

RAINFALL AT *Loyfa Reservoir (Geyse)*

Lat. _____ Lon. _____ County of *Penfrew*

Rain Gauge, by _____ Observer *J. Wilson Esq C.E.*
Chyde, L. bank - 2.

Diameter . . .											6	
Height											1.0	
Altitude											640 ft	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January										# 6.70		
February										4.70		
March										3.80		
April										4.50		
May										4.10		
June										1.70		
July										3.10		
August										7.50		
September . . .										2.90		
October										5.60		
November										3.80		
December										6.80		
TOTALS										55.20		

Gauge moved from Glenbrae 1-1-89

RAINFALL AT *Shaws W.W. Gayfe Reservoir*

Lat. _____

Lon. _____

County of _____

Renfrew

Rain Gauge, by _____

Observer _____

*Wilson Esq. C.E.**R. Gibson Esq. C.E.**A. Macalister Esq. C.E.**clgde. L. bank - 2.*

Diameter	6										
Height	1 0										
Altitude	640 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.40	5.40	6.40	3.10	9.90	1.40	4.20	2.00	7.10	10.50	5.840
February	2.00	2.10	2.60	6.70	12.70	.70	4.00	5.80	7.20	4.30	4.810
March	5.90	5.00	1.20	2.60	5.70	5.60	8.50	8.20	3.00	5.40	5.110
April	2.20	2.60	1.80	2.30	3.40	4.20	2.80	4.70	5.50	5.80	3.530
May	3.70	3.10	6.10	2.30	4.20	.20	.80	3.70	2.60	4.60	3.230
June	6.70	1.70	5.10	2.00	3.10	2.40	5.10	7.60	3.90	2.50	4.010
July	5.10	2.00	2.90	4.80	3.20	6.00	5.80	3.70	2.10	4.90	4.050
August	4.20	8.00	9.90	4.50	5.50	8.20	3.20	7.40	8.40	2.10	6.140
September	8.80	7.90	10.00	5.10	.30	2.90	6.80	5.70	7.60	6.60	6.170
October	6.10	7.60	4.50	9.40	5.00	5.40	5.30	4.80	4.60	6.50	5.920
November	12.00	7.20	6.70	6.10	7.00	9.70	2.80	5.80	7.70	9.30	7.430
December	1.50	10.50	3.50	8.30	6.30	7.90	9.50	8.60	12.00	5.60	7.370
TOTALS	66.60	63.10	60.70	58.20	66.30	54.60	58.80	68.00	71.70	68.10	62.610

RAINFALL AT *Shaws WW Griffe Reservoir*

Lat.

Lon.

County of *Renfrew*

Rain Gauge, by

Observer *D Macalister Esq C.E.*

Clyde, L. bank - 2.

Diameter ..	6										
Height	1 0										
Altitude ..	640 <i>ft</i>										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	9.70	4.90	6.60	11.50	6.90	4.60	9.00	5.10	8.50	8.70	7.570
February ..	4.40	2.30	2.10	13.50	5.70	5.20	4.80	5.60	4.90	4.20	5.270
March60	3.40	5.10	12.60	3.60	6.80	5.90	6.10	6.80	2.80	5.370
April	4.40	5.20	3.10	2.70	7.50	4.50	1.80	4.00	2.20	5.40	4.080
May	5.10	2.20	2.90	4.20	3.40	2.30	6.90	7.80	3.20	4.20	4.2020
June	4.40	3.80	2.10	3.10	3.70	1.70	1.80	5.70	3.60	4.40	3.430
July	4.00	2.60	5.00	5.80	2.90	4.00	3.80	3.10	5.30	5.80	4.2030
August	5.90	6.50	3.80	11.70	6.20	6.90	5.90	8.00	4.50	3.70	6.310
September ..	6.00	5.40	5.20	5.50	6.80	4.00	2.80	2.10	9.90	3.30	5.100
October	10.00	6.10	4.00	12.30	3.90	4.90	8.70	7.30	2.50	9.90	6.960
November ..	7.50	6.60	7.10	5.10	4.30	7.90	6.60	5.90	5.70	4.90	6.160
December ..	11.50	6.70	7.50	6.60	5.80	6.10	5.40	9.50	7.70	9.50	7.630
TOTALS ..	73.60	55.70	54.50	94.60	60.70	59.10	63.40	70.20	64.80	66.80	6.330

