

# RAINFALL AT Shaw's W. W. Branch Hill

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

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

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

Renfrew

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

Observer \_\_\_\_\_

J. Wilson Esq. C.E.

R. Gilman Esq. C.E.

A. Macalister Esq. C.E.

Clyde, L. bank - 2.

Diameter ....	6										
Height .....	1 0										
Altitude .....	1100										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	5.20	4.20	4.30	2.80	5.50	.80	3.90	1.70	6.40	8.60	4.440
February ....	1.30	2.10	1.80	5.40	9.60	.30	4.40	6.10	4.60	4.60	4.020
March .....	4.40	2.90	.80	1.70	3.10	5.20	8.20	5.60	3.10	4.80	3.990
April .....	1.70	2.10	1.50	2.60	3.40	4.50	2.40	3.90	4.60	5.40	3.210
May .....	4.00	2.70	6.00	3.70	4.40	.10	.90	3.30	2.80	5.30	3.320
June .....	7.40	2.20	5.60	2.30	3.90	2.50	6.60	7.60	5.10	3.30	4.650
July .....	5.50	2.40	2.00	5.50	3.90	6.40	7.50	3.80	2.80	5.30	4.510
August .....	4.50	8.30	10.70	4.61	6.30	8.90	3.60	7.90	10.40	2.40	6.761
September....	8.30	5.50	8.40	4.40	.20	3.20	7.30	5.70	7.70	6.10	5.680
October .....	6.00	6.60	4.40	8.40	5.20	5.30	4.60	4.60	4.40	5.70	5.520
November....	10.70	5.40	5.60	5.70	6.50	8.40	3.10	5.60	5.60	7.40	6.400
December ....	1.80	8.50	2.90	6.70	4.80	5.10	8.50	7.00	9.00	5.00	5.920
TOTALS ....	60.80	52.90	54.00	53.81	57.80	50.70	61.10	62.80	66.50	63.90	58.420

# RAINFALL AT

Shaws W. W. Branch Mill

Lat.

Lon.

County of

Rembert

Rain Gauge, by

Observer

D. Macalister Esq. C.E.

Clyde, L. bank - 2.

Diameter ..	6										
Height ....	1 0										
Altitude ..	1350						1100	1350			
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.40	4.30	6.50	6.90	6.20	3.20	8.40	4.50	6.90	7.10	6.140
February ..	2.20	2.40	1.30	11.60	5.00	3.20	2.10	3.80	2.90	4.20	3.870
March ....	.30	2.30	5.00	7.90	2.80	7.10	2.30	4.20	5.60	3.10	4.060
April .....	3.50	4.60	2.90	2.10	4.60	3.00	1.50	3.70	2.30	5.40	3.360
May .....	5.20	2.50	2.70	4.00	3.00	2.30	9.20	7.40	4.30	4.80	4.540
June .....	4.60	3.80	2.00	3.20	4.40	1.60	2.00	6.50	3.70	4.10	3.590
July .....	5.00	2.50	6.60	6.20	3.80	4.40	4.60	4.40	7.20	6.90	5.160
August ....	7.00	7.80	4.60	13.00	6.40	7.20	6.70	11.30	4.90	4.20	7.310
September ..	5.80	6.10	5.60	5.50	6.30	4.20	1.30	2.70	11.60	3.40	5.250
October ....	9.40	6.40	4.00	12.10	5.30	4.80	9.90	7.90	3.00	9.90	7.270
November ..	6.70	5.40	7.10	5.40	4.30	7.70	6.30	6.10	6.10	4.70	5.980
December ..	10.00	4.60	6.00	6.20	3.90	5.80	5.80	9.70	7.00	9.20	6.820
TOTALS ..	67.10	52.70	54.30	84.10	53.00	54.50	60.10	72.20	65.50	67.00	6.3250

W.H.B.

RAINFALL at Shaws W.W., Grench HillCounty of Renfrew Observer D. Macalister Esq. C.B.River Basin Glyde - left bank tribs. 2. J. Macalister Esq.

