

Greenock Shaws W. W.

No 3 Top of Shield Hill

Dunfrew.

Top of highest hill in neighbourhood, valley runs up to it from S.W.

+ Ground bin. + S.L. 800ft.

Fifth of Clyde - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					5.70	5.90			5.30	7.40	
February - -					5.90	5.30			9.50	6.80	
March - - -					5.60	2.70			8.40	.90	
April - - -					2.90	.80			5.00	2.60	
May - - -					1.50	3.00			4.60	.80	
June - - -					3.50	1.50			3.30	2.10	
July - - -					2.70	3.20			1.90	3.90	
August - - -					1.60	7.50			7.20	1.40	
September -					3.20	2.00			3.30	13.10	
October - -					3.30	6.80			6.30	3.10	
November -					3.50	4.10			5.10	9.10	
December -					5.10	8.30			10.40	12.10	
TOTALS -					44.50	51.10			70.30	63.30	

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RAINFALL AT *Greenock Shaws R. R. No 3 Shield Hill*

Lat.....

Lon.....

County of *Renfrew*.....

Rain Gauge, by.....

Observer *J. Wilson, Esq.*.....*7th of Clyde - 3.*

Diameter.....	<i>.6</i>										
Height.....	<i>9</i>										
Altitude.....	<i>800. 962.</i>										
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>5.20</i>	<i>4.30</i>	<i>11.80</i>		<i>7.70</i>	<i>9.50</i>	<i>5.10</i>	<i>10.80</i>	<i>7.70</i>	<i>1.70</i>	
February.....	<i>4.90</i>	<i>10.10</i>	<i>8.20</i>		<i>2.30</i>	<i>2.30</i>	<i>6.50</i>	<i>6.60</i>	<i>4.60</i>	<i>3.20</i>	
March.....	<i>7.70</i>	<i>5.50</i>	<i>6.30</i>		<i>6.80</i>	<i>2.00</i>	<i>4.90</i>	<i>4.30</i>	<i>3.30</i>	<i>5.00</i>	
April.....	<i>3.40</i>	<i>5.30</i>	<i>2.30</i>		<i>3.30</i>	<i>2.40</i>	<i>3.60</i>	<i>5.00</i>	<i>3.80</i>	<i>2.50</i>	
May.....	<i>7.50</i>	<i>1.10</i>	<i>3.90</i>		<i>2.60</i>	<i>5.50</i>	<i>.80</i>	<i>3.90</i>	<i>5.80</i>	<i>3.20</i>	
June.....	<i>2.40</i>	<i>2.70</i>	<i>9.60</i>		<i>1.90</i>	<i>4.00</i>	<i>4.30</i>	<i>5.30</i>	<i>3.50</i>	<i>6.80</i>	
July.....	<i>2.90</i>	<i>4.10</i>	<i>5.80</i>		<i>2.40</i>	<i>2.50</i>	<i>4.00</i>	<i>5.90</i>	<i>1.50</i>	<i>5.70</i>	
August.....	<i>2.20</i>	<i>5.00</i>	<i>5.30</i>		<i>6.40</i>	<i>6.00</i>	<i>6.20</i>	<i>9.70</i>	<i>3.60</i>	<i>6.70</i>	
September.....	<i>4.30</i>	<i>3.50</i>	<i>11.10</i>		<i>8.80</i>	<i>5.70</i>	<i>3.60</i>	<i>2.80</i>	<i>7.60</i>	<i>12.40</i>	
October.....	<i>7.10</i>	<i>7.10</i>	<i>6.20</i>		<i>13.70</i>	<i>9.70</i>	<i>8.00</i>	<i>9.60</i>	<i>9.40</i>	<i>4.30</i>	
November.....	<i>2.80</i>	<i>5.00</i>	<i>10.80</i>		<i>7.00</i>	<i>7.00</i>	<i>2.90</i>	<i>10.90</i>	<i>2.60</i>	<i>2.40</i>	
December.....	<i>4.30</i>	<i>6.80</i>	<i>7.60</i>		<i>1.60</i>	<i>6.90</i>	<i>10.90</i>	<i>10.10</i>	<i>2.30</i>	<i>5.00</i>	
TOTALS.....	<i>48.30</i>	<i>62.70</i>	<i>88.90</i>		<i>64.50</i>	<i>63.50</i>	<i>60.80</i>	<i>84.90</i>	<i>55.70</i>	<i>58.90</i>	

1873 imperfect

RAINFALL AT *Shaws W. Wks. Shieldhill*

Lat.

