

Greenock Shaws W. W.

No 1 = S. end of Embankment of Great Reservoir

John Brown

Repres.

+ Ground bin. + S.L. 600.

8265

Firm of Clyde - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					5.30	5.60			5.60	6.20	
February - -					5.60	4.60			10.90	8.40	
March - - -					5.60	2.90			8.30	1.50	
April - - - -					2.50	.60			4.10	3.00	
May - - - -					1.70	3.50			4.50	.90	
June - - - -					3.00	1.40			3.20	2.20	
July - - - -					2.50	2.50			1.50	4.00	
August - - -					1.50	6.10			6.90	1.20	
September -					3.70	1.90			2.50	12.20	
October - -					5.80	6.90			6.40	3.00	
November -					4.50	4.60			4.60	9.50	
December -					4.60	7.60			9.70	10.70	
TOTALS -					44.30	48.20			68.20	64.80	

1864 Great floods

S. J. Kenton & Co. Glasgow

RAINFALL AT Greenock Shaws N. W. W. 1. Lock Thom

Lat..... Lon..... County of... Renfrew.....

Rain Gauge, by..... Observer J. McArthur Esq.....
Fish & Clyde - 3.

Diameter.....	6					6.5	5	.	.	.	
Height.....	9				1	.	.	.	.	.
Altitude.....	650	643				.	.	.	.	.
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	6.00	4.80	12.00	11.10	8.30	10.40	3.79	9.79	8.02	1.71	7.591
February.....	5.90	8.80	7.60	1.50	2.50	2.60	5.86	6.69	4.77	2.98	4.920
March.....	7.70	5.70	6.40	9.90	6.90	2.40	5.17	4.02	3.37	5.68	4.464
April.....	3.00	5.60	2.20	.50	3.70	2.50	3.64	5.18	4.12	2.68	3.312
May.....	6.70	1.50	4.00	9.80	2.40	5.10	1.06	3.62	5.36	3.18	3.672
June.....	2.50	2.60	8.70	4.00	2.30	4.20	4.97	6.33	3.59	6.89	4.608
July.....	3.10	4.50	4.80	6.80	3.70	2.80	4.07	6.55	1.76	5.81	4.389
August.....	2.00	5.20	5.40	7.70	6.50	4.77	6.98	10.67	4.07	6.69	5.998
September.....	5.00	3.60	12.00	8.60	9.90	5.01	3.86	2.85	7.40	13.37	7.159
October.....	7.50	6.90	6.10	9.90	14.00	8.04	8.17	10.42	8.92	4.37	8.432
November.....	3.00	5.10	10.90	5.10	6.80	4.95	2.97	12.78	2.43	2.78	5.681
December.....	4.40	8.10	8.20	6.90	2.30	4.52	9.81	11.13	2.48	5.46	6.366
TOTALS.....	50.80	62.70	88.30	69.20	69.30	57.29	60.35	90.03	56.29	61.60	66.586

1875 "In August The six inch gauge was removed and one of Casella's five inch long felt protected gauges was put in its place.

RAINFALL AT *Chaw's Wks. Lock Thom*

Lat. _____

Lon. _____

County of *Penfrew*

Rain Gauge, by _____

Observer *J. Wilson, Esq, C.E.*

First of Cycle - 3. No 1

Diameter	5										
Height	1. 0										
Altitude	643										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	5.21	5.39	5.89	8.57	11.34	7.02	7.23	7.07	6.85	4.98	6.805
February	8.16	5.22	7.64	7.48	10.17	6.85	3.68	5.64	2.14	4.44	6.142
March	5.05	6.60	7.00	3.06	4.24	5.59	5.47	2.78	3.68	5.29	4.676
April	6.12	2.21	4.34	4.51	2.88	4.45	3.68	4.33	4.13	3.77	4.042
May	2.64	4.26	3.93	5.11	6.85	3.69	4.20	1.42	6.30	3.97	4.237
June	2.99	7.01	5.90	4.13	1.85	2.42	1.96	1.92	3.08	2.15	3.341
July	3.53	7.61	10.11	4.44	6.96	2.84	4.10	4.54	6.62	3.28	5.403
August	2.62	7.00	4.77	8.29	3.84	4.35	3.74	4.94	4.91	7.68	5.214
September	4.43	4.68	6.00	4.98	5.44	9.43	8.11	7.39	3.10	2.73	5.629
October	7.0	3.59	6.19	8.08	8.48	4.68	5.42	4.34	4.04	6.03	5.155
November	9.51	9.16	8.96	12.21	6.66	3.95	6.04	6.69	7.62	4.21	7.501
December	6.07	8.73	7.54	9.40	10.91	4.47	6.22	5.84	6.85	7.10	7.313
TOTALS	57.03	66.96	81.27	80.26	79.62	59.74	59.85	56.90	59.32	53.63	65.458

