

RAINFALL AT Falkland Lofthie ReservoirLat. Lon. County of FifeRain Gauge, by Observer A. Buchan Esq.Level tc - 2.

Diameter							5				
Height							1				
Altitude							700				
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.43	1.91	5.49	4.31	3.49	7.07	2.11	7.21	2.23	2.46	3.971
February	2.72	7.32	6.49	1.88	.97	2.62	4.78	2.50	2.36	6.20	3.784
March	1.15	1.54	3.83	2.74	2.39	2.43	4.53	3.26	.87	3.02	2.581
April.....	.15	7.32	2.44	.22	2.14	1.00	5.53	3.47	1.19	3.78	2.754
May	2.52	1.10	4.59	3.59	2.74	1.43	1.20	2.03	4.53	2.46	2.619
June.....	1.80	2.20	3.58	1.24	.69	2.18	3.00	3.25	3.33	6.02	2.738
July	1.53	4.56	2.58	4.92	2.91	2.52	1.81	5.35	.83	6.02	3.303
August.....	1.21	2.69	5.70	2.92	4.83	2.01	3.72	11.06	4.79	6.32	4.525
September.....	3.13	2.11	4.05	3.73	3.27	3.92	4.05	2.22	3.75	2.66	3.289
October.....	4.71	4.55	5.28	4.94	4.05	7.54	4.53	4.40	3.90	1.73	4.563
November.....	2.16	3.47	5.27	2.46	3.82	6.35	6.43	3.73	2.46	1.58	3.773
December.....	5.71	2.64	6.52	2.27	3.23	3.91	10.89	2.71	2.52	1.53	4.195
TOTALS	30.52	41.50	55.84	35.22	34.53	42.98	52.63	51.19	32.76	43.78	42.095

RAINFALL AT Falkland, Lochrie Reservoir

Lat.

Lon.

County of Fife

Rain Gauge, by

Observer A. Buchan, Esq.

Leven TC - 2.

Diameter	5										
Height	0.1										
Altitude	700										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.59	1.42	2.23	4.42	5.02	2.44	7.97	2.83	2.02	1.16	
February	3.10	8.47	2.79	2.69	1.91	4.17	3.22	1.97	1.97	2.27	
March	2.06	4.90	4.27	2.15	3.18	3.36	6.91	1.85	4.90	2.32	
April	4.67	.66	4.60	2.20	1.76	3.57	1.72	1.89	2.06	4.55	
May	1.02	3.03	3.07	1.46	3.32	5.16	4.91	1.65	2.42	4.06	
June	1.88	3.06	3.94	3.08	.28	.57	1.51	.63	3.03	1.71	
July	4.46	4.49	5.70	6.43	5.57	.69	3.25	2.59	5.39	2.62	
August .....	.78	6.23	2.55	4.27	1.93	2.88	1.68	2.68	2.76	6.86	
September	2.99	4.31	2.95	4.32	2.34	5.96	3.84	3.83	.62	.71	
October	2.50	4.40	4.58	3.00	2.39	2.08	4.88	1.54	1.92	3.94	
November	4.85	4.05	5.00	3.54	2.94	2.64	2.20	3.96	7.63	1.32	
December	4.43	3.52	5.69	1.95	4.98	2.46	4.39	1.60	2.57	2.08	
TOTALS	24.33	48.54	47.13	39.51	35.62	35.59	46.48	27.02	37.29	33.60	

Back years 1886-1889 recd. x11/46 - entered 2/1/47.

1886 appears to be excessive & 1887 is probably low.

24.9.47.

RAINFALL AT

Leslie Lotherie Reservoir

Lat. _____

Lon. _____

County of _____

Fife

Rain Gauge, by _____

Observer _____

Dr Buchanan F.R.S.

Event - 2.

