

RAINFALL AT Lamington Congill ReservoirLat. Lon. County of LancashireRain Gauge, by Observer James Buchanan Esq. C.S.Clyde - R bank - 4.

Diameter ..							5				
Height							10				
Altitude ..							970				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..					3.68	2.87	5.17	2.59	4.52	5.70	
March					2.76	2.34	3.17	2.79	3.81	2.63	
April					2.94	6.06	2.89	3.81	6.22	4.48	
May					4.73	2.94	2.06	3.03	1.55	2.91	
June					2.88	1.89	5.78	4.23	2.57	2.24	
July					2.51	1.20	2.00	3.85	2.41	2.38	
August					3.26	2.79	2.76	3.02	2.31	5.57	
September ..					4.58	3.94	7.10	5.35	4.42	3.12	
October					2.50	2.21	1.01	.97	5.00	2.86	
November ..					1.96	3.66	7.07	10.00	.85	7.74	
December ..					2.69	4.54	5.49	3.13	3.50	2.55	
					3.75	3.05	3.39	4.69	1.79	4.07	
TOTALS ..					38.24	31.49	47.89	47.46	38.95	46.25	

1906 Lamington Church 4 miles N.W.
 Station
 Gauge in an open space

1904-05. Recd. entered XII. 1911.

RAINFALL at Lamington, Cowgill ReservoirCounty of Lanark Observer J. Chisholm Esq. C.E.River Basin Clyde - Right bank tribs. 4.

Rain Gauge, by _____

Diameter ...	5										
Height	1	0									
Altitude ...	970T	1012	970T								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.78	3.23	4.75	5.32	3.86	3.67	7.66	2.69	3.68	4.34	4298
February ...	7.81	5.59	3.49	2.94	6.83	7.50	5.94	1.25	5.92	.78	4805
March	4.05	2.78	5.14	6.58	5.60	2.16	3.14	2.91	1.74	4.50	3860
April	4.35	5.60	1.27	5.74	3.00	2.76	3.21	2.88	.61	4.72	3384
May	2.66	2.98	1.59	3.63	2.43	1.35	4.61	1.88	2.43	1.19	2475
June	1.18	3.75	5.53	3.13	1.43	1.22	4.26	3.00	1.56	3.50	2856
July	5.04	1.76	2.62	1.03	3.42	4.95	6.31	1.79	3.40	1.10	3142
August	6.64	2.29	4.57	1.93	3.25	2.97	4.18	6.46	2.63	3.80	3872
September ...	1.07	2.03	2.92	2.15	1.51	1.60	3.16	3.25	5.33	3.75	2677
October ...	3.16	3.90	3.29	2.98	2.16	1.82	7.11	6.24	5.95	2.12	3873
November ...	3.06	6.45	3.92	4.96	5.71	2.39	5.94	5.85	4.48	3.97	4673
December ...	5.74	7.75	9.02	3.60	8.19	6.67	4.69	2.67	4.38	7.46	6017
TOTALS ...	48.54	48.11	48.11	43.99	47.39	39.06	60.21	40.57	42.11	41.23	45.932

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Lamington	5	NW	Lamington	5	NW.

RAINFALL at *Lamington (Cavell Reserve)*.County of *Lancashire* Observer *J. L. Hildon, Esq. C.E.*River Basin *14 Clyde, Ribbles, Airedale Coalfield & District Water Bd.*