RAINFALL AT *Shaws W.W. Loch Thom*

Lat. _____

Lon. _____

County of *Perthshire*

Rain Gauge, by _____

Observer *J. Wilson Esq. C.E.*
R. Gilman Esq. C.E.
D. Macalister Esq. C.E.

Firm of Clyde - 3.

Diameter	5										
Height	10										
Altitude	643 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.51	4.96	5.98	3.05	9.10	1.94	4.05	12.31	6.43	7.53	5.386
February	2.15	2.18	2.81	5.58	11.58	1.15	4.07	4.97	6.26	3.72	4.447
March	6.83	4.79	1.69	2.97	5.26	5.30	7.21	6.83	3.21	3.77	4.986
April	2.04	3.07	1.94	2.45	2.72	4.11	2.61	3.12	4.70	4.85	3.161
May	4.02	2.50	5.94	3.22	3.60	.26	.99	3.07	2.71	3.55	2.986
June	8.15	2.24	5.71	1.70	3.48	2.20	4.91	6.80	3.88	2.32	4.134
July	6.37	2.38	3.20	5.20	3.80	5.12	5.56	2.91	2.19	5.29	4.213
August	4.28	8.19	9.20	4.45	6.08	7.63	2.96	6.89	8.62	2.39	6.064
September....	9.94	8.57	9.98	5.25	.16	2.73	7.05	5.33	7.70	7.26	6.397
October	7.25	5.96	4.63	8.54	4.12	4.39	3.54	3.46	4.99	6.38	5.326
November....	12.92	6.11	7.25	5.76	5.48	6.89	2.22	5.43	7.83	8.40	6.829
December	1.78	9.22	3.73	6.97	5.29	6.77	6.55	8.17	10.32	5.64	6.444
TOTALS	74.24	60.17	62.06	55.24	60.67	48.49	51.72	59.29	68.79	61.10	60.177

1890—

RAINFALL AT

Shaws W.W. Loch Thom

Lat.

Lon.

County of *Perthshire*

Rain Gauge, by

Observer *D Macalister Esq. C.E.*

Firth of Clyde - 3.

Diameter ..	5											
Height	10											
Altitude ..	643											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	9.91	4.30	6.83	7.82	7.96	4.75	7.96	5.28	9.61	8.60	7.302	
February ..	4.29	2.34	2.10	10.24	6.20	5.49	4.80	5.21	5.15	4.33	5.015	
March ....	.54	2.92	5.58	10.38	4.09	6.66	5.75	6.30	7.09	2.98	5.229	
April	4.13	4.77	3.06	1.98	7.60	5.01	2.15	4.92	2.55	6.18	4.235	
May	4.91	2.08	3.25	3.87	4.10	3.01	7.61	7.56	3.68	4.51	4.458	
June	4.11	3.99	1.90	2.93	3.44	1.75	2.03	6.11	4.32	3.42	3.400	
July	4.79	3.28	5.09	5.51	3.59	4.61	4.76	3.13	6.14	6.57	4.747	
August	5.91	7.03	4.52	9.02	6.46	6.43	5.68	8.17	5.72	4.48	6.342	
September ..	5.91	5.98	5.29	5.25	7.04	3.66	4.16	2.37	11.96	2.94	5.456	
October	9.03	6.59	3.92	11.84	4.34	5.16	9.42	8.07	1.86	11.27	7.150	
November ..	7.30	6.99	5.87	5.44	5.06	7.62	7.10	6.40	6.31	4.92	6.301	
December ..	10.81	6.49	6.68	7.48	5.91	6.19	6.40	9.60	9.06	9.62	7.824	
TOTALS ..	71.64	56.76	54.09	81.76	65.79	60.34	67.82	73.12	73.45	69.82	67.459	

RAINFALL at Shaws W.N., Loch ThomCounty of Perthshire Observer D. Macalister Esq. B.S.River Basin Firth of Clyde left bank trib. 3. (1918) James Macalister Esq.

