

RAINFALL AT *Greenock Shaw N.W. Hole G. Len No 5*

Lat.....

Lon.....

County of.....

Reservoir

Rain Gauge, by.....

Observer.....

*J. Wilson**Rith. of Clyde - 3*

Diameter.....			6									
Height.....			0.9	1.								
Altitude.....			6037									
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....			11.22	11.35	8.33	8.84	6.05	11.35	7.33	1.49		
February.....			7.09	1.30	1.95	2.52	6.98	7.26	3.99	3.14		
March.....			5.46	5.58	2.75	5.91	2.28	6.37	4.38	2.98	6.81	
April.....			5.47	1.73	.44	3.59	2.56	2.98	4.63	3.55	2.43	
May.....			1.43	3.68	5.98	2.91	4.63	83	3.95	3.64	3.37	
June.....			2.53	8.32	3.43	2.01	3.78	5.14	5.16	3.62	6.13	
July.....			4.31	5.21	6.69	3.06	2.81	3.86	5.35	1.58	5.73	
August.....			4.92	5.70	7.18	5.80	5.49	6.46	8.70	3.77	6.44	
September.....			3.08	10.53	7.77	8.60	5.48	3.85	3.01	7.55	12.48	
October.....			6.92	6.43	9.14	13.20	8.59	7.59	10.41	9.24	3.77	
November.....			5.22	10.43	4.82	5.47	6.23	2.40	11.78	2.38	2.53	
December.....			8.75	8.33	5.88	1.74	7.93	8.31	10.39	2.27	5.07	
TOTALS.....	44.60	60.39	84.25	64.73	62.57	61.14	60.82	86.37	51.90	59.39	63.61	

C

Jan 1870 - Feb 1871 = Shango Burn

RAINFALL AT Glenock Hole Glen

Lat. _____

Lon. _____

County of Perth

Rain Gauge, by _____

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

Form 8, Class - 3.

Diameter	5										
Height	1.0										
Altitude	603 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	5.22	5.2	7.92	7.92	10.90	6.36	6.21	5.29	5.33	5.72	6.139
February	7.11	4.98	5.64	7.48	7.55	7.20	2.82	4.88	1.49	4.36	5.451
March	4.43	6.11	6.84	2.62	4.50	5.16	4.87	2.27	3.44	3.57	4.381
April	5.36	2.46	3.13	3.89	2.40	3.82	3.39	3.33	3.30	4.27	3.535
May	2.37	3.78	4.08	4.19	5.59	3.65	4.20	1.13	4.90	3.42	3.731
June	2.90	6.18	5.24	3.94	1.60	2.29	1.78	1.28	3.71	1.84	3.076
July	3.79	7.29	7.32	3.36	7.26	3.76	4.31	4.36	6.02	2.86	5.033
August	2.94	6.75	4.33	7.26	4.07	3.81	4.09	4.00	3.40	7.76	4.841
September	4.76	4.38	5.09	4.49	5.85	9.41	9.20	6.03	2.33	2.73	5.427
October69	3.49	5.39	8.01	9.64	5.17	5.13	3.87	2.87	5.57	4.983
November	9.18	8.19	8.76	11.14	6.86	12.86	6.15	4.70	6.51	4.31	7.066
December	6.38	7.98	8.29	8.60	11.88	4.72	5.08	4.98	5.70	6.14	6.975
TOTALS	55.13	62.11	73.03	72.90	78.10	60.21	67.23	46.12	49.00	52.55	60.638

RAINFALL AT *Shaws W.W. Hole Glen*

Lat. _____

Lon. _____

County of *Renfrew*

Rain Gauge, by _____

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

Firth of Clyde - 3.

