

RAINFALL AT *Shaw's W. W. W. New Getto Dam*

Lat. ....

Lon. ....

County of

*Reufrew*

Rain Gauge, by

Observer

*J. Wilson Esq. C.S.**Firm of Clyde - 3.*

Diameter . . .								5			
Height . . . .								1.0			
Altitude . . .								800			
Year . . . . .	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . . .							5.73	5.72	5.65	5.07	
February . . . .							2.61	5.16	1.78	3.88	
March . . . . .							4.79	2.39	4.69	2.58	
April . . . . .							3.48	3.56	3.59	4.31	
May . . . . .							4.59	1.18	6.18	3.43	
June . . . . .							1.91	1.85	4.10	1.91	
July . . . . .							4.09	4.42	7.05	2.89	
August . . . . .							4.22	3.92	4.11	7.55	
September . . .							9.02	6.11	2.85	2.71	
October . . . .							5.48	3.65	3.57	5.62	
November . . . .							6.03	4.92	9.85	4.19	
December . . . .							5.29	5.59	7.51	5.98	
TOTALS . . . .							57.24	48.47	60.93	50.12	

# RAINFALL AT

*Shaws W.W. New Yette Dam*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

*Renfrew*

Rain Gauge, by \_\_\_\_\_

Observer \_\_\_\_\_

*J. Wilson Esq. C.E.*

*R. Gilman Esq. C.E.*

*D. Macalister Esq. C.E.*

*7th of July - 3.*

Diameter ....	5										
Height .....	1 0										
Altitude ....	803										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.68	4.31	6.18	2.80	9.18	1.59	4.59	2.18	6.45	9.80	5.376
February ....	1.82	2.05	2.51	5.60	11.91	.59	4.03	5.26	5.53	4.81	4.411
March .....	5.61	4.28	1.48	2.77	5.17	5.45	7.77	7.22	2.63	5.06	4.744
April .....	2.11	2.89	1.87	2.51	2.86	4.11	2.74	4.02	5.19	5.14	3.344
May .....	3.43	2.53	6.28	3.36	4.04	.23	.95	3.64	2.55	4.86	3.187
June .....	6.67	2.00	5.33	1.96	3.62	2.48	5.14	8.11	3.66	2.58	4.155
July .....	4.88	2.31	2.78	6.01	3.51	6.15	6.26	3.55	2.02	4.79	4.226
August .....	3.94	7.34	9.56	5.11	5.73	9.06	3.70	7.55	8.17	2.35	6.251
September....	7.66	8.75	9.39	4.95	.25	3.20	6.95	5.82	8.33	6.07	6.187
October .....	5.43	6.57	4.16	9.10	4.58	4.70	4.11	4.26	4.99	5.86	5.376
November....	11.19	6.35	6.62	5.75	7.01	9.23	2.67	5.02	7.24	8.00	6.908
December ....	1.52	10.30	3.51	7.65	6.98	7.69	9.68	8.32	11.63	5.89	7.317
TOTALS ....	60.94	59.68	59.67	57.57	64.84	54.48	58.59	64.95	68.39	65.21	61.432

# RAINFALL AT Shaws W.D. New Yette Dam

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Renfrew

Rain Gauge, by \_\_\_\_\_ Observer D. Macalister Esq. Cl.

7th of July - 3.