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	643 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUMS Means 1916-19
January ...	8.04	7.59	7.30	6.49	5.89	5.70	10.22	3.52	6.66	5.80	26.26
February ...	10.30	10.46	6.70	4.46	8.49	11.60	7.03	1.67	10.38	2.17	21.25
March	3.72	2.52	8.72	7.97	7.58	4.47	2.30	3.44	3.07	4.32	13.13
April	6.47	5.23	3.86	6.07	4.92	4.85	5.37	2.09	1.52	3.54	12.52
May	3.75	5.38	3.51	5.53	2.90	1.26	6.56	4.97	4.17	1.13	16.83
June	2.54	3.94	7.02	5.24	1.80	2.26	2.76	4.30	2.47	6.52	16.05
July	5.98	4.75	3.33	1.90	2.19	5.28	3.38	3.26	4.92	1.47	13.03
August	10.39	6.21	8.12	2.23	6.00	3.66	4.52	5.00	5.18	4.39	19.09
September ..	2.88	3.49	4.20	2.22	4.19	2.03	2.77	5.29	7.41	6.54	22.01
October ...	4.73	5.25	9.26	4.75	3.29	4.00	10.20	12.63	11.32	1.64	35.79
November ..	4.90	7.45	6.69	8.41	8.32	3.25	8.74	14.55	9.26	5.60	38.15
December ...	9.28	11.66	13.87	5.84	9.90	7.96	8.39	4.76	8.44	11.58	33.17
TOTALS ...	72.98	73.93	82.58	62.21	65.47	56.42	72.24	65.48	74.80	54.76	267.28

D

D

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912			Upper Greenock					
1919	55° 54' 52"	4° 47' 25"						

RAINFALL at Shaws N.W. Loch ThomCounty of PemphreObserver J. Macalester Esq. C.E.River Basin Grith of Clyde 3.M.O. Rain Gauge, by _____

Diameter ...	5"												
Height	1 0												
Altitude ...	643												
Year	1920	1921	1922	1923	1924	1925	1926	1927	* 1928	1929	¹⁹³⁰ M.H.A.N.S.	SURFS	
January ...	9.13	13.50	7.51	10.20	4.47	6.57	11.66	9.26	14.13	3.21	10.73	10337	
February ...	9.70	3.05	8.00	7.75	1.89	4.94	7.98	4.99	6.01	2.96	1.67	5794	
March	7.38	11.94	3.14	3.38	1.49	3.01	6.99	5.77	6.47	1.56	6.30	5643	
April	3.27	2.59	4.40	5.57	4.12	7.92	3.09	4.89	3.48	1.65	2.48	4346	
May	9.26	4.34	6.38	3.23	5.80	9.33	3.67	4.29	2.13	5.95	3.29	5777	
June	3.06	.99	3.82	2.17	4.07	2.42	4.50	5.12	7.59	4.11	3.90	4145	
July	5.71	5.79	4.19	6.43	5.34	2.18	3.61	6.63	5.47	6.82	4.17	5634	
August	6.82	7.83	4.29	8.36	5.38	5.43	6.71	8.08	5.86	8.04	7.85	7465	
September...	4.97	3.60	5.03	13.05	8.68	4.51	5.50	10.79	5.28	2.70	6.44	6955	
October	4.36	7.06	4.21	10.51	4.45	7.03	9.60	8.27	11.72	9.16	11.54	8793	
November...	8.13	4.14	4.21	6.26	6.05	1.77	9.67	10.14	10.24	10.86	9.08	7052	
December...	6.40	12.54	6.56	6.44	10.18	4.52	4.59	1.99	7.47	16.25	7.07	8401	
TOTALS...	78.21	77.37	61.44	83.35	64.92	59.63	77.57	80.22	86.85	73.27	71.59	813.92	
	D	D	D	D	D	D	D	D	D	D	D	D	

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	53° 54' 52"	4° 47' 25"	Greenock					

RAINFALL at Shaws W.W. (Lock Thom)County of Perthshire Observer J. Macdonald, C.E.River Basin 3- Firth of ClydeType of Gauge StandardAnnual Average 65.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S & N.