Diameter	5										
Height	1 0										
Altitude	603										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.00	4.83	6.92	2.78	9.23	1.64	5.11	2.00	6.47	9.15	5.613
February	1.67	2.29	2.57	5.70	12.85	.59	4.02	4.83	6.29	4.41	4.522
March	5.62	4.24	1.47	2.92	5.45	5.33	8.05	6.86	2.87	5.04	4.785
April	2.18	3.00	1.93	2.38	2.38	4.13	2.61	3.52	5.02	4.81	3.196
May	3.36	2.70	5.97	3.63	3.98	.23	.84	3.51	2.48	4.37	3.107
June	7.06	1.88	5.19	1.87	3.56	2.63	5.10	7.77	3.53	2.33	4.093
July	5.39	2.06	2.93	5.78	3.61	5.95	5.86	3.46	2.10	4.64	4.178
August	4.12	7.15	9.15	5.63	5.68	9.07	3.32	7.24	7.99	2.30	6.165
September	8.39	8.54	9.62	5.07	.22	3.24	5.83	5.95	7.40	6.56	6.083
October	5.19	6.53	4.03	8.93	4.78	4.64	3.38	4.03	4.89	5.01	5.141
November	12.13	6.45	6.68	5.29	6.79	9.22	2.25	4.75	7.68	6.31	6.755
December	1.51	10.80	3.63	8.16	6.87	8.07	8.77	7.89	11.38	5.08	7.216
TOTALS	64.62	60.47	60.09	58.14	65.40	54.74	55.14	61.81	68.10	60.01	60.853

1880

RAINFALL AT

Shaws W. H. Hole Glen

Lat.

Lon.

County of *Renfrew*

Rain Gauge, by

Observer *D. Macalister Esq. CL.*

Firth of Clyde - 3.

Diameter ..	5										
Height	10										
Altitude ..	603										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	8.07	3.59	6.90	10.28	6.33	4.51	7.88	4.64	7.49	7.86	6.755
February ..	3.96	2.05	1.98	10.00	5.86	5.27	6.15	4.38	3.77	3.72	4.614
March51	3.11	5.01	10.53	3.29	6.41	5.46	5.63	5.97	2.17	4.809
April	3.75	4.53	2.74	2.26	7.12	4.79	2.02	3.94	1.81	5.33	3.829
May	4.57	1.91	2.81	3.91	3.58	3.25	6.47	6.16	2.81	4.12	3.959
June	3.91	4.29	1.90	2.92	2.95	1.32	2.00	5.37	3.34	3.53	3.156
July	4.07	2.26	4.75	5.81	3.60	4.49	4.10	2.83	4.86	5.42	4.219
August	5.60	7.22	3.95	10.41	6.57	6.89	4.83	7.31	4.81	4.17	6.176
September ..	5.42	5.40	5.30	5.43	6.43	3.19	3.48	2.15	8.65	2.63	4.808
October	8.31	6.61	3.73	11.82	3.57	4.91	8.72	6.41	1.56	9.76	6.540
November ..	7.07	6.33	6.19	4.80	3.98	6.81	6.83	5.22	4.66	4.18	5.607
December ..	9.94	5.57	8.21	6.42	6.13	5.46	5.71	8.06	8.27	8.91	7.268
TOTALS ..	65.18	52.87	53.47	84.59	59.41	57.30	62.68	62.10	58.00	61.80	61.740

MS

RAINFALL at Chauv. W.H., Hole GlenCounty of Renfrew Observer D. Macalister Esq. B.E.River Basin Firth of Clyde - Leithbank Station 3. (1918) James Macalister Esq.

Rain Gauge, by _____

Diameter ...	5										
Height	1 0										
Altitude ...	603										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUMS Means. 1916-19
January ...	7.37	6.24	5.41	6.12	5.75	5.98	10.78	3.45	8.34	5.22	27.79
February ...	8.70	9.79	6.18	4.82	6.72	9.91	7.53	1.79	11.15	1.57	22.34
March	3.38	2.14	7.05	7.49	6.86	4.50	2.94	3.35	3.11	5.09	14.49
April	5.42	4.93	3.54	5.66	4.16	4.96	5.21	2.04	1.22	3.86	11.73
May	3.30	4.41	3.74	5.07	2.72	1.24	5.48	4.47	4.35	1.29	15.59
June	3.34	4.49	6.80	5.12	1.54	2.11	2.17	4.09	2.40	6.96	15.62
July	4.71	4.07	3.04	2.06	2.08	4.96	3.32	3.01	4.82	1.96	13.11
August	9.70	5.61	6.49	1.97	6.19	3.78	4.51	5.00	4.74	4.24	18.49
September ..	2.28	2.83	3.00	2.59	3.98	1.91	2.47	5.23	7.77	6.44	21.93
October ...	4.54	4.91	8.16	3.76	3.32	3.39	9.54	12.99	10.59	1.18	34.30
November ..	4.38	8.16	6.32	7.55	8.54	3.06	7.78	14.04	9.78	4.98	36.58
December ...	7.47	10.06	15.15	5.45	9.61	6.87	6.55	4.09	8.38	10.18	29.20
TOTALS ...	64.59	67.64	74.88	57.67	61.47	52.67	68.28	63.55	76.65	52.69	261.17