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

Diameter ...	6											
Height .....	1 0											
Altitude ...	1350											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	Sums Months 1916-19	
January ...	8.10	7.90	7.30	5.30	5.40	5.80	9.10	2.80	7.10	6.10	25.10	
February ...	8.80	12.20	7.00	3.90	7.50	7.10	6.20	1.40	10.80	2.20	20.60	
March .....	4.40	2.90	10.80	5.90	7.50	3.20	2.60	2.70	3.30	4.00	12.60	
April .....	5.40	5.10	3.30	7.40	4.00	4.20	5.00	2.00	1.10	5.90	11.80	
May .....	3.90	5.40	3.20	4.30	2.30	1.50	6.90	4.20	3.70	1.30	16.10	
June .....	2.10	5.30	6.60	4.60	1.00	2.50	2.50	3.90	2.60	5.90	14.90	
July .....	5.80	5.70	2.20	1.20	2.40	3.90	2.00	2.90	4.70	1.90	11.50	
August .....	14.40	7.00	8.10	2.00	4.90	4.50	3.40	4.70	7.50	3.70	19.80	
September ..	3.50	4.00	4.20	3.20	3.00	2.30	2.10	5.00	10.00	7.90	25.00	
October ...	4.80	6.10	10.70	5.50	3.80	4.80	9.50	10.90	17.30	1.50	39.00	
November ..	4.60	7.40	5.70	7.00	8.60	3.40	7.70	11.70	14.00	5.10	38.50	
December ...	9.70	12.10	12.90	4.00	9.10	6.80	6.00	3.30	10.70	10.90	30.90	
TOTALS ...	75.50	81.10	82.00	54.50	59.50	50.00	63.50	65.50	92.80	54.00	265.80	

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	55° 56' 4" N	4° 45' 52" W						



RAINFALL at *Shaws N.W. Crouch Hill*County of *Renfrew*Observer *J. MacAlister Esq., C.E.*River Basin *Glyde left bank tribs. 2.**Float* Rain Gauge, by \_\_\_\_\_

Diameter ...	6												
Height .....	1	0											
Altitude ...	1350												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	SUMS	
January ...	8.30	15.00	6.90	13.10	8.30	8.70	13.40	12.40	14.10	3.50	10.70		
February ...	8.80	2.90	6.20	6.80	1.90	6.10	7.90	5.30	6.80	3.60	.80	57.10	
March .....	7.50	12.20	2.80	3.50	1.70	3.60	8.70	6.80	6.90	1.20	4.50	59.40	
April .....	3.10	2.40	3.70	4.70	5.30	11.10	2.80	8.10	3.60	2.70	2.40	50.10	
May .....	6.30	4.40	8.10	8.30	6.70	9.70	4.00	6.10	2.30	7.20	2.80	60.90	
June .....	2.80	1.30	3.40	2.50	3.50	7.00	6.50	6.70	9.20	5.00	3.80	46.80	
July .....	5.20	8.30	3.40	6.40	5.60	3.00	5.20	6.50	6.60	8.60	5.50	64.30	
August .....	7.30	9.40	4.70	9.00	5.30	5.50	6.20	8.80	6.60	8.40	9.10	80.30	
September...	5.40	2.80	7.00	14.00	9.60	6.00	4.90	12.90	4.70	3.80	6.20	76.80	
October .....	5.20	6.60	4.50	13.50	6.10	8.70	9.90	8.10	11.90	9.50	11.10	95.10	
November...	9.60	5.00	4.70	7.80	8.90	1.40	9.70	6.90	11.90	10.00	9.80	85.70	
December...	7.60	17.80	5.60	4.90	12.30	4.30	6.00	1.90	7.40	16.90	8.50	93.20	
TOTALS...	77.10	88.10	61.00	89.30	75.40	70.10	85.20	90.50	92.10	79.90	75.20	884.10	

1930 As recommended by Mr. Glasflood a new 5" Standard Gauge with leaf wall was installed during Dec 1930, 12 yds N of existing gauge. Readings from both gauges will be returned from 1/1/31.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	55° 53' 4"	4° 45' 52"	Kilmacolm					