Diameter												
Height												
Altitude												
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.30	1.65	2.69	2.38	5.15	3.86	1.36	2.64	1.31	5.72		
February	1.57	.54	3.68	5.61	6.93	2.11	1.20	2.43	1.43	2.96		
March	2.99	3.64	1.95	1.48	1.97	3.38	2.88	5.63	1.32	2.74		
April	1.08	1.46	1.09	1.13	1.89	1.96	1.29	1.71	3.78	3.91		
May	2.02	2.71	3.57	1.36	3.35	.66	.64	1.89	3.24	4.44		
June	3.40	.80	4.54	3.31	2.98	1.52	3.24	5.52	2.61	1.94		
July	2.83	3.81	1.76	3.30	3.26	5.63	4.60	1.41	1.36	3.32		
August	3.73	5.03	5.67	3.41	4.98	6.82	3.07	4.59	2.83	1.42		
September ...	1.96	5.52	2.17	2.53	.54	1.07	4.79	3.07	3.34	2.27		
October	3.77	3.23	5.94	3.34	3.65	2.96	3.90	1.99	5.61	4.01		
November	6.69	3.89	2.60	1.68	3.63	3.48	1.21	2.39	6.31	3.42		
December	4.07	5.82	1.38	3.53	2.53	5.84	6.62	4.85	2.84	5.92		
TOTALS	38.41 np	38.10 np	37.04 np	33.06 np	40.86 np	39.30	34.80	38.12	35.98	42.07		

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1890-1894 received from Edinburgh November 1934.
late np.

RAINFALL AT *Leslie Lohria Reservoir*

Lat.

Lon.

County of *Fife*

Rain Gauge, by

Observer

Dr Buchanan F.R.S.
for Muller

Lesson 10 - 2.

Diameter ..	...			5							
Height ....	...			5							
Altitude ..	...			702							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	4.70	3.51	1.61	5.20	1.58	.35	2.82	1.14	3.32	2.23	25646
February ..	6.55	1.41	1.21	5.77	4.19	.63	1.48	1.34	1.15	1.51	25214
March	2.68	1.98	1.45	4.36	2.14	3.35	2.17	2.20	4.59	4.44	2936
April	2.42	2.62	1.73	1.37	2.80	1.71	1.05	1.66	1.11	4.09	2056
May	2.58	3.05	2.12	1.98	3.57	1.93	6.64	4.96	2.63	3.14	3260
June	2.32	2.48	2.35	2.70	1.86	.18	1.48	4.73	1.56	2.41	2207
July	4.15	.86	3.47	5.88	1.73	1.80	1.02	2.32	3.55	4.48	2926
August	4.90	3.84	2.33	5.02	5.24	5.49	5.51	3.98	1.36	2.84	4051
September ..	3.01	2.52	1.95	3.06	3.45	1.93	1.26	1.52	7.82	2.12	2864
October	3.82	2.73	1.79	7.29	1.09	1.83	5.56	7.51	2.97	4.37	3896
November ..	6.13	2.89	2.80	1.56	.96	6.13	4.82	2.56	2.65	.32	3082
December ..	4.34	5.32	3.94	2.83	3.01	2.52	1.44	3.79	1.36	4.32	3287
TOTALS ..	47.60	33.21	26.75	47.02	31.62	27.85	35.25	37.71	34.07	36.27	35735

Hugh

RAINFALL at Leslie, Lothie ReservoirCounty of Fife Observer Sect. Meteorological Soc.
Mr. R. Ritchie (1914).River Basin Leven & C. 2.

Rain Gauge, by _____

Diameter ...	5										
Height	0 5										
Altitude ...	702										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUN'S Means.
January ...	3.14	1.05	2.68	4.23	2.50	1.75	3.54	2.02	3.68	3.70	12.94
February ...	2.98	2.97	2.88	1.62	3.03	5.09	3.26	1.12	2.93	3.27	10.58
March	1.65	2.28	4.15	4.44	4.00	2.09	4.79	2.00	1.43	2.58	10.80
April	4.26	1.18	3.0	3.00	1.53	1.19	3.27	2.01	.81	3.70	9.79
May	1.60	1.24	1.83	3.56	2.29	1.71	4.13	2.34	4.62	1.61	12.70
June	1.46	2.50	4.54	2.24	.92	2.52	3.78	2.38	.79	1.58	8.33
July	3.75	1.75	3.81	.64	2.01	3.62	7.11	1.68	4.44	1.01	14.24
August	8.72	1.01	4.81	1.35	3.21	2.82	2.85	6.40	1.41	2.25	12.91
September ..	.70	1.80	2.39	2.24	1.18	3.08	1.47	1.50	5.46	2.15	10.58
October ...	2.32	2.88	4.59	2.25	2.16	3.56	6.07	3.78	3.27	2.20	15.32
November ..	3.68	5.35	1.80	2.54	4.65	2.05	5.44	3.40	1.90	6.38	17.12
December ...	3.50	4.51	4.51	2.33	6.58	8.14	4.90	2.21	2.32	5.47	14.90
TOTALS ...	37.76	28.52	38.29	30.47	34.06	37.62	60.61	30.84	33.06	35.70	150.21

1919. Cottage 6 ft. above g. about 30 ft. E.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1894	Bellin 56° 13' or 14'	2° 15' or 16'	Leslie	approx 3 mi	SE	Leslie	approx 3 1/4 mi	E.