D

D

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912			Upper Gannock					
1919	55° 55' 56"	4° 47' 15"						

RAINFALL at Shaws R.R. Hole GlenCounty of PemphreObserver J. Macalister Esq. B.C.River Basin Firth of Clyde 3.Snowdon Rain Gauge, by _____

Diameter ...	5											
Height	1 0											
Altitude ...	603											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	SUMS
January ...	9.12	12.48	(7.22)	9.07	7.61	5.83	10.68	9.31	13.46	8.03	11.96	99.77
February ...	10.76	2.56	7.41	7.70	1.50	5.01	7.63	4.60	5.73	3.34	7.0	56.94
March	7.12	10.73	3.20	3.31	1.66	3.42	6.49	5.44	6.69	1.67	6.69	55.32
April	2.65	2.35	4.34	5.11	3.81	7.23	3.20	4.60	3.45	1.55	2.97	61.26
May	7.39	4.23	6.03	3.17	5.70	9.47	3.56	4.68	2.23	5.39	4.18	56.03
June	2.73	9.2	3.39	1.85	3.95	1.90	4.12	5.41	7.82	4.37	5.02	41.48
July	4.84	5.84	4.35	6.04	4.86	2.16	3.80	5.68	5.31	6.47	6.83	55.18
August	7.23	7.53	4.07	8.19	4.96	4.88	5.77	8.13	5.87	10.11	8.29	75.03
September...	4.48	3.69	4.63	12.78	8.23	4.37	5.48	9.91	5.70	3.25	6.13	67.65
October	4.26	7.10	3.80	10.10	4.54	6.63	9.62	8.69	11.23	10.21	10.97	87.15
November...	7.37	4.29	4.51	6.09	5.61	1.85	9.19	8.94	10.03	12.05	9.43	79.36
December...	6.57	12.37	7.37	6.37	11.36	4.32	4.44	2.03	7.70	18.85	6.79	88.17
TOTALS...	74.52	74.09	60.32	79.78	63.79	57.07	73.98	77.42	85.22	80.19	76.96	803.34

1922 Jan. corrected for snow.

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	55° 58' 56"	4° 47' 15"	Greenock					

RAINFALL at Shaw W.W. (Hole Glen)County of RenfrewObserver J. Mac Alister, C.E.River Basin 3-Firth of ClydeType of Gauge SnowdonAnnual Average 61.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref Summarycomputed as 136.

Diameter	5										
Height	1.0										
Altitude	603										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Syn. Mean
January	7.74	11.06	8.66	11.09	3.95	6.39	9.72	9.87	4.54	4.10	77.32
February	6.45	01	6.18	1.24	9.25	3.99	6.20	4.72	8.58	2.77	49.39
March	2.16	2.70	4.37	3.52	2.46	4.44	1.81	8.02	4.10	5.23	38.81
April	2.88	5.65	3.96	4.07	4.33	1.96	3.37	1.30	3.71	3.60	34.83
May	6.50	2.82	3.84	4.57	.66	3.19	2.12	4.31	1.62	.87	30.70
June	7.98	1.95	3.17	3.85	3.92	2.46	3.87	8.07	2.15	1.31	38.73
July	5.30	3.92	4.54	3.87	3.39	9.39	5.23	5.24	5.96	3.27	50.11
August	2.87	3.97	4.18	6.52	3.26	4.47	4.26	3.46	2.22	3.34	38.55
September	2.10	6.22	.83	7.04	9.07	4.49	4.99	5.64	3.40	5.28	49.06
October	7.50	8.17	3.51	10.23	13.27	7.92	3.57	12.06	3.73	7.84	77.90
November	12.86	6.99	3.76	2.62	6.39	5.30	2.12	12.47	10.43	9.13	73.07
December	10.30	12.87	1.96	10.40	4.42	10.48	4.13	7.15	2.88	8.26	72.85
TOTALS	74.64	66.33	48.96	70.12	64.37	64.68	51.39	82.51	53.32	55.00	631.32
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

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			Greenock.					