Diameter	5										
Height	1.0										
Altitude	643										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	50 yrs Means
January	8.00	12.39	8.81	11.50	8.94	7.60	11.00	11.47	5.23	4.36	84.10
February	6.56	10.3	7.25	1.51	10.61	4.76	7.41	5.06	9.31	2.81	55.31
March	1.83	2.60	5.40	3.89	2.92	4.98	1.90	2.24	4.41	5.02	41.29
April	2.83	6.30	4.53	5.49	4.59	2.12	3.65	1.14	4.04	3.21	37.90
May	5.74	3.12	4.73	5.17	.97	3.20	2.27	4.85	1.91	.77	32.73
June	7.99	2.34	3.39	4.23	4.51	2.46	4.65	2.48	2.48	1.14	41.67
July	5.59	4.56	5.34	3.78	2.65	2.32	5.32	5.84	6.36	2.98	51.74
August	2.66	4.13	4.84	6.80	2.45	4.12	4.29	3.77	2.56	2.67	39.29
September	2.24	6.49	.99	8.05	9.59	4.61	5.56	6.16	3.17	3.95	50.80
October	7.20	9.18	3.69	11.61	14.40	20.04	3.67	13.05	4.71	8.33	83.88
November	9.78	7.05	4.51	4.29	7.08	6.07	2.14	14.22	10.45	9.70	75.29
December	8.29	13.65	2.59	12.28	5.74	11.25	4.96	7.56	2.46	8.97	77.75
TOTALS	65.71	71.84	56.07	78.60	71.44	67.53	56.82	89.94	56.89	53.91	67.75

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
			<u>Greenock.</u>					

RAINFALL at Shaws W.W. (Loch Thom) Station No. 5311 41
 County of Renfrew Observer J Mac Alister, C.E.
 River Basin 3-Firth of Clyde
 Type of Gauge Standard

Annual Average 65.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B of N.

File No.

Diameter	5"				649	661						
Height	1'0"					1						
Altitude	643					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SVHS Means	
January	1.39	10.95	8.37	9.22	4.98	11.11	8.29	10.15	10.15	5.74	80.35	
February	6.58	2.54	7.28	2.81	9.98	4.22	(1.90)	7.97	8.46	7.59	59.33	
March	3.37	5.68	3.96	1.62	4.87	3.61	(5.17)	7.95	3.59	4.63	24.45	
April	3.52	3.56	5.22	4.58	2.61	3.38	9.55	4.46	10.03	4.67	51.58	
May	2.76	4.16	4.15	6.06	5.80	1.66	5.51	2.29	3.01	2.16	37.56	
June	1.97	3.15	4.89	6.11	4.82	4.57	4.63	6.57	1.74	3.04	41.49	
July	4.08	5.13	2.91	5.57	5.58	4.61	5.86	7.12	3.34	6.52	50.72	
August	6.62	7.15	10.08	4.73	3.16	3.80	.03	9.25	6.12	8.00	58.94	
September	2.18	8.33	6.01	6.99	7.26	8.06	7.13	10.24	3.50	11.62	71.32	
October	7.56	9.98	13.60	7.84	8.63	.56	4.16	12.19	9.03	8.10	81.65	
November	7.38	1.44	4.39	9.50	0.91	8.21	10.11	6.41	8.02	5.35	61.72	
December	4.69	11.49	4.14	8.01	6.78	9.10	4.21	9.67	12.69	2.18	72.96	
TOTALS	52.10 D	73.56 B	75.00 D	73.04 D	65.38 D	62.89 D	66.55 D	94.27 D	79.68 D	69.60 D	712.07	

1947 Feb + Mar. adj. for snow. Mo. 36.

20004

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			Greenock					

BRITISH RAINFALL ORGANIZATION

51

1958 trap H. shomvi 1/6 of road but with him at 300. He roared at 1/4 road & sang out.
late 700 ft from last trap on spurments of road getting E. from W. side of road. Overcasted from W to E. 930
Oct 1958 1000 Rec. with 1/2 car out.
April 1958 see carried out.

2. Surf was the same 7/55

National Grid Reference 264756726

1916-1950. P-accepted

(62) Wt. 13072-389 10M 6/50 T.S. 841