

Greenock Shaw's W. W.

60

N^o 4 Spunge Hill

Remfrew.

Hill has a N.W. exposure, hills somewhat higher in S.E. and S.

Chin 5-

+ Ground bin.

540 ft. + S.L.

7th Mo 9 Cycle - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					6.10	5.40			4.50	7.40	
February - -					5.30	3.60			9.20	7.00	
March - - -					5.20	2.60			7.60	.90	
April - - - -					2.80	.50			3.30	2.90	
May - - - - -					1.60	3.60			3.90	.90	
June - - - - -					2.90	1.60			2.90	2.00	
July - - - - -					3.00	2.20			1.20	3.70	
August - - -					1.50	5.90			7.10	1.30	
September -					3.90	1.60			2.60	11.70	
October - - -					3.50	6.50			5.90	3.00	
November -					4.90	4.30			4.60	8.80	
December -					4.90	7.50			7.90	10.40	
TOTALS -					45.60	45.30			60.70	60.00	

Taken on 1st of Month

RAINFALL AT Greenock Shaws N.R. No 4 Spango Burn

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

Rain Gauge, by..... Observer.....

File of Clyde - 3.

Diameter.....	6										
Height.....	9										
Altitude.....	540	757		757							
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	5.30	4.10	10.50	10.00	7.20	9.40	5.50	11.50	6.80	1.30	7.160
February.....	3.70	8.20	7.10	1.20	1.90	2.60	6.70	6.70	4.30	2.90	4.530
March.....	7.60	4.60	6.00	2.90	5.60	2.40	4.60	4.40	3.20	5.10	4.040
April.....	2.70	4.00	2.10	4.0	3.20	2.30	3.40	5.30	3.70	2.40	2.950
May.....	6.20	1.20	3.50	3.50	2.60	4.40	.80	4.00	5.70	2.90	3.450
June.....	2.40	3.00	8.80	3.30	1.70	3.80	4.00	5.50	3.50	5.90	4.190
July.....	3.00	4.10	4.90	6.40	2.50	2.50	3.90	6.00	1.40	5.00	3.470
August.....	2.00	4.90	5.10	7.30	6.00	6.30	6.00	9.90	3.50	6.10	5.710
September.....	4.40	3.30	11.10	8.20	9.00	5.90	3.50	2.90	7.00	10.80	6.610
October.....	6.50	6.60	5.80	8.90	12.60	9.90	8.10	10.00	8.20	3.90	8.050
November.....	2.60	4.90	9.00	5.00	6.90	7.20	2.80	11.60	2.10	2.00	5.410
December.....	4.20	7.30	7.30	6.50	1.70	6.80	10.30	10.50	2.00	4.20	6.080
TOTALS.....	44.60	56.20	81.20	63.60	66.90	63.50	59.60	88.30	51.40	52.50	62.180

C C C

RAINFALL AT *Shaw's W. Wks, Spango Burn*

Lat.

Lon.

County of *Kennewick*

Rain Gauge, by

Observer *J. Wilson, Esq, C.E.**Sta. 924 - 3. No 4*

Diameter		6									
Height		0.9									
Altitude		757 ft									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	3.90	.90	6.00	8.80	9.90	6.70	6.60	5.90	5.70	4.40	
February	6.90	4.40	5.20	6.70	9.10	6.90	3.20	5.10	1.20	3.90	
March	3.90	5.80	5.20	2.30	3.90	5.80	5.30	4.10	3.40	3.50	
April	4.20	2.10	3.80	4.10	2.40	4.20	2.90	3.80	3.00	3.90	
May	2.00	3.30	3.00	4.90	6.20	3.20	4.30	1.30	5.40	3.90	
June	2.90	5.40	5.30	3.90	1.90	2.10	1.90	2.10	3.70	2.20	
July	2.90	6.30	8.00	4.20	6.80	2.80	4.00	4.00	5.60	2.20	
August		5.90	4.70	8.00	4.00	3.40	4.30	4.60	4.50	6.90	
September	3.10	3.90	5.20	4.20	5.60	8.60	8.70	6.00	2.60	2.30	
October40	3.20	5.00	7.10	8.50	4.20	5.40	3.60	3.60	5.00	
November	6.90	6.40	8.00	9.90	6.90	4.60	6.00	5.60	7.90	4.10	
December	5.10	7.00	7.70	8.50	9.70	4.60	5.40	5.00	6.90	5.80	
TOTALS		54.60	67.10	72.60	74.90	56.80	58.00	57.10	53.40	48.10	

RAINFALL AT

Shaw's W. Spango Burn

Lat. _____

Lon. _____

County of _____

Renfrew

Rain Gauge, by _____

Observer _____

J. Wilson Esq. CL.
R. Gilman Esq. CL.
D. Macalister Esq. CL.

7th of Clyde 3.

