

# RAINFALL AT Shaws W.W. Duclall Moor

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

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

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

Renfrew

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

Observer \_\_\_\_\_

R. Gilman Esq. Ch.
Chy de, L. bank - 2.
D Macalister Esq. Ch.

Diameter ....								6			
Height .....								10			
Altitude ....					1150						
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....					7.50	1.50	4.00	2.00	5.90	9.90	
February ....					10.20	.50	4.30	5.90	6.60	4.20	
March .....					3.70	5.30	8.40	6.30	3.60	5.30	
April .....					3.90	4.70	3.50	4.30	4.70	6.00	
May .....					5.00	.10	1.00	3.50	2.80	5.30	
June .....					4.00	2.30	6.70	8.50	4.50	3.20	
July .....					4.10	6.50	7.30	3.90	2.70	5.90	
August .....					6.40	8.50	3.80	8.30	9.60	2.70	
September....					.30	3.10	7.60	6.70	9.40	7.10	
October .....					5.80	6.00	5.50	4.10	5.20	6.90	
November....					7.20	8.90	3.30	5.20	6.10	9.40	
December ....					5.80	6.50	8.20	7.20	10.50	5.90	
TOTALS . . .					63.90	53.90	63.60	65.90	71.60	71.80	

# RAINFALL AT Shaws W.W. Duchall Moor

Lat. ....

Lon. ....

County of Renfrew

Rain Gauge, by .....

Observer D. Macalister Esq. C.E.

Clyde, L. Gauge - 2.

Diameter ..	6										
Height ....	10										
Altitude ..	1150										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	9.50	4.70	7.90	11.20	7.90	5.20	9.20	4.90	8.00	8.10	7.660
February ..	3.10	2.60	2.30	12.30	6.30	4.90	3.40	4.40	5.00	4.50	4.880
March ....	.40	3.80	6.50	12.00	4.40	8.20	4.40	6.20	7.70	3.30	5.690
April .....	4.20	5.50	3.60	2.60	6.90	3.90	2.50	4.60	2.50	6.50	4.280
May .....	5.90	2.50	3.60	5.00	3.60	2.50	9.20	8.40	4.50	5.10	5.030
June .....	4.80	3.90	2.00	3.40	5.60	2.30	2.70	7.30	4.50	5.00	4.150
July .....	5.30	2.70	7.10	7.90	4.40	4.60	4.30	3.80	7.10	9.90	5.710
August ....	7.20	9.20	5.20	13.00	7.40	7.70	7.20	9.90	6.50	5.20	7.850
September ..	7.60	6.70	6.40	6.20	9.10	5.50	3.20	2.60	12.70	3.70	6.370
October ....	9.90	7.60	5.50	14.70	4.50	5.40	10.00	8.90	3.60	11.40	8.150
November ..	7.30	7.70	9.00	6.50	5.10	9.00	7.10	7.70	6.30	5.30	7.100
December ..	11.60	6.30	9.10	6.90	6.10	6.60	6.50	10.20	7.90	9.50	8.070
TOTALS ..	76.80	63.20	68.20	101.70	71.30	65.80	69.70	78.90	76.30	77.50	74.949

*W. B.*

RAINFALL at Shaws W. W., Duchall MoorCounty of RenfrewObserver D. Macalister Esq. C.E.River Basin Glyde left bank tribs. 2J. Macalister 1912.

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

Diameter ...	6										
Height .....	1 0										
Altitude ...	1150										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	9.00	8.30	8.40	8.10	7.10	7.10	9.15	3.30	7.10	5.40	
February ...	9.50	15.10	8.50	4.70	8.40	9.50	8.00	1.50	11.50	3.10	
March .....	4.60	2.50	11.90	7.70	8.40	4.20	11.00	2.00	3.50	5.10	
April .....	6.60	6.50	3.00	7.20	5.30	5.30	6.70	2.40	1.30	3.30	
May .....	4.30	6.30	3.50	4.20	3.50	1.70	7.60	5.00	4.00	1.40	
June .....	2.30	5.80	9.20	6.20	1.70	(2.50)	3.10	4.20	2.10	5.30	
July .....	6.40	5.20	4.10	1.60	2.70	4.30	3.10	3.10	5.10	1.50	
August .....	8.80	7.30	9.00	2.30	5.90	5.10	11.80	5.90	7.40	4.10	
September ..	3.00	4.00	5.10	3.70	3.70	2.30	3.00	5.70	9.20	5.70	
October ...	5.10	7.40	11.10	6.00	5.60	5.50	10.20	11.80	11.20	1.30	
November ..	5.70	10.20	6.00	9.20	9.10	4.80	9.70	12.30	9.50	5.50	
December ...	13.10	16.30	13.90	5.40	10.80	7.90	7.20	4.10	9.00	11.10	
TOTALS ...	78.40	94.90	93.70	66.40	72.20	(60.20)	75.55	61.30	80.90	52.80	