RAINFALL at Shaw. W.W. (Creuch Hill)County of Renfrew. Observer J. Macdonald, C.E.River Basin 2 - Clyde - Left BankType of Gauge FAnnual Average 65.2 in. based on 43 years obs. un-weighted. Period of average 1881-1915 Ref. January  
computed 18/86

Diameter	6										
Height	1. 0.										
Altitude	1350										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	8.30	12.10									
February	7.20	10									
March	2.00	3.00									
April	3.40	6.30									
May	6.60	4.00									
June	11.20	3.40									
July	6.60	6.90									
August	3.30	4.40									
September	3.40	8.30									
October	8.30	10.10									
November	12.40	5.20									
December	8.10	13.30									
TOTALS	81.10	77.10									

1931. Note gauge to be dismantled at end of 1932.

h/p.

1932 n/p.

1935. For copy of letter received by M.O. Edinburgh. Gauge abandoned at end of 1934

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.			Kilmacolm.					

RAINFALL at Shaws W.W. (Creech Hill) new gaugeCounty of RenfrewObserver James Macalister M.Inst. C.E.River Basin 2 Clyde - Left BankType of Gauge Standard

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

Diameter	5											
Height	1' 0											
Altitude	1350											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SUMS	Means
January	8.90	13.70	9.10	11.50	4.50	6.80	11.20	10.50	5.60	4.70	86.50	
February	6.40	7.10	7.20	2.50	9.30	4.80	6.30	4.50	9.60	3.40	54.10	
March	2.70	2.90	5.10	3.10	4.20	5.70	3.20	9.10	5.20	7.90	49.10	
April	3.30	6.70	5.20	6.20	5.20	2.40	4.80	1.40	4.70	4.60	44.50	
May	6.70	4.00	5.50	5.10	.80	3.50	2.50	4.80	2.50	1.60	37.00	
June	10.90	3.60	3.20	4.80	6.20	2.70	5.00	9.00	3.00	2.20	50.60	
July	6.30	6.60	5.80	4.80	3.20	9.20	4.60	7.30	8.40	4.70	60.90	
August	3.80	5.10	6.30	7.90	3.80	4.70	4.90	4.70	3.00	5.10	49.30	
September	3.60	7.60	1.50	9.60	9.90	6.30	5.80	7.90	4.70	7.30	64.20	
October	7.40	10.70	4.70	12.10	14.60	8.30	4.50	14.40	6.10	10.40	93.20	
November	12.30	6.00	4.80	4.00	7.20	5.80	2.10	14.10	13.80	11.00	81.10	
December	8.40	13.90	2.40	14.10	5.50	10.50	5.10	8.00	5.00	10.00	82.90	
TOTALS	80.70	80.90	60.80	85.70	74.40	70.70	60.00	95.70	71.60	72.90	753.40	

1931. New gauge erected 12.12.30. 12 yards N. of old. Turf wall surrounding gauge.

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.			Kilmacolm					



73-659817

RAINFALL at Shaw W.W. (Crouch Hill) <sup>Station No. 5295/1</sup> <sup>41</sup>  
 County of Renfrew Observer James MacAlister Esq.  
 River Basin 2-Clyde-Left Bank M. J. C.E.  
 Type of Gauge Shaw

Annual Average ..... in. based on ..... years obs. un-weighted. Period of average ..... Ref. ....

File No. ....

Diameter	5"				6.59	8.7					
Height	1'0"					1					
Altitude	1350'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	50 yrs Means
January	2.90	(10.80)	11.30	9.30	(4.50)	11.90	(10.50)	11.40	(8.80)	(6.20)	87.60
February	6.90	(2.50)	8.00	3.30	(9.50)	6.20	(2.00)	7.40	9.50	(8.10)	63.40
March	3.60	7.20	3.70	1.80	5.30	4.00	(5.00)	8.10	4.20	5.30	48.20
April	4.00	4.10	6.50	4.90	3.10	4.10	10.00	5.10	9.40	5.00	56.20
May	3.30	5.60	4.80	6.50	6.60	1.80	6.40	2.90	3.90	2.40	44.20
June	2.30	3.80	6.00	6.70	6.30	5.30	5.10	7.90	1.80	3.20	48.40
July	5.20	6.90	3.40	7.00	6.50	5.20	7.30	7.90	3.10	7.40	59.90
August	7.50	9.60	12.40	5.30	3.90	4.00	10	10.30	6.50	8.40	68.00
September	2.90	9.80	6.90	8.90	8.50	10.50	7.90	10.50	3.70	13.70	83.30
October	8.40	10.60	14.00	9.20	10.50	0.90	4.10	11.40	9.30	8.10	96.50
November	8.10	1.80	4.70	10.10	1.70	9.60	10.90	7.50	8.70	5.90	69.00
December	5.60	13.50	4.30	9.00	7.20	8.20	4.70	(0.00)	13.80	2.60	78.90
TOTALS	60.70	(56.2)	86.00	82.00	73.60	71.70	74.00	100.40	82.70	76.30	793.60