RAINFALL at Leslie, Lotherie ReservoirCounty of FifeObserver Mr R. Ritchie Esq.River Basin Leven & C. 2Water Manager Mr. MacdonaldNo. pattern Rain Gauge, by Fallis
(1925)

Diameter ...	5"			5"		5"						
Height	0.6			0.6		12"						
Altitude ...	702			702		700'						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	5415.
January ...	3.91	4.10	4.09	2.20	3.76	3.20	5.29	2.93	6.34	1.54	338	40.94
February ...	3.05	5.2	3.00	4.64	1.52	4.38	5.12	1.64	2.80	2.35	140	30.42
March	2.34	4.03	2.23	1.47	1.51	1.99	1.83	3.13	3.81	1.50	242	25.26
April	2.51	1.23	2.10	3.94	1.77	4.13	2.61	1.23	.82	2.20	228	24.82
May	3.72	2.25	1.31	2.03	5.67	5.68	2.62	2.27	1.69	2.88	162	31.74
June	1.34	41	2.42	1.50	2.30	.51	4.14	3.95	5.09	1.91	232	25.89
July	2.88	3.19	5.19	2.41	5.08	1.96	3.86	3.52	1.65	3.67	416	37.55
August	5.02	4.92	1.98	6.18	2.98	2.89	2.46	7.24	5.81	4.88	724	51.60
September...	1.67	1.83	2.88	3.29	5.21	3.42	3.85	6.97	3.41	1.45	618	39.16
October	2.44	3.86	2.13	2.87	3.13	3.01	4.76	5.43	5.16	3.75	358	40.12
November...	3.52	2.16	2.19	(2.65)	2.31	1.15	5.93	3.64	3.82	5.25	414	36.76
December...	4.03	3.85	2.44	3.97	3.49	2.74	.45	2.25	3.71	4.31	284	34.48
TOTALS...	36.43	32.38	31.96	37.15	39.33	35.06	42.92	44.20	44.11	33.69	41.54	418.74

1920 Cottage 6ft high 30ft S. 1925. A. moved Jan 1925. all readings taken with

1922 .50 for snow in Jan. added.

New gauge, in new position
imbankment 10ft. dia. 150ft N.
House ... 20 .. " 220 ft NE.

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	56° 13' 14"	3° 16' 16"	Leslie	3 mi	S E	Leslie	3 mi	S E

RAINFALL at Leslie (Lottie Reservoir)County of Hife Observer R. RitchieRiver Basin 2- Leven & C.Type of Gauge M.O.Annual Average 26.7 in. based on 38 years obs. un-weighted. Period of average 1881-1915 Ref 5

Diameter	5										
Height	1.0										
Altitude	700										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	50th Mean
January	3.15	3.33	2.51	3.54	7.4	5.14	3.17	6.44	5.05	1.39	3.446
February	2.36	.15	2.81	.13	2.34	4.49	4.29	1.20	2.48	1.47	2.172
March	1.57	3.17	1.78	5.29	1.43	3.55	2.46	1.44	2.32	3.01	26.02
April	2.96	2.55	1.46	5.75	5.13	.74	1.61	.18	1.49	2.30	24.17
May	3.33	3.99	1.78	2.28	.80	.81	2.34	4.31	.96	1.20	21.80
June	5.30	1.70	1.81	2.69	3.06	1.17	2.66	3.69	1.83	1.26	25.17
July	4.47	3.62	4.12	4.76	1.21	3.97	3.19	4.41	4.54	6.11	40.40
August	3.34	.39	1.24	3.17	2.95	1.42	6.04	1.77	1.32	1.24	22.88
September	2.43	2.37	2.22	3.15	5.03	4.54	2.22	4.18	2.47	2.59	31.20
October	1.92	7.40	3.88	5.28	6.55	2.51	4.62	6.47	4.80	5.60	48.43
November	6.75	2.23	1.72	.92	5.13	3.38	.75	4.56	5.69	5.81	36.94
December	1.42	6.33	1.42	5.16	2.45	3.00	4.17	2.30	1.63	2.77	30.65
TOTALS	39.00	37.23	26.75	42.12	36.82	34.72	36.92	40.95	34.58	34.75	36.84

1931. Embankment 10' high 150' N. House 20' high 220' N.E.

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
1931.			Leslie	3m.	S.E.	Leslie	3m.	S.E.