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	970								1012		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.
January ...	7.09	7.50	4.46	3.61	3.80	4.23	6.00	5.40	7.35	1.25	5.14
February ...	4.61	4.93	4.05	6.84	8.5	5.49	3.75	1.73	3.87	1.30	3.4
March	3.16	5.92	2.17	1.92	5.3	1.93	3.11	3.45	4.30	60	1.93
April	2.68	1.31	2.03	3.42	2.80	5.20	2.60	2.78	1.10	1.18	1.20
May	5.10	1.95	2.66	2.80	4.25	5.25	4.44	1.75	1.63	2.50	2.25
June	1.62	6.09	2.37	1.53	1.61	3.9	3.79	3.10	4.11	1.70	2.25
July	3.82	3.80	4.42	4.40	4.50	2.32	3.75	3.27	2.62	2.72	3.40
August	5.81	7.72	3.05	7.62	4.59	3.57	3.50	6.12	5.46	5.90	5.76
September...	3.24	1.69	2.39	5.40	4.50	4.00	3.65	6.27	2.45	72	2.75
October	2.30	3.38	2.42	5.07	3.33	6.43	4.48	4.90	5.30	4.76	5.20
November...	3.49	1.74	2.55	3.75	2.15	1.84	5.10	3.60	3.73	4.47	4.20
December...	2.96	6.07	3.68	3.76	6.10	3.95	1.33	1.50	2.75	7.48	2.96
TOTALS...	46.88	42.70	36.25	50.12	39.01	44.60	45.50	43.87	45.67	32.58	36.58?

1930 Year appears about 15' less. Mr. Edinburgh have written observer suggesting that exposure may be unsatisfactory & asking for details.

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	Parish Church.	Distance from gauge	Direction from gauge
1920.			Lamington	5m.	N.W.	Lamington	5m	N.W.

RAINFALL at Lanington (Grogie Reservoir)

County of Lanark Observer J. Chisholm, C.E.

River Basin U. Clyde - Right Bank

Type of Gauge M.O.

Annual Average 42.4 in. based on 29 years obs. w_h-weighted. Period of average 1881-1915 Ref. 5
42.4 computed x137

Diameter	5'										
Height	1' 0"										
Altitude	1012'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.96	6.52	5.70	5.48	2.14	4.67	7.80	5.52	4.57	1.54	
February	2.55	3.5	5.70	.22	3.80	3.26	3.90	2.20	5.28	1.90	
March	1.50	2.92	2.96	3.90	1.40	1.96	2.26	2.20	3.49	4.46	
April	2.00	3.30	1.75	4.30	3.78	1.18	1.92	.40	1.62	2.70	
May	2.31	2.72	3.16	3.45	.92	.85	1.82	2.50	.92	1.20	
June	5.80	1.50	1.81	2.25	2.85	3.15	2.90	4.85	2.36	.95	
July	4.30	4.72	4.77	2.42	1.22	4.20	4.60	4.65	3.53	5.96	
August	3.45	.94	2.21	3.77	1.87	1.74	3.50	1.91	2.40	2.14	
September	1.10	4.47	1.34	4.24	4.40	2.75	2.30	3.60	1.68	4.83	
October	3.12	6.52	3.37	6.80	6.18	3.98	4.78	6.22	2.41	4.50	
November	6.50	2.67	2.26	1.52	5.65	6.68	.64	7.40	6.42	4.55	
December	3.78	7.50	.68	6.68	2.30	4.64	1.68	3.60	1.83	3.95	
TOTALS	39.37	44.13	33.71	45.03	36.45	39.16	38.10	46.05	36.51	38.68	
	M.	M.	M.	M.	M.	M.	M.	M.	M.		

1931. April - leak found in gauge.

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
1931.			Lanington	5m.	N.W.	Lanington	5m.	N.W.

Station No.

5165

RAINFALL at Lanington (Cowgill Res^y)

41

County of Lanark

Observer

J. Chisholm C.E.River Basin 4- Clyde-Right BankDavid T. Brown Esq (21-43)

Type of Gauge

51Annual Average 42.4 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref S

File No.