June 1915. Gauge damaged. est. by S.M.S.

Date.	Lat. N.	Long. <input checked="" type="checkbox"/>	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	55° 52' 25"	4° 45' 15"						



RAINFALL at *Shaws W. W., Duchall Moor*County of *Pemphre*Observer *J. MacAlister Esq. G.C.*River Basin *Glyde - left bank tribs. 2.*water inf. *Greenock**Float* Rain Gauge, by \_\_\_\_\_

Diameter ...	6										
Height .....	1 0										
Altitude ...	1150										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.
January ...	9.90	14.70	6.90	10.50	8.10	8.90	12.10	11.90	16.10	3.10	11.40
February ...	8.70	3.10	6.00	6.20	2.00	5.40	8.50	4.90	6.80	3.10	.80
March .....	9.60	12.00	2.60	2.80	1.80	3.40	8.40	6.30	6.40	1.20	5.70
April .....	3.70	2.70	4.50	4.70	5.70	9.60	3.20	6.90	3.00	2.30	2.20
May .....	7.30	4.90	6.20	5.10	6.30	10.10	4.20	5.00	2.20	6.20	2.50
June .....	2.70	1.00	3.50	2.30	3.20	1.70	4.70	6.00	8.70	14.40	2.90
July .....	6.50	6.00	3.40	6.10	5.30	3.10	2.50	6.60	5.10	7.00	4.20
August .....	8.20	8.90	4.90	9.40	6.00	5.30	4.60	8.00	6.50	8.10	8.50
September...	3.90	3.90	4.40	13.40	10.20	5.80	5.20	10.70	5.80	3.70	5.10
October .....	5.20	7.40	3.10	11.10	5.70	8.00	9.50	7.10	12.50	10.30	12.70
November...	7.40	4.60	5.10	5.90	9.40	1.70	9.30	7.10	12.20	11.10	10.10
December...	7.60	10.30	6.30	6.30	12.70	5.30	5.70	2.00	7.90	7.30	8.10
TOTALS...	80.70	74.50	56.90	81.80	76.40	62.30	77.90	82.50	93.20	77.80	76.20

1930 As recommended by the Glasgow & Ayr a new 5" 140 gauge with tin wall was installed 20 yds N. of existing gauge during X11/30. Readings of old & new 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	Parish Church.	Distance from gauge	Direction
1920	53° 52' 25"	N 45' 10"	Kilmaleod					

RAINFALL at Shaw W.W. (Duchal Moor)County of RenfrewObserver J. MacAlister, C.E.River Basin 2-Clyde - left BankType of Gauge Standard MacAlisterAnnual Average 70.2 in. based on 39 years obs. un-weighted. Period of average 1881-1915. Ref. Summary.Completed 11/36

Diameter	5 8	6"										
Height	1 0											
Altitude	1150											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	7.90	13.20										
February	4.60	1.10										
March	2.30	3.40										
April	3.90	6.50										
May	6.50	4.10										
June	9.20	3.30										
July	6.40	5.70										
August	4.10	4.70										
September	3.00	7.20										
October	9.00	9.70										
November	12.50	5.90										
December	8.30	14.70										
TOTALS	77.40	78.50	N.R.									

1931. New gauge completed 15/12/30. 20 yds. N of old.

1932. Gauge abandoned by J. MacAlister C.E. at end of 1934.

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
			Kilmacolm.					