Diameter	6										
Height	0 9										
Altitude	757 A										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.80	4.60	5.90	3.00	6.00	1.30	4.30	2.00	6.00	8.60	4.950
February	1.60	1.90	2.20	6.10	10.20	90	3.80	5.80	6.10	4.40	4.300
March	5.50	3.50	1.00	2.80	3.60	5.10	7.00	7.40	3.00	3.20	4.210
April	1.90	2.20	1.90	2.20	2.50	3.30	2.50	3.50	4.60	4.70	2.930
May	3.00	2.20	6.00	2.90	3.40	.20	1.00	3.50	2.20	4.50	2.890
June	6.90	2.20	5.30	1.80	2.40	2.60	4.30	8.10	3.50	2.40	3.950
July	4.90	1.80	2.90	5.30	3.60	4.80	5.60	3.50	2.00	4.00	3.810
August	3.60	7.10	8.00	3.70	5.90	8.40	3.00	8.00	8.00	2.40	5.810
September	8.00	7.60	9.00	4.90	10.	2.90	6.50	6.00	7.30	6.40	5.870
October	5.80	5.80	5.00	6.90	5.00	4.20	3.30	3.80	4.60	6.30	5.070
November	11.00	6.00	6.40	5.50	5.70	7.30	2.80	5.50	8.40	8.00	6.660
December	1.20	9.10	3.60	6.40	5.60	7.00	9.60	8.50	10.80	5.60	6.740
TOTALS	61.20	54.00	57.20	51.50	54.00	48.00	53.70	65.60	66.50	60.50	57.220

RAINFALL AT Shaws W. W. Spango Barn

Lat.

Lon.

County of Peru

Rain Gauge, by

Observer D. Macalister Esq. C.E.

7th of Clyde - 3.

Diameter ..	6										
Height	0 9										
Altitude ..	7578										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	10.30	3.40	6.60	11.00	7.10	5.30	8.20	5.10	10.50	7.50	7.500
February ..	3.70	2.20	1.80	13.30	5.60	5.70	4.90	6.20	5.20	4.10	5.270
March40	2.60	5.60	10.90	3.50	6.50	5.40	6.60	7.60	2.00	5.110
April	3.90	4.50	2.40	2.50	6.60	4.40	2.20	4.80	2.00	5.20	3.850
May	5.10	1.70	2.70	4.20	3.90	3.20	7.40	6.50	3.70	4.30	4.270
June	3.70	4.10	1.60	2.30	3.10	1.60	2.10	6.30	4.20	3.30	3.230
July	4.40	1.90	5.60	5.30	2.80	4.20	4.60	3.20	5.40	6.20	4.360
August	6.00	6.20	4.70	11.80	6.40	6.40	5.60	9.00	5.50	4.40	6.600
September ..	6.30	5.00	5.60	4.80	6.70	3.70	4.60	2.20	12.10	2.80	5.380
October	9.30	6.90	4.50	13.90	5.10	5.80	10.00	7.50	1.60	10.30	7.490
November ..	7.50	7.40	6.10	5.20	4.60	7.60	7.80	6.70	6.20	4.00	6.310
December ..	12.60	5.30	8.10	7.70	7.40	7.20	6.20	9.30	5.20	11.20	8.320
TOTALS ..	73.20	51.20	55.30	92.90	62.80	61.60	69.00	73.40	72.20	65.30	67.690

Hub

RAINFALL at

Shaws W.H., Spango Burn

County of

Renfrew

Observer

D. Macalister Esq. C.E.

River Basin

Firth of Clyde - left bank tributary 3.

James Macalister (188)

Rain Gauge, by

Diameter ...	6											
Height	0 9					1 0						
Altitude ...	757 ⁺											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	20th Means 1916-19	
January ...	7.80	7.60	6.70	5.50	6.30	5.00	10.10	3.90	4.80	7.10	25.90	
February ...	9.90	11.80	7.00	4.70	7.40	8.70	6.30	2.00	12.40	2.00	22.70	
March	3.40	2.20	8.20	6.90	7.60	4.80	2.80	3.00	3.50	5.30	14.60	
April	5.50	5.30	3.30	5.40	4.20	6.00	5.40	2.10	2.00	6.20	15.70	
May	3.20	4.90	3.50	5.30	2.60	1.40	7.20	6.00	5.40	1.00	19.60	
June	3.10	3.70	6.70	5.20	1.70	2.70	2.10	4.70	3.40	7.00	17.20	
July	4.80	4.10	3.50	1.90	2.30	6.00	3.80	4.00	5.70	3.10	16.60	
August	11.20	6.50	7.50	2.30	6.40	4.70	5.40	5.80	7.50	5.20	23.90	
September ..	2.40	3.70	3.50	3.10	3.90	2.50	3.30	5.40	9.60	8.10	26.40	
October ...	3.90	5.30	8.80	4.50	2.90	4.60	12.20	14.70	9.70	2.20	38.80	
November ..	4.60	7.30	6.60	10.00	8.50	4.10	9.90	15.70	11.10	6.70	43.40	
December ...	9.40	11.40	13.60	6.70	9.10	8.90	7.60	4.80	10.00	10.70	33.10	
TOTALS ...	69.20	73.80	78.90	61.50	62.90	59.40	76.10	72.10	85.10	64.60	297.90	

