

RAINFALL AT Lavington Congill Reservoir

Lat. Lon. County of Lanark

Rain Gauge, by

Observer James Chisholm Esq. C.S.

Clyde - R Bank - ft.

Diameter ..							5				
Height							10				
Altitude ..							970				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. ANNS.
January ..					3.68	2.87	5.17	2.59	4.52	5.70	
February ..					2.76	2.34	3.17	2.79	3.81	2.63	
March					2.94	6.06	2.89	3.81	6.22	4.48	
April.....					4.73	2.94	2.06	3.03	1.55	2.91	
May					2.88	1.89	5.78	4.23	2.57	2.24	
June					2.51	1.20	2.00	3.85	2.41	2.38	
July					3.26	2.79	2.76	3.02	2.31	5.57	
August					4.58	3.94	7.10	5.35	4.42	3.12	
September..					2.50	2.21	1.01	.97	5.00	2.86	
October....					1.96	3.66	7.07	10.00	.85	7.74	
November ..					2.69	4.54	5.49	3.13	3.50	2.55	
December ..					3.75	3.05	3.89	4.69	1.79	4.07	
TOTALS ..					382.4	374.9	47.89	47.46	38.95	46.25	

1906 Lavington church 4 miles N.W.
Station
Gauge in an open space

1904-05. Recd. entered XII. 1911.

RAINFALL at Lamington, Cowgill Reservoir

County of Lanark Observer J. Chisholm Esq. C.B.

River Basin Clyde - Right bank trib. 4.

Rain Gauge, by

Diameter ...	5										
Height	1	0									
Altitude ...	970T	1012T	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	.98	+805
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	2.58	.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	2.15	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 (Caughall Reservoir).County of LancashireObserver J. Chisholm, Esq., C.E.River Basin Clyde, R. Grange.

Airdrie Coalbridge & District Water Bd.

Rain Gauge, by _____

Diameter ...	<u>5</u>											
Height	<u>1.0</u>											
Altitude ...	<u>970</u>								<u>1012</u>			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		<u>1930 MEAN.</u>
January ...	<u>7.09</u>	<u>7.50</u>	<u>4.46</u>	<u>3.61</u>	<u>3.80</u>	<u>4.23</u>	<u>6.00</u>	<u>5.40</u>	<u>7.35</u>	<u>4.25</u>	<u>6.14</u>	
February ...	<u>4.61</u>	<u>0.13</u>	<u>4.05</u>	<u>6.84</u>	<u>.85</u>	<u>5.49</u>	<u>3.75</u>	<u>1.73</u>	<u>0.87</u>	<u>1.30</u>	<u>3.4</u>	
March	<u>2.16</u>	<u>5.92</u>	<u>2.17</u>	<u>1.92</u>	<u>.53</u>	<u>1.93</u>	<u>3.11</u>	<u>3.45</u>	<u>4.80</u>	<u>.60</u>	<u>1.93</u>	
April	<u>2.68</u>	<u>1.31</u>	<u>2.03</u>	<u>3.42</u>	<u>2.80</u>	<u>5.20</u>	<u>2.60</u>	<u>2.78</u>	<u>1.10</u>	<u>1.18</u>	<u>1.20</u>	
May	<u>5.10</u>	<u>1.95</u>	<u>2.66</u>	<u>2.80</u>	<u>4.23</u>	<u>5.25</u>	<u>4.44</u>	<u>1.75</u>	<u>1.63</u>	<u>2.50</u>	<u>1.20</u>	
June	<u>1.62</u>	<u>.69</u>	<u>2.37</u>	<u>1.53</u>	<u>1.61</u>	<u>.39</u>	<u>3.79</u>	<u>3.10</u>	<u>4.11</u>	<u>1.70</u>	<u>2.25</u>	
July	<u>3.82</u>	<u>3.80</u>	<u>4.42</u>	<u>4.40</u>	<u>4.50</u>	<u>2.32</u>	<u>3.75</u>	<u>3.27</u>	<u>2.62</u>	<u>2.72</u>	<u>3.60</u>	
August	<u>5.81</u>	<u>7.72</u>	<u>3.05</u>	<u>7.62</u>	<u>4.59</u>	<u>3.57</u>	<u>3.50</u>	<u>6.12</u>	<u>5.46</u>	<u>5.90</u>	<u>5.76</u>	
September...	<u>3.24</u>	<u>1.69</u>	<u>2.39</u>	<u>5.40</u>	<u>4.50</u>	<u>4.00</u>	<u>3.65</u>	<u>6.27</u>	<u>2.45</u>	<u>.72</u>	<u>2.75</u>	
October.....	<u>2.30</u>	<u>3.38</u>	<u>2.42</u>	<u>5.07</u>	<u>3.33</u>	<u>6.43</u>	<u>4.48</u>	<u>4.90</u>	<u>5.30</u>	<u>4.76</u>	<u>5.20</u>	
November...	<u>2.49</u>	<u>1.74</u>	<u>2.55</u>	<u>3.45</u>	<u>2.15</u>	<u>1.84</u>	<u>5.10</u>	<u>3.60</u>	<u>3.73</u>	<u>4.47</u>	<u>4.20</u>	
December...	<u>2.96</u>	<u>6.07</u>	<u>3.68</u>	<u>3.76</u>	<u>6.10</u>	<u>3.95</u>	<u>1.33</u>	<u>1.50</u>	<u>2.75</u>	<u>7.48</u>	<u>2.96</u>	
TOTALS...	<u>46.88</u>	<u>42.70</u>	<u>36.25</u>	<u>50.12</u>	<u>39.01</u>	<u>44.00</u>	<u>45.50</u>	<u>43.87</u>	<u>45.67</u>	<u>34.58</u>	<u>36.53?</u>	