Diameter ..	5											
Height ....	10											
Altitude ..	800											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	9.80	4.42	6.50	11.50	7.91	4.68	9.04	4.66	8.70	8.14	7.535	
February ..	4.70	2.46	2.55	11.18	6.89	5.79	5.11	4.48	4.32	4.21	5.169	
March ....	.40	3.59	5.76	12.32	3.69	6.96	5.59	5.96	6.28	2.47	5.302	
April .....	4.13	5.32	2.91	2.35	8.06	5.35	1.97	4.51	2.13	5.66	4.239	
May .....	5.90	2.26	3.34	4.16	3.65	3.39	7.00	7.29	3.34	4.15	4.448	
June .....	4.30	4.30	2.04	3.37	3.42	1.59	2.00	5.70	3.80	3.58	3.410	
July .....	4.59	2.69	5.27	6.21	3.80	4.50	4.30	3.05	5.47	5.56	4.544	
August ....	6.16	7.67	4.61	11.10	6.81	7.28	5.09	7.94	5.41	4.24	6.631	
September ..	6.85	6.53	5.98	6.05	7.75	3.55	3.39	2.36	9.69	2.95	5.510	
October ....	9.83	7.08	4.09	13.24	4.81	5.72	9.02	7.24	1.77	10.31	7.311	
November ..	8.24	6.29	7.12	5.37	4.52	7.57	7.12	5.69	5.15	4.37	6.144	
December ..	12.08	6.88	8.83	7.31	6.89	5.95	5.80	10.13	8.61	9.26	8.174	
TOTALS ..	76.98	59.49	59.00	94.16	68.20	62.33	65.48	69.01	64.67	64.90	68.417	

Mac



RAINFALL at Shaws W.W. New Yelts Dam.County of Renfrew Observer D. Macalister Esq. C.E.River Basin Firth of Clyde & Black Loch 3. (1918) James Macalister Esq.

Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	10										
Altitude ...	800										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	5 Years Means 1916-19
January ...	8.25	7.00	6.49	6.57	5.93	5.74	9.64	3.50	7.85	5.30	26.29
February ...	9.10	9.87	6.83	4.99	7.87	10.59	7.45	1.74	9.44	2.33	20.96
March .....	3.64	2.04	7.91	7.78	7.73	4.44	2.91	3.20	3.01	4.74	13.86
April .....	5.87	5.12	3.47	6.23	4.63	4.66	5.36	2.07	1.24	3.45	12.12
May .....	3.56	5.01	3.56	5.63	2.92	1.24	5.83	4.99	4.47	1.36	16.65
June .....	3.00	4.48	7.04	5.38	1.57	2.24	2.35	4.24	2.36	6.20	15.15
July .....	5.09	4.52	3.22	2.23	2.16	4.90	3.57	3.19	4.85	1.78	13.39
August .....	10.33	5.54	7.79	2.12	5.99	3.42	4.61	5.08	5.15	4.15	13.99
September ..	2.57	3.24	3.46	3.01	3.59	2.23	2.61	4.81	7.34	5.72	20.08
October ...	3.71	5.07	8.54	4.28	3.50	3.82	9.71	11.54	9.68	1.22	32.15
November ..	4.70	7.21	6.37	7.70	8.02	3.33	8.06	11.87	9.24	5.04	34.21
December ...	8.56	11.85	14.86	5.89	10.17	7.29	6.53	3.55	7.62	10.37	28.07
TOTALS ...	68.38	70.95	79.54	61.81	64.08	53.90	68.63	59.78	72.25	51.66	252.32

D

D

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912			Upper Greenock					
1919.	55° 55' 33"	4° 46' 42"						

RAINFALL at Shaws W. W., New Yett's DamCounty of RenfrewObserver J. Macalister Esq C.E.River Basin Firth of Clyde 3.Snowdon Rain Gauge, by