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919.	55° 55' 22"	4° 48' 45"						

RAINFALL at *Shaws N.W. Spange Burn*County of *Renfrew*Observer *J. Macalister Esq., G.S.*River Basin *Firth of Clyde 3.**Float* Rain Gauge, by

Diameter ...	6												
Height	10												
Altitude ...	757												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS		
January ...	10.30	12.20	(6.00)	8.80	7.30	5.20	10.10	9.80	14.20	2.60	9.70		96.20
February ...	10.90	2.90	7.60	7.80	1.50	3.90	7.40	4.60	5.50	2.30	.60		55.00
March	8.20	10.50	2.90	3.40	1.40	2.40	7.20	5.40	7.30	1.30	4.60		54.60
April	4.10	1.90	3.90	4.80	3.90	6.20	3.00	3.90	3.10	1.80	2.20		38.80
May	9.80	3.50	6.40	3.10	6.10	9.40	3.40	4.20	2.00	6.90	2.90		57.70
June	2.50	.80	3.40	2.40	4.30	1.90	4.10	5.00	7.30	3.70	4.10		39.50
July	4.50	5.70	4.20	6.60	5.80	2.00	3.70	5.70	5.10	6.90	4.60		54.80
August	7.40	8.30	4.10	8.10	5.50	4.10	5.90	7.30	4.90	8.10	7.90		71.60
September...	4.50	3.90	5.10	11.90	9.10	3.80	5.40	10.80	6.50	2.60	5.30		68.90
October	3.50	7.20	4.10	12.40	4.80	6.70	8.30	9.60	11.90	9.30	9.60		87.40
November...	7.40	4.10	4.40	5.58	5.80	1.50	9.70	10.10	11.60	9.60	9.00		78.70
December...	6.00	12.20	6.20	6.30	13.30	3.10	4.80	2.20	7.40	15.40	8.00		84.90
TOTALS...	79.10	73.20	58.30	81.10	68.80	50.20 W	73.00	78.60	86.80 W	70.50 W	61.50 W		788.10

1922 Jan. corrected for snow.

1930 As recommended, g. was moved on 3/11/30, 150 yards S.E.

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° 55' 22"	4° 48' 45"	Greenock					

RAINFALL at Shaw w.w. (Spango Burn)County of Renfrew Observer J. Macdonald, C.E.River Basin 3- Firth of ClydeType of Gauge StandardAnnual Average 62.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Summary
computed XI/36.

Diameter	5											
Height	X											
Altitude	1. 0.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	5 yrs Means	
January	7.40	11.70	8.60	11.20	4.10	6.80	10.40	11.30	5.60	4.40	81.50	
February	5.80	2.20	7.20	1.40	8.80	4.20	7.40	4.00	10.10	2.90	52.00	
March	1.80	5.20	5.80	3.70	2.50	4.30	1.90	4.30	4.60	6.20	43.30	
April	2.60	5.50	4.10	4.80	4.30	2.00	4.00	1.40	4.30	4.10	37.10	
May	6.20	9.30	4.40	5.10	.80	3.10	2.00	5.70	1.90	1.10	33.60	
June	8.30	2.10	3.30	4.30	5.50	2.70	5.10	8.80	2.70	1.40	44.20	
July	6.20	4.50	5.10	3.90	3.60	8.10	6.30	6.10	7.40	4.10	55.30	
August	2.80	4.30	5.00	6.90	3.50	4.40	4.60	3.80	3.00	3.80	42.10	
September	2.20	6.10	1.00	7.50	8.50	5.10	5.90	6.80	3.50	6.00	52.60	
October	7.10	8.80	3.50	10.90	4.60	9.00	3.80	14.10	6.40	8.20	85.40	
November	9.70	6.20	4.20	4.40	6.90	5.80	2.20	13.50	12.50	9.30	74.70	
December	8.50	13.00	2.70	11.50	4.80	11.40	4.70	7.80	3.10	8.80	70.30	
TOTALS	68.60	68.90	54.90	76.60	67.90	66.90	58.30	92.60	64.10	60.30	678.10	
	W	W	W	W	W	W	W	W	W	W		

Replaced by standard gauge during 1931

Gauge moved 3/12/30 150 yds. S. owing to continued interference. Old gauge replaced by 5' standard gauge on 1.10.31. Dr. Glaspoole'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.			Greenock.					