1930 year appears about 15° less. M.P. Edinburgh have written observe suggesting that reference 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	Parish Church.	Distance from gauge
1920.			<u>Lamington</u>	<u>5 m.</u>	<u>N.W.</u>	<u>Lamington</u>	<u>5 m.</u>

RAINFALL at Lamington (Coogee Reservoir)County of LanarkObserver T Chisholm, C.E.River Basin U - Clyde - Right BankType of Gauge M.O.Annual Average 42.4 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. 5
Computed x 137

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	3.0	5.70	.22	3.80	3.36	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	3.76	1.18	1.92	.40	1.62	2.70		
May	2.31	2.72	3.16	3.45	.92	.85	1.82	3.50	.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	6.16	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	4.56		
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	35.71	45.03	36.45	39.16	38.10	46.05	36.51	38.68		
	M	M	M	M	M	M	M	M	M	M		

1931. April - leak found in gauge.

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	Parish Church.	Distance from gauge
1931.			Lamington	5m. N.W.	Lamington	5m. N.W.

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

651807

Station No.

5165

RAINFALL at Lamington (Cowgill Res³)

41

County of Lanark

Observer

T. Chisholm, C.E.

River Basin 4-Clyde-Right Bank

David T Brown Esq (xx-43)

Type of Gauge



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

File No.

Diameter	5"				651	807					
Height	1' 0"					1					
Altitude	1012'					41					
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	2.47	
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	4.87	
April	1.64	2.24	1.66	2.13	1.56	1.02	5.69	3.13	3.29	3.87	
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	0.20	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	4.44	
December	1.78	5.38	2.49	4.48	8.03	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	44.53	
	M	M	M	M	M.P.	M.P.	M.P.	M.P.	M.P.	M	

1944 m.p. low

1945 m.p. low 20.7.46 Site cleared of bushes and undergrowth 100' all round gauge.

1946 m.p. low.

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

1947 M.P. low.

1948 m.p. low, Feb 16 long. Site - New g. received 3.12.47 - not yet installed. Weather to be informed.

New g. installed 1.3.48. Reservoir embankment 100ft (sloping) 300 yds to S (new site).

1949 m.p. low. Inspection required.

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	Direction
1948			Lamington	6 m.	N.W.	Lamington	5 m.	N.W.

Station No. 5165

RAINFALL at Lavington (Lavergill Res.)

51

County of Lancashire

Observer David T. Brown Esq., C.E.

River Basin: 4-Blyde - Right Bank Tribes

Type of Gauge: M.O. 40261/46

Annual Average 42.4 in. based on 21 years obs. yx-weighted. Period of average 1951-1955 Ref S
 " " 43.83 " " 9 " " 1951-59 File No. S.
 235849

Diameter ...	5"				651	807					
Height ...	5" 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	1.88	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	3.21	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	6.4
TOTALS ...	45.13	32.27	36.60	53.89	29.67	38.76	48.13	41.61	38.20	42.81	
	7	M	M	M	M	M	M	M	M	M	

Drops W. Thomas 16.10.52. New drop measured 8.47±4.5 (until now using fallen bottle means).

Part of oak container above spayed tree damaged removed, funnel supported (N.W.S.) about river bank by stones. Guttering leading to reservoir, slightly overexposed, lip 6' above ground.

W 13
75

106.4 76.1 86.3 126.4 70.0 91.4 117.5

P.T.O.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 36/0.022.2.2.2

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
		✓	✓	✓	✓	✓