Diameter ...	5											
Height .....	1	0										
Altitude ...	800											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	SUMS
January ...	8.18	12.23	(7.15)	8.64	4.19	5.68	10.62	7.73	12.60	294	981	9277
February ...	10.06	2.62	7.43	7.36	1.58	5.13	7.32	4.07	5.56	283	.68	5454
March .....	6.81	10.61	3.01	3.30	1.64	3.64	6.25	5.27	6.51	1.39	4.54	53.17
April .....	3.06	2.15	4.56	5.11	3.82	6.63	2.79	4.57	3.38	1.58	2.61	40.26
May .....	7.44	4.25	5.66	2.86	5.88	8.90	3.57	4.38	2.11	5.30	2.95	53.28
June .....	2.78	.92	3.30	1.76	3.49	1.72	4.19	5.19	7.55	3.58	3.90	38.68
July .....	4.97	5.62	4.11	5.51	4.56	2.03	3.66	5.71	4.84	6.47	4.62	52.10
August .....	7.17	7.44	3.99	7.45	4.73	4.70	5.74	7.91	5.55	8.66	7.33	70.67
September...	4.53	3.89	4.45	11.60	8.13	4.19	5.14	9.53	5.23	2.42	5.06	64.22
October .....	4.28	6.61	3.64	10.10	4.36	6.37	9.00	8.15	10.89	8.46	10.82	82.68
November...	7.23	4.14	4.44	5.86	5.70	1.81	8.36	7.92	9.60	10.73	9.12	74.91
December...	6.60	11.55	6.68	6.32	10.08	4.31	4.12	1.96	6.84	15.98	6.39	80.83
TOTALS...	73.11	72.03	58.42	73.87	61.16	55.11	70.76	72.59	80.71	70.64	67.71	758.11

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	56° 53' 33"	4° 46' 42"	Greenock					

RAINFALL at Shaw. W.W. (New Year's Dam)County of RenfrewObserver J. MacAlister, C.E.River Basin 3 - Fish & ClydeType of Gauge SnowdonAnnual Average 632 in. based on 47 years obs. un-weighted. Period of average 1881-1915 Ref. Survey  
computed XI/36

Diameter	5										
Height	10										
Altitude	800										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.69	10.72	5.00	10.48	3.65	7.84	10.43	10.61	5.88	4.41	79.51
February	5.59	01	6.15	1.17	8.79	4.19	6.91	4.83	9.32	3.28	50.24
March	1.79	2.65	4.73	3.39	2.36	4.76	2.23	7.60	4.56	6.02	40.09
April	2.65	5.72	4.00	4.44	4.49	1.93	3.71	1.10	4.11	4.23	36.38
May	6.08	2.95	4.36	4.60	70	3.26	2.31	4.60	1.73	98	31.57
June	7.50	2.28	3.06	3.94	4.31	2.31	4.07	7.95	2.34	1.46	37.22
July	5.34	3.96	4.94	3.83	3.35	8.74	4.86	5.42	6.69	4.07	51.20
August	2.76	3.79	4.08	6.36	3.17	3.67	4.13	3.21	2.41	3.81	37.39
September	2.28	5.80	88	7.26	9.23	4.76	4.88	5.68	3.43	5.45	47.65
October	6.67	7.94	3.52	10.77	13.23	7.94	3.73	12.48	6.05	8.63	79.96
November	9.51	6.52	4.03	3.58	6.39	5.63	2.10	13.37	12.42	10.00	73.55
December	7.64	12.26	1.99	11.10	4.91	11.08	4.24	7.18	3.63	8.58	72.61
TOTALS	65.50	64.60	49.74	70.92	64.58	66.11	53.90	84.03	61.07	60.92	641.37

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	Parish Church.	Distance from gauge	Direction
1931.			Greenock					



RAINFALL at Shaw W.W. (New Yett's Dam) Station No. 5313 41  
 County of Renfrew Observer T. MacAulder <sup>ESQ</sup> C.E.  
 River Basin 3 - Firth of Clyde  
 Type of Gauge Standard

Annual Average 63.2 in. based on 47 years obs. un-weighted. Period of average 1881 - 1915 Ref. Survey

File No. ....