RAINFALL at Shaws W.W. (Spango Burn) Station No. 5314 41
 County of Renfrew Observer J. MacAlister C.E.
 River Basin 3-Firth of Clyde
 Type of Gauge Standard

Annual Average 62.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Survey

File No.

Diameter	5"				649	713					
Height	1'0"					1					
Altitude	757'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	50 Yrs Means
January	1.60	(10.80)	8.20	9.60	5.10	11.60	7.70	9.60	10.60	5.80	80.60
February	6.20	2.70	7.90	2.90	10.50	4.50	(1.80)	8.70	8.20	7.50	60.90
March	3.60	6.70	11.20	1.70	5.70	3.90	(5.70)	8.10	4.00	4.80	48.40
April	3.30	3.30	6.00	4.50	2.70	3.70	10.00	4.30	10.60	4.20	52.60
May	2.70	3.90	4.20	6.50	6.10	1.60	5.50	2.00	2.90	2.00	57.40
June	2.20	2.70	5.20	6.60	5.00	5.10	5.40	6.80	1.70	2.90	43.60
July	4.10	5.30	3.10	5.90	5.70	4.80	5.90	7.20	3.00	6.60	51.60
August	6.60	7.50	10.70	4.90	3.20	3.90	0.00	9.50	6.30	8.80	61.40
September	2.30	8.90	6.10	7.10	7.90	8.80	7.50	10.50	3.50	12.50	75.10
October	7.90	10.90	14.90	8.20	8.90	0.50	4.50	13.40	8.90	8.00	86.10
November	8.20	1.50	4.90	10.30	1.00	8.70	10.40	6.60	7.90	5.20	64.70
December	4.60	11.90	4.20	8.20	6.60	9.40	4.80	9.70	12.00	2.40	73.80
TOTALS	53.30	76.10	79.60	76.40	68.40	66.50	69.20	96.40	79.60	70.70	736.20

1947. Feb & Mar. adj. for snow.

30004

40004

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

W 9713

Station No. 5314

RAINFALL at

Greenock W.N. (Gango Burn)

51

County of Renfrew

Observer

J Mac Alister Esq. C.E.

River Basin Firth of Clyde - 3

C. Gordon Esq. Water Engineer

Type of Gauge Snowdon 15" Baffled on rip.

Annual Average 62.6 in. based on 35 years obs. un-weighted.

Period of average 1881-1915

Ref. S

" " 70.94 " " 27 " with 1931-59.

1916-50

" S.

File No.

Diameter	5"				649	713					
Height	1'0"					1					
Altitude	757'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	7.00	8.00	4.80	8.90	5.20	4.60	10.00	8.20	2.40	5.30	
February	4.60	3.20	4.30	(7.50)	4.50	2.10	4.60	4.90	3.50	6.50	
March	5.60	5.60	2.10	5.70	2.70	4.30	7.60	2.40	4.70	3.70	
April	6.20	3.20	3.00	4.20	5.20	2.20	3.80	2.90	5.70	7.90	
May	2.30	2.10	3.50	4.90	6.30	4.20	2.60	5.40	1.60	3.40	
June	2.70	5.00	1.90	5.70	4.00	3.80	3.20	4.30	4.30	4.00	
July	4.80	3.60	8.00	4.40	1.80	5.80	6.50	6.70	8.90	7.00	
August	5.50	5.80	6.70	5.70	1.60	6.10	5.80	6.10	2.40	3.50	
September	5.90	4.90	8.80	9.70	6.80	5.40	4.60	5.80	2.30	4.60	
October	2.20	7.40	6.30	12.20	6.60	4.40	7.40	6.20	7.80	5.00	
November	9.90	2.50	11.50	10.40	3.90	3.50	3.10	3.20	8.50	9.80	
December	12.40	7.80	7.50	9.80	10.20	10.30	8.30	7.70	11.70	8.70	
TOTALS	67.10	59.10	68.40	89.10	57.80	56.70	67.50	63.70	63.80	69.40	
	W	W	W	W	W	W	W	W	W	W	

W 55 Sup 15 Thompson 10/6 g. sound like in well sheltered place on moorland A good site range for nearly water which must be cleared high clear.

20004

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 26/2461732

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 - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	W 25 ✓ 28-30 20-24 26-27	✓	✓	