4.23

RAINFALL at Shaws N.W., Gryffe ReservoirCounty of RenfrewObserver D. Macalister Esq. C.E.River Basin Clyde-left bank tribe 2.James Macalister Esq.,

Rain Gauge, by _____

Diameter ...	6											
Height	10											
Altitude ...	640											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	5475 MEANS. 1916-19	
January ...	8.30	8.40	7.09	5.85	5.57	5.70	10.13	3.23	6.55	5.71	25.62	
February ...	9.40	11.40	5.77	3.71	7.93	8.83	7.76	1.62	11.32	1.99	22.69	
March	4.70	3.00	7.75	7.10	7.82	3.77	1.68	3.59	2.81	4.08	12.16	
April	6.10	5.30	3.33	5.86	4.54	4.69	5.32	2.32	1.24	3.75	12.63	
May	4.20	3.94	2.98	4.86	2.06	1.58	5.52	5.09	3.80	1.35	15.76	
June	2.00	4.98	6.18	4.85	1.15	2.16	2.87	4.33	2.33	5.12	14.65	
July	4.80	4.21	3.69	1.59	2.29	4.11	3.45	3.29	5.61	1.13	14.18	
August	10.90	6.64	6.42	2.10	5.30	3.63	4.47	5.34	5.76	3.99	19.56	
September ..	2.50	3.35	4.09	3.55	3.42	2.57	2.04	4.42	7.40	5.27	19.13	
October ...	4.20	5.65	8.45	4.43	3.31	4.36	10.87	12.31	10.04	1.16	33.88	
November ..	5.00	8.65	5.54	8.25	7.89	3.90	8.78	11.98	9.82	6.48	37.06	
December ...	10.20	11.93	11.86	5.82	10.49	7.68	7.40	3.65	8.69	11.77	31.51	
TOTALS ...	72.30	77.45	73.15	57.97	61.77	52.98	69.79	61.17	75.37	52.50	258.83	

D

D

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912			Upper Greenock					
1919	55° 54' 13"	4° 44' 48"	Kilmaleoch					

RAINFALL at Shaws N.W. Gryffe ReservoirCounty of PrenfrewObserver J. Macalister Esq. G.C.River Basin Glyde left bank tribe 2.Water Eng. GwynneSnowdon Rain Gauge, by _____

Diameter ...	6						5						
Height	1	0											
Altitude ...	640												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	SUMS.	
January ...	8.51	14.32	(7.75)	9.41	6.97	7.25	10.83	10.22	13.60	2.34	9.36	100.56	
February ...	9.54	2.90	8.61	7.53	2.08	4.11	8.01	3.83	6.00	2.56	.81	35.98	
March	6.92	11.23	2.48	3.32	.91	3.40	9.28	5.91	6.32	1.14	4.81	55.72	
April	2.64	2.19	4.52	4.15	3.96	8.93	2.63	4.62	3.03	1.32	2.46	40.50	
May	8.21	4.25	5.22	3.26	5.19	8.38	3.84	4.40	2.43	5.17	2.89	52.94	
June	2.94	.69	2.89	1.96	3.28	1.82	4.66	4.86	7.03	3.51	3.54	37.18	
July	4.91	6.07	3.46	5.81	3.90	2.78	3.21	4.64	4.57	6.69	4.01	50.07	
August	6.99	7.03	4.57	8.06	4.30	5.85	6.08	6.85	5.84	7.25	6.77	69.69	
September...	3.97	3.34	4.41	11.82	7.80	4.28	4.79	10.14	5.06	2.16	5.89	63.16	
October	3.88	6.94	3.79	11.03	4.63	6.80	8.70	7.47	12.38	9.54	11.58	86.74	
November...	7.65	4.00	4.60	6.21	7.22	1.58	9.11	7.69	10.85	10.12	10.23	79.26	
December...	6.54	13.58	7.57	5.69	11.42	4.95	4.54	1.78	7.17	15.96	7.92	87.12	
TOTALS...	72.70	76.84	59.87	78.25	61.66	60.13	75.68	72.41	84.35	67.86	69.47	778.92	
	2	2	2	2	2	2	2	2	2	2	2	2	