Lon.

County of *Renfrew*

Rain Gauge, by

Observer *J. Wilson, Esq., C.E.**Tim. of Clyde - 3. No 3*

Diameter		6									
Height		0.9							1.0		
Altitude		962									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	4.10	90	6.30	8.50	10.00	6.80	7.50	6.50	5.40	5.00	
February	7.60	5.20	6.30	7.00	9.00	6.80	3.50	4.90	1.40	3.60	
March	4.60	6.40	5.80	2.00	4.10	5.30	5.20	4.40	3.30	3.80	
April	5.00	2.40	4.10	4.00	2.50	4.40	3.10	3.50	3.20	4.00	
May	2.20	3.80	3.40	4.80	6.50	3.50	4.10	1.20	4.90	3.70	
June	3.00	6.00	5.60	3.70	1.80	2.00	1.80	2.30	3.40	1.90	
July	3.60	8.30	8.20	3.90	6.60	3.00	3.60	4.10	5.40	2.60	
August		6.40	4.60	8.10	3.90	3.60	3.90	4.00	4.00	6.80	
September	3.80	4.20	5.60	4.50	5.50	9.00	8.90	5.90	4.30	2.20	
October60	3.80	5.30	7.30	9.80	4.30	5.20	3.20	3.30	4.80	
November	8.10	8.50	8.40	10.20	6.40	4.30	6.90	5.30	7.60	4.20	
December	5.60	7.70	8.10	9.00	9.00	5.00	5.90	5.20	7.40	6.00	
TOTALS ...		63.60	73.70	73.00	75.10	58.00	58.60	50.50	53.60	48.60	

1888 Sept. Gauge tampered with

RAINFALL AT

Shaws w. w. Shielhill

Lat.

Lon.

County of

Perthshire

Rain Gauge, by

Observer

J. Wilson Esq. Ch.

R. Gibson Esq. Ch.

7th of Dec - 3.

D. Macalister Esq. Ch.

Diameter	6										
Height	1 0										
Altitude	962 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.00	4.30	6.30	2.90	6.20	1.50	4.20	1.90	5.90	8.00	4.920
February	1.50	2.10	2.50	5.90	7.90	1.00	3.60	6.00	5.90	3.80	4.220
March	5.20	3.40	.90	2.60	3.40	5.40	6.90	8.10	2.50	3.50	4.190
April	2.00	2.20	2.10	2.00	2.60	3.10	2.70	3.30	4.50	5.00	2.950
May	1.80	2.60	5.90	3.00	3.10	.20	.90	3.40	2.30	4.20	2.740
June	6.80	2.30	4.90	1.90	2.10	2.80	4.60	7.50	3.40	2.20	3.850
July	5.00	1.80	2.60	5.20	3.40	4.30	5.40	3.30	2.40	4.30	3.770
August	3.40	8.70	7.60	4.00	6.00	8.20	2.90	7.30	6.80	2.00	5.890
September	8.30	8.10	9.90	4.70	.10	3.00	6.10	5.60	8.90	7.00	6.170
October	6.50	6.60	4.70	6.60	5.60	4.00	3.00	3.60	4.80	6.90	5.230
November	11.80	6.30	6.00	6.20	5.30	7.00	1.60	4.90	9.30	7.80	6.620
December	1.40	8.90	4.00	6.60	6.00	7.20	9.00	8.90	10.40	5.90	6.830
TOTALS	61.70	57.30	57.40	51.60	53.70	47.70	50.90	63.80	69.10	60.60	57.280

RAINFALL AT

Shaw W.W. Shielhill

Lat.

Lon.

County of *Renfrew*

Rain Gauge, by

Observer *D Macalister Esq. Cl.*

7th of Clyde - 3.