RAINFALL at

Leslie (Lottie Reservoir)

41

County of Fife

Observer

R. Ritchie Esq.

River Basin 2 - Leven & C

Type of Gauge

M

Annual Average 32.7 in. based on 38 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No.

Diameter	5"				887	396					
Height	1' 0"					1					
Altitude	700'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SUMS Means
January	366	349	5.97	2.44	(3.63)	3.05	3.80	6.02	3.02	1.87	36.95
February	533	170	1.88	1.00	3.74	1.25	(3.22)	3.40	2.09	2.68	26.29
March	326	159	1.70	.19	1.69	3.06	(5.04)	1.41	1.44	2.64	22.02
April	219	255	1.52	2.67	1.43	.48	3.84	2.24	2.55	2.03	21.50
May	330	401	4.91	2.70	4.29	2.11	4.07	3.25	1.99	2.09	32.72
June	0.56	1.05	2.60	2.61	3.27	2.93	4.31	5.19	1.49	3.05	27.06
July	3.08	3.85	2.97	2.86	3.95	4.50	1.73	2.70	2.75	4.69	33.08
August	4.26	3.24	6.40	3.20	2.69	5.36	0.00	8.58	3.57	3.36	40.66
September	0.76	3.13	3.08	4.13	3.85	5.93	2.60	4.01	2.67	6.63	36.79
October	3.76	3.20	3.94	3.57	5.31	.37	1.84	3.83	5.14	2.34	33.30
November	3.23	.66	1.50	6.35	.97	6.25	3.77	1.83	3.77	3.95	32.31
December	2.18	3.03	2.07	3.04	3.39	3.15	2.24	3.96	3.72	2.22	29.00
TOTALS	35.57	31.50	38.54	34.76	38.21	38.47	36.46	46.42	34.20	37.55	371.68
	D	D	D	D	D	D	D	D	D	D	

1947 Feb. & Mar. adj. for Snow

1950 Readings taken at 8 AM C.M.T. April readings taken at 8 AM A.S.T.

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

RAINFALL at Leslie (Lathrie Reservoir) Station No. 5483
 County of Life Observer R. Ritchie Esq.
 River Basin Leven & L-2
 Type of Gauge M.O.

51

Annual Average 37.27 in. based on 38 years obs. un-weighted. Period of average 1881-1915 Ref. S
196-1950
 File No. P

Diameter ...	5"				887	396					
Height ...	1' 0"					1					
Altitude ...	700'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.39	2.16	0.62	3.13	1.74	3.01	4.93	2.01	1.16	4.09	
February ...	3.34	.57	1.26	3.30	2.82	1.77	3.50	2.74	.88	2.63	
March ...	3.64	3.04	1.15	3.51	2.36	1.65	2.57	3.02	1.39	2.48	
April ...	2.27	1.94	2.64	1.77	1.14	.97	1.27	2.55	3.00	1.62	
May ...	2.64	2.00	2.52	6.24	2.92	1.34	1.97	2.44	.61	2.99	
June ...	2.47	2.98	1.31	2.95	1.60	4.06	1.53	3.48	2.31	1.76	
July ...	6.16	1.82	3.74	3.06	1.47	5.25	5.99	6.39	4.19	3.58	
August ...	4.35	3.69	2.20	3.67	.83	5.99	5.29	3.93	.79	4.92	
September ...	1.83	1.83	3.75	4.09	2.30	4.34	2.00	2.89	.77	1.65	
October ...	0.54	2.81	1.65	8.28	2.28	2.30	3.03	2.47	2.20	6.41	
November ...	6.03	2.28	4.51	5.74	1.75	.74	2.70	1.00	7.40	4.22	
December ...	3.37	2.78	3.74	3.73	5.95	3.63	4.50	6.92	5.50	3.04	
TOTALS ...	40.03	27.90	29.09	49.47	27.15	35.05	39.78	39.84	38.20	39.39	
	D	D	D	P	D	D	D	D	D	D	

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference NO 57 223 040

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 - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	2 1919	✓	but d 40	but d 42-44	