

RAINFALL AT Shaws W.W. French Hill

Lat.

Lon.

County of

Renfrew

Rain Gauge, by

Clyde, L. bank - 2.

Observer

Wilson Esq C.L.

R. Gilchrist Esq C.L.
D Macalister Esq C.L.

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	3.50	.80	3.90	1.70	6.40	8.60	4.4440
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	8.00	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	6.461
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	6.1100
December....	1.80	8.50	2.90	6.70	4.80	5.10	8.50	7.00	9.00	5.00	5.920
TOTALS	60.90	52.90	54.00	53.81	57.80	50.70	61.10	62.80	66.50	63.90	58.435

RAINFALL AT Shaws W.W. Branch Hill

Lat.

Lon.

County of Renfrew

Rain Gauge, by

Observer D. Macalister Esq C.E.

Clyde, L. bank - 2.

Diameter ..	6										
Height ..	10										
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	6140
February ..	2.20	2.40	1.30	11.60	5.00	3.20	2.10	3.80	2.90	4.20	3870
March ..	.30	2.30	5.00	7.90	2.80	7.10	2.30	4.20	6.60	3.10	4060
April ..	3.50	4.60	2.90	2.10	4.60	3.00	1.50	3.70	2.30	5.40	3360
May ..	5.20	2.50	2.70	4.00	3.00	2.30	9.20	7.40	4.00	4.80	4540
June ..	4.60	3.80	2.80	3.20	4.40	1.60	2.00	6.50	3.70	4.10	3590
July ..	5.00	2.50	6.60	6.20	3.80	4.40	4.60	4.40	7.20	6.90	5160
August ..	7.00	7.80	4.60	13.00	6.40	7.20	6.70	11.30	4.90	4.20	7310
September ..	5.80	6.10	5.60	5.50	6.30	4.20	1.30	2.70	11.60	3.40	5250
October ..	9.40	6.40	4.00	12.10	5.80	4.80	9.90	7.90	3.00	9.90	7270
November ..	6.70	5.40	7.10	5.40	4.30	7.70	6.30	6.10	6.10	4.70	5980
December ..	10.00	4.60	6.00	6.20	3.90	5.80	5.80	9.70	7.00	9.20	6820
TOTALS ..	67.10	52.70	54.30	84.10	56.00	54.50	60.10	72.20	65.50	67.00	63250 420

Hib

RAINFALL at Shaws R.R., Crouch Hill

County of Renfrew

Observer.

D. Macalister Esq. B.B.

River Basin Clyde-left bank trib. 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 Means 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	8.20	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	3.90	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	1.30	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	3.90	4.70	7.50	3.70	19.80	
September ..	3.50	4.00	4.20	3.30	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	1.30	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	85.50	92.80	54.00	265.80	

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	55° 10' 4" N	4° 45' 52" W						

RAINFALL at Shaws N.W. Crouch Hill

County of Renfrew Observer J. MacAllister Esq., C.E.

River Basin Clyde - left bank trib. 2.

Float Rain Gauge, by

Diameter ...	6										1930. MEANS.	SUMS
Height	1 0											
Altitude ...	1350											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
January	8.30	15.00	6.90	13.10	8.30	8.70	13.40	12.40	14.10	3.50	10.70	114.40
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	3.30	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	5.50	11.10	2.80	8.10	3.60	2.70	2.40	50.10
May	6.30	4.40	8.10	3.30	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	2.00	6.50	6.70	9.30	5.00	3.80	46.80
July	3.20	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	76.90
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	95.70
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 Dr. Glazebrook a new 5" Standard Gauge with theewall was installed during Dec 1930, 12yds N of existing gauge. Readings from both gauges were to be returned from 1/1/31.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51° 53' 4"	N 4° 45' 52"	Hilmaelwyr					

RAINFALL at Shaw, W.W. (Cruch Hill).

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

River Basin 2 - Clyde - Left Bank.

Type of Gauge F.

Annual Average 65.2 in. based on 4.3 years obs. per-weighted. Period of average 1881-1915 Ref. Summary
Completed 18/96

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	18.30									
TOTALS	81.10	77.10									

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

1932 - 1933.

1935. Per 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.					

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

RAINFALL at Shaws W.W. (Crauch Hill) new gauge.

County of Renfrew

Observer James Macalister M.Inst.C.E.

River Basin 2- Clyde - Left Bank

Type of Gauge Standard

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

Diameter	5										SUMS Means
Height	1' 0										
Altitude	1350										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	8.90	13.70	9.10	11.50	4.50	6.80	11.20	10.50	5.60	4.70	96.50
February	6.40	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	8.00	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	10.80	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. } 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					

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

73-659817

Station No.

5295/1

RAINFALL at Shaw W.W. (Crauch Hill) 8400 ft. 41

County of Renfrew
 River Basin 2-Clyde-Left Bank
 Type of Gauge Standard

Observer James MacAlister Esq.

M. Inst. C.E.

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

File No.

Diameter	5"			639	817							
Height	1' 0"					1						
Altitude	1350'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SYRUS 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	6.30	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	4.40	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	(86.2)	86.00	82.00	73.60	71.70	74.00	100.40	82.70	76.30	793.60	

2 Tant Feb add from map 60000 1945 Jan & Feb apportioned.

1947 Jan, Feb, Mar, est. for SLAB.

1948 dec est map 6 and approx Jan '49.

1950 Jan & Feb apportioned.

60004

8 Turfwell 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	Parish Church.	Distance from gauge
1941							

659817

RAINFALL at

Grainger N.W. (Greenhill Station No. 52951)

51

County of

Renfrew.

Observer

James Mac Alister Esq.

M. Inst. C.E.

River Basin

Clyde - Left Bank - 2

COLLECTION

Type of Gauge

Snowdon 15 ft. broad rimmed.

Water Bagman (wt BR 1956)

Annual Average 72.2 in. based on 11 years obs. unweighted. Period of average 1951-1955. Ref. P.B. 573
 83.98 - - 1 - - 1957 - - File No. 5.

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	5.10	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	4.10	
April	4.70	4.20	3.50	4.90	6.90	2.50	3.30	3.00	6.90	9.20	
May	2.70	2.70	3.20	5.00	5.00	5.10	3.00	5.50	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	6.80	6.70	2.20	4.70	
October	2.50	9.70	5.20	14.10	7.60	4.10	8.70	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	M	M	M	M	M	M	M	

1955 Aug 17th Thomson 15 ft gauge stand 9 ft. in. S. side of dip between Greenhill Hill & Little Church, on S. side of little church.
 Remained level well up in small hollow in 3 sides. Ave N+E. just S + SW. side. Infra-red of Greenhill Hill

A bad site especially without fence wall. New site chosen 200' N NE. to same in N side of ridge
 with more ground in all directions. 8 ft. deep layer of water in panes.

1956 n.p. poor site
 1955 Feb + March est by 1/103 accepted by 1/104 Oct 1957. Fix wt 1st carried out.

April 1958. Fix carried out.

Altitude 478
 200' NNE

4000ft 6000ft 10000ft

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 24/267888.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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
		✓	✓	C 1931 ✓	✓	—