Diameter ..	6										
Height	1 0										
Altitude ..	962 R										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	10.90	3.90	7.30	13.10	6.20	5.60	9.00	5.20	11.10	8.00	8030
February ..	3.50	2.40	2.00	12.40	6.30	5.50	4.10	6.50	5.50	5.10	5330
March50	2.90	5.60	11.10	3.70	6.60	4.90	5.90	8.00	2.30	5150
April	3.60	5.00	2.30	2.70	6.70	4.90	2.00	4.10	2.20	5.40	3890
May	5.60	2.10	3.30	4.70	4.20	3.00	7.20	6.60	4.00	4.70	4540
June	4.20	4.20	2.20	2.50	3.10	1.50	2.00	6.70	4.20	3.40	3410
July	5.20	1.90	5.70	6.20	2.70	4.40	4.40	3.20	5.90	6.90	4650
August	6.50	6.70	5.20	12.60	7.00	6.50	5.50	9.20	5.80	4.70	6970
September..	7.00	6.10	6.10	6.10	6.60	3.90	4.40	2.60	13.60	2.90	5930
October....	9.00	7.50	4.50	14.30	5.00	5.50	10.60	8.30	1.70	10.40	7680
November..	8.00	8.10	7.20	5.10	5.20	7.50	8.00	7.20	6.30	4.00	6710
December..	12.00	5.60	8.60	7.80	7.60	7.80	6.80	9.70	8.90	10.50	8530
TOTALS ..	76.00	56.40	60.00	98.60	64.30	62.70	68.90	75.20	77.80	68.30	70930

Heb

RAINFALL at

Shaws N.W., Shieldhill

County of Renfrew

Observer D. Macalister Esq. C.E.

River Basin Firth of Clyde - left bank tributary 3.

1918 James Macalister Esq.

Rain Gauge, by

Diameter ...	6											
Height	10											
Altitude ...	962 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUMS Means. Feb-19	
January ...	9.10	5.70	6.20	4.60	6.90	6.40	9.40	3.20	5.10	6.40	24.40	
February ...	10.50	11.60	6.60	4.00	7.80	7.80	6.10	1.40	11.70	1.50	20.50	
March	4.00	2.30	7.60	6.20	7.60	5.10	2.10	3.10	3.50	4.40	13.10	
April	5.70	5.80	4.60	5.20	4.40	5.40	5.20	2.00	2.10	5.80	15.10	
May	3.60	5.70	3.50	5.50	3.00	1.20	6.80	5.60	4.90	1.20	18.40	
June	3.00	3.70	7.20	7.20	2.00	2.50	2.10	4.00	2.80	6.90	15.80	
July	4.90	4.50	3.40	1.90	2.20	5.50	3.40	2.90	4.60	2.40	13.30	
August	11.00	6.40	7.50	2.20	7.00	3.70	4.80	5.20	5.50	4.50	20.00	
September ..	2.60	3.60	3.60	3.10	4.40	1.70	2.70	6.40	7.50	7.70	24.30	
October ...	4.00	5.40	10.00	4.50	3.20	3.80	11.20	14.90	13.00	2.20	41.30	
November ..	4.20	8.10	7.90	10.80	8.80	3.90	8.80	16.20	11.00	6.10	42.20	
December ...	8.80	11.40	12.20	6.80	10.00	7.70	6.80	3.90	9.90	9.90	30.50	
TOTALS ...	71.40	74.20	80.30	62.10	67.30	54.70	69.40	68.80	81.60	58.80	278.60	

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919.	55° 24' 53"	4° 49' 16"						

RAINFALL at Shaws R. R. ShieldhillCounty of PemphObserver J. Macdonald Esq., G.E.River Basin Firth of Clyde. 3.Float Rain Gauge, by

