44	1.55	2.75	1.27	.80	4.35	2.68	2.29	2.75	22.40	
May	5.58	2.38	3.55	2.71	4.56	1.94	3.64	2.29	2.12	2.28	31.35	
June	0.55	1.03	3.08	2.82	3.32	2.00	3.89	4.88	.75	1.77	24.09	
July	2.85	1.96	2.74	2.28	3.13	3.45	3.26	3.47	2.45	5.35	30.94	
August	3.45	2.81	4.63	4.64	(2.70)	3.74	.01	7.98	3.94	3.47	37.37	
September	.70	4.70	2.79	4.47	5.06	5.55	2.59	4.24	1.73	7.38	39.21	
October	3.15	3.10	5.83	4.34	4.95	.73	1.15	2.58	5.25	1.98	33.06	
November	2.18	.64	1.27	8.11	.55	4.69	4.55	3.44	3.05	3.29	31.77	
December	1.66	2.32	1.64	3.51	2.97	3.49	2.53	3.78	5.64	2.08	29.62	
TOTALS	31.60	28.64	35.82	41.43	36.68	35.60	35.72	48.14	35.89	38.45	367.97	
	M	M	M	M	M	M	M	M	M	M		

1945 Aug part col'd - gauge tampered with

00204

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.
1941			hirlithgow	3 ml	NE.	hirlithgow	3 ml	NE.

BRITISH RAINFALL ORGANIZATION

Station No. 5158

RAINFALL at Lamber Reservoir

51

County of West LothianObserver Wm Beattie Esq.River Basin 2-7-4-2 Right BankType of Gauge M.O.Annual Average 33.1 in. based on 36 years obs. un-weighted. Period of average 1881-1915 Ref. Survey" " 35.12 " " 42 " " within 1916-58. " " 1916-50 " " S.

File No.

Diameter ...	5"				897	508						
Height ...	0' 9"					1						
Altitude ...	350'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.80	2.68	0.95	3.62	2.04	1.74	4.20	2.39	1.08	3.58		
February ...	2.23	.70	1.35	2.11	2.07	1.63	3.40	2.28	.88	2.74		
March ...	3.64	1.90	.50	1.26	1.42	1.59	2.35	2.14	1.08	1.81		
April ...	2.40	.86	2.52	2.10	.68	.55	1.87	1.56	2.01	1.86		
May ...	2.43	1.58	2.47	4.15	2.45	1.32	2.35	2.94	1.02	1.98		
June ...	2.11	2.61	1.21	2.21	1.05	3.23	1.74	3.98	2.28	1.41		
July ...	6.02	2.65	6.18	2.96	.89	4.30	3.48	6.42	3.48	2.74		
August ...	4.22	3.50	2.80	5.17	1.44	5.83	3.04	(3.90)	.72	3.23		
September ...	2.00	2.41	3.18	3.47	2.33	3.90	2.14	4.10	.78	1.88		
October ...	0.56	2.46	1.54	7.50	1.72	1.96	2.85	2.08	3.12	3.91		
November ...	5.45	2.10	4.83	4.00	1.32	.68	2.39	1.05	6.98	3.28		
December ...	4.08	2.38	3.82	4.62	4.68	3.58	4.29	5.38	4.55	4.16		
TOTALS ...	38.94	25.83	31.35	43.17	21.79	30.31	34.10	38.22	27.98	32.58		
	M	M	M	M	M	M	M	M	M	M		

90204

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference (26)972749

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-Respected

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