Diameter	5"				649	842						
Height	1'0"					1						
Altitude	800'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	5 yrs
January	1.24	10.88	7.87	8.73	4.77	10.89	(8.12)	10.70	10.01	5.00	78.21	
February	6.56	2.47	7.84	2.39	9.99	3.93	(1.84)	8.05	8.05	7.72	58.84	
March	3.32	5.87	4.07	1.61	5.22	3.58	(4.78)	8.08	3.26	4.75	44.54	
April	3.27	3.59	5.08	4.35	2.47	3.06	9.17	4.17	9.88	4.40	49.44	
May	2.66	3.89	3.89	5.93	5.97	1.73	5.68	2.30	2.93	2.07	37.05	
June	1.74	3.12	4.66	5.69	4.76	4.57	4.43	6.68	1.68	2.76	40.09	
July	4.11	5.38	3.27	5.78	5.32	4.58	5.48	6.99	3.64	6.99	51.54	
August	6.17	6.64	10.09	4.69	3.05	3.43	0.03	9.36	6.17	8.57	58.20	
September	2.17	8.03	5.95	6.74	7.12	8.26	7.46	10.07	3.37	11.80	70.97	
October	7.69	10.28	13.87	7.54	8.44	0.62	4.36	12.19	8.78	7.62	81.39	
November	7.52	1.58	4.32	9.19	.99	7.46	10.33	6.28	7.87	5.27	60.91	
December	4.26	12.01	4.05	7.81	6.47	9.36	4.04	10.14	10.40	2.12	70.66	
TOTALS	5071	7374	74.96	70.45	64.57	61.47	65.72	95.01	76.04	69.07	701.74	
	2	8	D	D	D	D	D	D	2	D		

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.W. (New Yellie Dam) Station No. 5313 51  
 County of Renfrew Observer J. Mac Atister Esq. C.E.  
 River Basin Firth of Clyde - 3 Coalbrook Water Engineer  
 Type of Gauge Snowdon No. 5831/52  
 Annual Average 63.2 in. based on 47 years obs. un-weighted. Period of average 1881-1915 Ref. S

672

File No.

Diameter ...	5"				649	842					
Height ...	1'0"					1					
Altitude ...	800'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.95	8.28	4.81	8.72	5.39	4.66	9.62	8.77	2.11	5.29	
February ...	4.22	2.96	(3.85)	7.60	4.45	2.23	4.87	4.84	2.81	6.79	
March ...	4.87	5.39	2.07	5.02	2.55	3.75	7.45	2.05	4.20	4.01	
April ...	4.01	3.29	3.14	3.74	5.00	2.28	3.61	2.79	5.12	7.70	
May ...	2.59	2.35	3.71	4.09	4.98	4.46	2.98	4.95	1.54	3.48	
June ...	2.68	4.85	1.44	5.21	4.17	3.73	2.90	4.62	3.98	3.97	
July ...	4.11	3.66	7.47	4.58	1.08	6.17	6.79	7.70	7.73	6.33	
August ...	4.96	6.45	6.35	6.55	1.47	6.36	5.58	5.54	2.00	4.59	
September ...	6.16	4.85	9.25	9.98	6.64	5.72	4.80	5.67	1.95	4.48	
October ...	2.04	8.04	6.14	12.20	6.38	4.32	7.64	6.24	7.46	4.65	
November ...	9.41	2.24	12.71	10.95	3.70	3.23	3.10	2.90	7.37	9.77	
December ...	10.49	7.60	8.00	9.96	10.73	11.09	9.58	8.08	11.20	7.78	
TOTALS ...	62.49	59.96	68.94	88.60	56.54	58.00	68.92	64.15	57.47	68.84	
	D	D	D	D	D	D	D	D	D	D	

1953 266 gauge stolen. M03 cat.

1955. Imp. H. Flomson. 14/6 q. round (bottle used). Rain avg 3" (bottle used) 5.1". Lake satisfactory, ground flat for considerable distance in all directions then rises N.W.E. (2 1/2 to 3 mi.).

Oct. 1957. Rec. not yet carried out.

April 1958 Rec. carried out.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 26 47.28

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ - und. 12+14 - und. 16-19	✓ ✓	✓ ✓	✓ ✓	✓ ✓