1945 Jan & Feb used from maps. 60000

1947, Feb. Mar. est. for Shaw.  
 1948 Dec. est. miss and approx. Jan '49.  
 1950 Jan & Feb approximated.

60004

§ Turfwall round gauge.

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								

BRITISH RAINFALL ORGANIZATION

RAINFALL at Gracemore NW (Crawfish Hill) Station No. 5295/1

51

County of Kent Observer James Mac Ulister Esq.

River Basin Glyde-Lift Bank-2 COORDINATION: 1985

Type of Gauge Snowdon 15 Brass and in use

Annual Average 72.2 in. based on 11 years obs. unweighted. Period of average 1881 - 1918 Ref. 1. 1. 573  
83.98 " " " " " " 1957 " " " " " " 1916 - 1950 S.

Diameter ...	5"				659	87"						
Height ...	1' 0"					1						
Altitude ...	1350'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	(6.90)	(7.60)	5.20	(9.00)	5.30	5.70	9.70	9.40	3.00	6.50		
February ...	4.60	(2.80)	3.70	(8.00)	4.80	2.50	5.90	5.50	3.10	7.80		
March ...	5.10	6.30	1.70	5.90	2.60	3.90	8.70	2.30	5.90	4.90		
April ...	4.70	4.20	3.50	4.50	6.90	2.50	3.30	3.00	6.90	9.20		
May ...	2.70	2.70	3.20	5.00	5.00	5.70	3.00	5.80	2.00	4.90		
June ...	2.70	4.90	1.70	7.20	5.10	5.20	3.20	4.90	5.10	4.80		
July ...	5.20	4.40	6.50	5.90	1.90	7.50	7.90	8.40	8.70	7.80		
August ...	5.80	8.60	6.80	8.30	2.30	8.10	7.20	6.80	2.80	4.70		
September ...	6.80	5.50	11.00	11.20	7.30	7.80	5.80	6.70	2.20	4.70		
October ...	2.50	9.70	5.70	14.10	7.50	4.10	8.10	6.90	8.40	5.80		
November ...	9.70	2.80	12.70	12.50	(4.40)	4.10	4.10	3.10	9.80	8.90		
December ...	12.50	6.90	8.20	9.80	12.30	10.50	8.90	9.50	13.90	9.40		
TOTALS ...	68.90	66.40	69.90	101.40	64.40	67.30	76.40	72.30	71.80	79.40		
	M	M	M	Max	HP	M	M	M	M	M		

1885. Dip. 11° Thomson 15/6. Gravel band. Like on S. side of dip between Crench Hill & latter Crench on S. side of latter Crench. Remains of leaf well. In small bowl in 3 inches. Rise N.E. & E. 5' S.W. over. Inference of Crench Hill. A bad side especially without gravel well. New pit chain 200' N.N.E. to same N. N. side of bridge well rising from in all directions. Shaded layer of water in panes.

1954, n.p. poor sale.  
1955 Feb. & March est. by 103. accepted by Eng.  
Oct. 1957. Rice wt. yet - carried out. April 1958. Rice carried out

Maced 4/2  
2001 11/16

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 26/26.7489.....

[illegible]

*Summary of Earlier Records from 10-year Sheets :*

1916-1950 P - *Rejected*

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓ —	✓ —	C* 1931 ✓ —	✓ —	