1922. Jan. corrected for snow.

1930 as recommended a leaf was used 11/21/30.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° 54' 13"	4° 44' 48"	Kilmacolm					

RAINFALL at Shaw W.W. (Griffe Reservoir)County of Renfrew Observer J. Macalister, P.E.River Basin 2. Clyde - Left BankType of Gauge StandardAnnual Average 64.0 in. based on 44 years obs. un-weighted. Period of average 1881-1915 Ref. Survey.
computed x1/36

Diameter	5.										
Height	1. 0.										
Altitude	640.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SyMS Means
January	7.33	11.92	8.91	11.63	3.28	7.59	10.17	12.09	6.07	4.58	83.52
February	6.51	10.4	4.64	1.41	8.76	4.81	7.38	4.39	10.35	3.32	51.61
March	1.81	2.87	4.55	3.48	2.70	5.15	2.34	8.13	5.34	6.84	43.21
April	2.70	6.49	4.07	5.02	4.61	2.39	3.93	1.17	4.44	4.15	38.97
May	5.99	3.41	4.38	4.52	.83	3.09	2.39	4.10	1.92	.96	31.59
June	8.66	2.51	3.51	8.50	4.61	2.16	3.57	8.13	2.46	2.02	41.13
July	5.35	5.07	5.06	3.03	3.09	8.31	4.63	5.50	6.48	4.03	50.55
August	2.15	3.53	4.04	6.65	2.89	3.17	3.91	4.01	2.13	3.83	36.31
September	2.44	6.54	1.05	8.61	9.33	5.39	4.95	6.63	3.18	6.13	54.25
October	6.58	8.98	4.12	11.34	14.79	7.74	3.66	14.83	4.49	9.09	85.62
November	10.38	6.73	3.95	2.89	7.69	5.73	1.94	15.92	13.39	10.98	77.60
December	7.53	13.77	1.89	11.88	5.42	11.40	4.41	7.73	3.65	9.75	77.43
TOTALS	67.43 D.	71.86 D.	50.17 D.	73.96 D.	67.95 D.	66.92 D.	53.28 D.	92.63 D.	63.90 D.	65.68 D.	673.79 D.

1931. Gauge considered too unidirectional - turf wall erected 11.11.30. (Dr. Glasspool's recommendation).

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.			Kilmacdon					

RAINFALL at Shaw W.W. (Griffe Resⁿ) Station No. 5302 41

County of Renfrew Observer J. MacAister, C.E.

River Basin 2-Clyde Left Bank

Type of Gauge Standard

Annual Average 64.0 in. based on 44 years obs. un-weighted. Period of average 1881-1915 Ref. Survey

File No.

Diameter	5"					639	724				
Height	1'0"						1				
Altitude	640'						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	150	1120	8.68	9.04	4.28	11.63	9.75	10.81	9.27	6.16	82.32
February	682	235	7.99	2.70	10.39	4.45	1.87	7.87	8.24	7.27	59.95
March	358	607	3.89	1.38	4.79	3.74	(5.89)	8.06	3.18	4.19	44.77
April	348	370	5.62	4.36	2.85	3.19	10.28	4.75	8.74	4.34	51.31
May	280	442	4.18	5.69	6.44	1.83	6.03	2.38	3.48	2.11	39.36
June	182	337	4.83	6.03	5.16	4.49	4.11	7.44	1.61	2.65	41.41
July	490	507	3.10	5.99	5.74	4.19	5.96	7.15	2.87	6.80	51.77
August	628	723	9.63	4.58	2.98	3.34	.01	9.26	5.62	8.09	57.02
September	244	798	5.94	7.35	7.54	9.77	6.76	8.91	3.02	12.79	72.50
October	834	999	13.21	8.61	8.73	0.64	3.80	10.40	8.91	7.46	80.09
November	679	171	4.13	10.50	1.06	8.04	10.02	6.34	8.55	5.65	62.69
December	499	12.77	4.20	8.50	6.90	8.35	3.62	10.30	13.08	2.11	74.82
TOTALS	5374	4586	75.40	74.73	66.86	63.66	68.10	93.67	76.57	69.42	718.01
	D	D	D	D	D	D	D	D	D	D	

1947. hest. est. for sum.

10004

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
1941			Kilmacdon.					

BRITISH RAINFALL ORGANIZATION