Diameter	5"				651	807					
Height	1' 0"					1					
Altitude	1012'					91					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.93	4.60	4.46	3.78	2.92	4.12	4.68	5.47	4.58	4.47	
February	3.33	1.56	3.45	1.26	4.23	1.84	0.56	2.95	3.84	5.13	
March	2.80	1.78	1.86	0.37	2.12	2.20	3.22	3.17	1.52	4.81	
April	1.64	2.24	1.66	2.13	1.56	1.02	5.69	3.13	3.39	3.81	
May	5.08	3.22	4.02	2.18	5.13	0.80	3.55	1.70	1.90	1.85	
June	0.95	0.93	3.45	3.86	3.87	2.64	2.97	6.06	1.24	2.79	
July	2.72	2.65	2.06	2.02	3.36	4.20	3.32	2.69	1.41	4.35	
August	5.33	4.20	3.91	3.32	1.90	3.44	0.00	6.02	3.84	5.01	
September	1.60	3.84	2.86	4.20	5.78	5.70	3.30	4.37	2.27	7.36	
October	3.06	4.34	6.41	3.25	4.08	.72	1.38	3.39	5.93	3.68	
November	3.75	1.08	1.75	7.02	.37	6.14	4.80	2.67	4.55	4.74	
December	1.78	5.38	2.49	4.48	3.03	2.98	2.55	6.66	7.21	1.43	
TOTALS	32.97	35.82	38.38	37.87	38.35	35.80	36.01	48.28	41.68	44.55	
	M	M	M	M	M	M	M	M	M	M	

1944 n.p. low.

1945 n.p. low 20.7.45 Site cleared of bushes and undergrowth 100' all round gauge.

1946 n.p. low.

1947 5" gauge ordered 29.10.47. for new site nearby. (Inquiry states old ground + site reasonable).

1947 N.p. low.

1948 n.p. low. Feb. 10.48. S.W. New g. received 3.12.47 - not yet installed. We are to be informed.

New g. installed 1.3.48. Reservoir embankment 100ft (sloping) 200 yds to S (new site).

1949 n.p. low. Inquiry requested

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.
1948			Lanington	5 m.	N.W.	Lanington	5 m.	N.W.

BRITISH RAINFALL ORGANIZATION

651807

Station No. 5165RAINFALL at Larington (Leawell Res)

51

County of Lanark Observer David T. Brown Esq. C.E.River Basin 4-Blude-Right Bank FallsType of Gauge M.O. 4221/44Annual Average +2.4 in. based on 29 years obs. un-weighted. Period of average 1951-1955 Ref. S" 43.83 " " 9 " " 1951-59" 1916-50File No. S

Diameter ...	5"				651	607					
Height ...	^{ump} 6"	1.0				1					
Altitude ...	1012'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.87	3.84	1.49	3.22	3.77	2.10	6.96	4.10	1.74	3.76	
February ...	3.73	.91	1.32	2.64	1.44	1.49	4.58	3.94	1.15	3.92	
March ...	2.85	1.76	0.76	2.75	1.35	1.61	4.15	1.58	2.54	2.63	
April ...	3.56	2.62	2.72	.35	1.53	0.92	2.68	1.89	3.50	3.16	
May ...	2.42	1.19	2.44	3.81	2.34	2.04	2.63	3.29	1.68	2.01	
June ...	1.68	3.00	1.52	3.24	1.16	3.48	2.63	2.85	3.48	1.74	
July ...	2.61	3.25	6.55	3.78	2.17	3.76	4.79	6.07	3.88	3.26	
August ...	6.71	3.19	3.45	3.92	2.81	7.44	4.06	4.58	.98	4.52	
September ...	3.23	1.96	3.37	7.22	3.09	4.56	3.48	4.32	1.21	3.60	
October ...	0.67	3.12	3.96	8.29	3.60	3.63	5.32	2.91	5.37	2.70	
November ...	7.03	3.31	4.97	8.66	1.99	1.96	1.37	.98	7.23	6.55	
December ...	6.77	4.22	4.05	6.01	4.42	5.77	5.48	5.10	5.44	4.96	428.1 64
TOTALS ...	45.13	32.27	36.60	53.89	29.67	38.76	48.13	41.61	38.20	42.81	
	M	M	M	M	M	M	M	M	M	M	

Map 16-10-52. New high measured 94.7445 (until now using flat bottomed means).

Past 4 years rain gauge above replaced (see damaged memo), found supported above minor cany stones. In previous leading to measure, slightly overexposed. 1/2" above ground.

Replaced with 40" H. kind of kinford. 9. to be replaced. New measure to be used.

6513
75

1064 76.1 863 126.4 70.0 914 1175

P.T.O

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 36/223.223

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

Summary of Earlier Records from 10-year Sheets :

226

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