Diameter ...	6												
Height	10												
Altitude ...	962												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	SVMS	
January ...	10.80	18.10	(7.00)	9.70	7.00	5.10	10.30	10.10	18.50	28.0	10.80	110.20	
February ...	10.50	3.20	8.30	8.50	1.70	3.70	7.60	5.40	6.40	2.30	.80	58.40	
March	7.40	10.80	3.30	3.50	1.40	2.60	7.10	5.30	7.70	1.80	4.30	55.20	
April	3.30	1.70	4.30	4.80	4.00	7.40	3.10	4.20	2.70	1.60	2.40	39.50	
May	8.70	3.80	7.20	3.30	6.30	9.80	3.50	4.30	2.10	6.70	3.30	59.00	
June	2.70	.80	3.70	2.20	4.10	2.10	4.40	5.10	7.10	4.30	3.60	40.10	
July	4.50	5.80	4.10	6.30	5.40	2.10	3.80	6.80	5.20	6.80	4.70	55.50	
August	7.20	9.10	4.40	8.80	5.80	4.40	6.10	7.40	5.00	8.60	8.20	75.00	
September...	5.10	4.20	4.80	16.60	9.00	3.90	5.50	12.00	6.10	2.90	6.50	76.60	
October	4.50	7.60	4.80	13.50	5.00	6.90	8.80	10.50	13.10	10.30	10.80	95.80	
November...	9.50	4.60	4.60	5.10	6.30	1.60	10.40	11.70	12.20	9.90	11.00	86.90	
December...	7.10	13.20	6.50	6.30	13.20	3.20	6.20	2.40	8.30	16.10	6.10	88.60	
TOTALS...	81.30	82.90	63.00	88.60	69.20	52.80	76.80	85.20	94.40	74.10	72.50	840.80	
						W.			W.	W.	W.		

1922. Jan. corrected for snow.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	55° 54' 53"	4° 29' 6"	Glenoch					

RAINFALL at Slawo W.W. (Shickie)County of Perth Observer J. Macabrie, C.E.River Basin 3-Fish of ClydeType of Gauge Standard

64-2

based on 35 yrs. obs. un-weighted

1881-1915

S.

Annual Average 5.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref 2

Diameter	5											
Height	1.0											
Altitude	962.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	7.20	14.30	9.90	12.50	4.80	6.20	10.50	11.30	5.00	4.30	8.600	
February	5.10	20	6.80	1.50	9.90	3.80	6.10	5.60	10.40	3.00	52.40	
March	1.60	8.30	5.70	3.00	2.80	4.10	1.90	9.20	14.40	6.30	42.30	
April	2.50	6.00	4.90	4.40	3.80	1.90	3.70	1.50	14.40	4.10	37.20	
May	5.80	2.90	4.10	5.50	.80	3.00	1.80	5.90	1.90	1.10	32.80	
June	6.70	2.10	3.50	3.70	5.30	2.90	5.50	9.10	2.80	1.40	48.00	
July	5.30	5.20	5.60	4.00	4.00	8.50	6.70	6.50	7.60	4.20	57.60	
August	2.80	4.00	5.20	7.60	3.80	4.60	4.40	4.50	3.10	3.40	43.40	
September	2.00	6.50	1.10	7.80	9.60	4.80	6.10	7.10	3.80	6.50	55.30	
October	7.50	9.40	4.00	12.20	15.40	8.90	3.00	14.40	4.60	8.40	87.80	
November	9.50	6.90	3.70	4.30	7.00	5.50	1.90	13.50	13.00	9.40	74.70	
December	10.20	14.40	2.90	11.00	4.40	13.10	3.80	7.50	3.10	9.60	80.00	
TOTALS	68.20	75.20	57.40	77.50	71.60	67.30	55.40	96.10	64.10	61.70	594.50	

Replaced by standard gauge during 1931

Replaced 23/4/31 by 5" gauge. Dr. Glassford's recommendation.

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
			Greenock.					