RAINFALL at Shaws W.W. (Hole Glen)

41

County of RenfrewObserver J. MacAlister, C.E.River Basin 3 - Firth of ClydeType of Gauge SnoddonAnnual Average 61.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Survey

File No.

Diameter	5"				649	827					
Height	1' 0"					1					
Altitude	603'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	5 yrs Means
January	1.10	10.82	8.39	11.09	4.77	11.77	(8.32)	10.89	10.98	5.98	84.11
February	5.95	2.43	9.05	3.22	10.98	4.38	(1.92)	8.67	8.59	8.18	63.37
March	3.02	5.53	4.83	1.72	5.76	3.68	(4.94)	8.60	3.52	4.81	116.41
April	2.83	3.18	6.38	4.77	2.47	3.45	9.96	4.45	10.13	4.79	52.41
May	2.44	3.96	4.14	6.86	6.02	1.77	5.47	2.09	3.12	2.04	37.91
June	1.63	3.25	5.04	6.45	4.88	4.73	4.61	6.78	1.75	2.93	42.05
July	3.83	5.74	3.53	5.69	5.45	4.95	5.44	7.27	3.72	6.67	52.29
August	5.79	7.01	10.46	5.10	2.97	3.77	0.03	9.34	6.21	8.72	59.40
September	2.05	9.00	6.50	6.98	7.49	8.98	7.31	10.57	3.51	12.20	74.59
October	7.25	11.77	15.15	8.01	8.83	0.60	4.32	12.72	9.18	8.29	86.12
November	6.93	1.77	5.06	10.51	1.06	8.18	11.30	6.56	8.23	5.69	65.29
December	4.86	12.50	4.80	8.76	6.58	9.90	4.16	10.15	12.81	2.45	76.97
TOTALS	47.68	46.96	83.83	79.16	67.26	66.16	67.78	98.09	81.75	72.75	740.92

1947. Jan - Mar. adj. for snow

70004

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

RAINFALL at GREENOCK W.L. Station No. 5315
Shaw Hill (Hole Glen) 51
 County of Renfrew Observer J. Mac Atister Esq. C.E.
 River Basin Firth of Clyde - 3 Corporation
 Type of Gauge Snowdon Water Engineer
2 ft. 6 in. and 10 ft. 6 in.

Annual Average 41.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S
69.62 " " " " 1916-1950 1916-1950 P
 File No.

Diameter ...	5"					6.49	8.27				
Height ...	1'0"			7"			1				
Altitude ...	603'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	7.48	8.95	5.35	8.86	5.49	4.75	9.63	8.10	2.34	5.24	
February ...	4.56	3.47	4.23	7.47	4.23	2.27	4.55	4.43	2.91	6.93	
March ...	5.18	5.55	2.30	4.93	2.61	3.91	7.30	1.89	4.37	4.04	
April ...	4.46	3.43	2.98	3.74	4.61	2.48	3.44	2.62	5.17	7.58	
May ...	2.29	2.30	3.70	4.32	4.99	4.48	2.80	5.08	1.60	3.45	
June ...	2.64	5.36	1.47	5.35	4.08	3.62	2.84	4.45	4.18	3.79	
July ...	4.20	3.87	7.47	4.56	1.18	5.72	6.37	7.53	7.72	6.36	
August ...	5.30	6.46	6.57	6.56	1.39	6.88	5.07	5.75	2.08	4.50	
September ...	5.92	5.24	9.13	10.10	6.54	5.52	4.32	5.82	1.97	4.41	
October ...	2.24	7.72	6.04	12.15	6.36	3.94	6.85	6.54	7.76	4.49	
November ...	9.70	2.64	13.03	10.58	3.62	3.13	2.81	2.92	4.41	9.77	
December ...	12.73	8.22	7.59	10.81	10.66	10.10	8.20	8.28	10.93	7.54	
TOTALS ...	66.70	63.21	69.86	89.43	65.88	56.00	64.18	63.41	58.44	68.10	
	D	D	D	D	D	D	D	D	D	D	

1885. Map R. Thomson 1/16. Ground level with rain at 7" above rest at 1 ft. Site is morland lower ground in S.E. rd. falls away slightly to N. but there is ample protection for shelter, bucket and the water runs into the
 Oct 1952. Rec. not yet carried out.
 Apr 1958 Rec. carried out.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 26/25.5746

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
	✓ 12.14 - 1st D16-17	✓ ✓	✓ ✓	✓ ✓	