RAINFALL at Shaws W.W. (Shielhill)Station No. 5312

41

County of RenfrewObserver T. MacQuibben Esq. C.E.River Basin 3 - Firth of ClydeType of Gauge S GordonAnnual Average 44.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	5"				649	684					
Height	1' 0"					1					
Altitude	962'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SVHS Means
January	1.60	(10.80)	8.40	9.40	4.50	11.20	(8.20)	9.10	10.50	5.80	79.50
February	6.00	2.70	8.00	2.80	10.10	4.40	(1.70)	8.20	8.00	7.60	59.50
March	3.70	6.40	4.10	1.50	5.50	3.50	(5.30)	8.20	3.70	4.60	46.50
April	3.30	3.10	5.60	4.30	2.40	3.70	9.80	4.40	9.90	4.20	50.70
May	2.70	3.70	4.30	6.50	5.80	1.60	5.10	2.10	2.80	1.80	36.40
June	2.20	2.90	5.20	6.20	4.70	4.90	5.10	6.70	1.60	3.00	42.50
July	4.30	5.40	2.90	5.70	5.10	4.80	5.80	7.50	3.00	6.70	51.20
August	6.70	8.30	11.00	5.00	2.90	4.00	.00	9.20	5.00	7.40	59.50
September	2.60	9.30	5.90	6.90	7.40	8.70	7.50	10.80	3.20	11.80	74.10
October	8.00	11.00	14.70	8.20	8.50	0.40	4.50	13.90	9.10	7.30	85.60
November	7.00	1.50	4.60	9.30	1.00	8.50	10.30	6.40	8.00	5.00	61.60
December	4.50	11.80	4.10	7.20	5.90	8.90	4.40	9.30	12.40	2.00	70.50
TOTALS	52.60 W	76.90 W	78.80 W	73.00 W	63.80 W	64.60 W	67.70 W	95.80 W	77.20 W	67.20 W	717.60

1942 Jan. pt. est. from map.

1947. Jan. pt. est. Feb. + Mar. adj. for snow. M.O.3

70004

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

RAINFALL at

Greenock W.W.

Station No. *5312*

51

County of *Renfrew*

Observer *J Mac Alister Esq. C.E.*

River Basin *Firth of Clyde - 3*

Water Engineer

Type of Gauge *Showerproof 15" in cup 1899*

Annual Average *64.2 in. based on 35 years obs. un-weighted.*

Period of average *1881-1915*

Ref. *S*

72.33. 1916-1950

1916-1950

File No. *P*

Diameter ...	5"				649	684	*				
Height ...	1' 0"						1				
Altitude ...	962'				<i>912'</i>	<i>51</i>					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.90	7.90	4.50	8.80	4.80	4.20	9.10	7.70	2.20	5.00	
February ...	4.30	3.10	3.80	(7.60)	4.40	1.90	4.40	4.70	3.20	6.40	
March ...	5.20	4.70	1.50	5.30	2.80	3.80	7.00	1.90	4.30	3.90	
April ...	4.00	2.90	2.60	3.40	4.50	1.90	3.50	2.70	5.30	7.50	
May ...	2.10	1.90	3.40	4.30	6.00	3.90	2.40	5.30	1.60	3.20	
June ...	2.80	4.50	1.70	4.40	3.50	3.60	3.30	4.30	4.10	3.80	
July ...	5.00	3.30	7.80	6.00	1.90	5.70	6.40	6.90	8.60	6.80	
August ...	5.50	5.50	5.60	5.30	1.60	5.50	5.50	6.00	2.00	4.00	
September ...	5.70	3.60	8.00	9.50	6.90	4.90	3.80	5.30	2.20	4.60	
October ...	2.20	6.20	4.80	10.20	6.80	3.90	7.20	5.90	7.50	4.60	
November ...	8.70	2.30	11.30	9.00	3.60	3.50	2.70	3.20	7.90	9.40	
December ...	11.10	6.50	6.30	8.40	9.60	9.80	8.40	8.00	12.20	8.30	
TOTALS ...	63.50	52.40	61.30	80.20	64.40	62.60	63.70	61.90	61.10	67.50	
	W	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	W	W	W	

1952. n.p. low.

1953. n.p. low.

General description on top of shield that contains on land shelter. 1955. Map of Thomson gauge round lake on almost flat area on shield hill. Gr. rises from SE. High 5 ft. above lake or some in other direction. Just fails to qualify as large tower. Distance 3/4 W to N to SE. Knowledge recorded in well sheltered below 200° NE. Hillside is 200° at N.

1956. n.p. low.

1957. n.p. low.

1958. Point.

Oct 1957 Rec more not yet carried out. April 1958. Rec carried out and is additional as S. & N. hill.

4/58 x Nov 200° NE

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference *24 1228 727*

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
	✓	- but ✓ 1925 1930	✓	✓	