RAINFALL at *Shaws w.w. (Duchal Moor) (new gauge).*County of *Renfrew*Observer *James Macalister M. Inst. C.E.*River Basin *2 Clyde - Left Bank.*Type of Gauge *Snowdon*

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

Diameter	5"										
Height	1'										
Altitude	1150'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	8.40	12.50	9.90	11.90	4.20	2.10	13.30	12.90	6.50	5.20	
February	5.30	10	8.90	2.20	9.70	5.20	8.00	5.70	12.40	3.50	
March	2.90	3.80	5.30	4.80	3.70	6.90	2.10	11.00	6.70	9.00	
April	4.10	7.10	5.10	5.10	5.40	2.50	5.10	1.70	5.20	5.10	
May	6.90	4.00	5.30	5.30	1.00	2.90	2.70	5.50	2.70	1.50	
June	11.00	3.80	3.80	4.60	6.50	3.10	5.70	10.00	3.50	2.40	
July	7.30	7.00	6.20	5.60	2.50	9.80	6.70	7.70	9.20	5.00	
August	4.10	5.30	6.30	8.40	2.80	6.00	5.00	5.50	3.10	5.40	
September	3.70	7.60	1.20	10.30	10.70	7.20	6.70	9.40	5.00	8.70	
October	9.20	10.10	4.60	11.30	17.90	9.90	4.80	17.10	5.80	10.50	
November	13.40	6.30	4.60	3.90	8.80	7.30	2.00	15.90	15.10	12.10	
December	8.90	15.00	2.60	13.80	6.20	14.30	4.90	8.80	5.70	12.10	
TOTALS	85.50	82.60	63.80	87.20	81.40	84.10	67.00	111.20	80.90	80.50	

b turf wall 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
1931.			Kilmacdon					





RAINFALL at § Glencock W.W. (Dungannon) Station No. 5294/1 51  
Glencock W.W. (Dungannon)  
 County of Renfrew Observer J Mac Atister Eng. C.E.  
 River Basin Glyde Left Bank - 2 Collaboration Water Engineer (44 BR 1956)  
 Type of Gauge Inverdon 15" (fixed) in use 1952

Annual Average 75.0 in. based on 8 years obs. un-weighted. Period of average 1881 - 1915 Ref. P.B. 573  
 " " 83.45 " " 27 " obs. 1931-59 " 1916-50 S.  
 File No. \_\_\_\_\_

Diameter ...	5"				659	916					
Height ...	1' 0"					1					
Altitude ...	1150'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	(7.10)	(8.40)	5.90	(9.00)	6.50	5.60	10.30	9.60	3.50	(6.70)	
February ...	5.00	(3.00)	4.90	(8.00)	(6.00)	2.90	6.20	5.20	2.90	(7.90)	
March ...	5.30	6.70	2.50	(6.80)	2.80	4.20	8.90	2.40	5.20	4.60	
April ...	4.90	4.10	4.50	4.70	5.80	2.20	3.50	3.50	5.10	8.70	
May ...	2.90	2.90	4.10	5.40	6.40	4.30	3.30	5.90	1.90	5.00	
June ...	2.90	5.10	2.10	7.80	6.40	5.30	3.50	5.30	5.00	4.50	
July ...	5.00	5.80	7.40	6.70	2.10	8.30	8.90	9.10	8.90	7.50	
August ...	6.00	9.10	6.60	8.50	2.60	8.30	7.50	7.30	2.50	4.80	
September ...	6.90	6.60	11.20	11.70	7.40	7.40	5.80	6.90	1.60	4.20	
October ...	2.70	10.20	6.20	14.60	7.20	3.90	8.90	7.10	8.80	5.30	
November ...	9.90	3.50	13.80	13.20	(4.60)	4.40	3.90	3.40	9.50	9.00	
December ...	12.80	7.80	8.90	10.30	(11.70)	10.80	9.20	9.80	13.60	9.20	
TOTALS ...	70.40	73.20	78.10	(106.70)	66.40	67.60	79.90	75.50	68.50	77.40	
	M	M	M	M	M	M	M	M	M	M	

1951 by T. Thomson 15 1/2 g. found. No observation but was found like in Walsley 20" d. An excellent  
 like (well kept wall). Doubtful is 8" glass the more removed in 1950 was carried out  
 1956 Feb. + March est. by 103, accepted by 39.  
 1959 up 100.  
 1960 30m Feb. upportioned M.O. Edin  
 40004 60004 70004 20034

Position of Station on Ordnance One-Inch map : No. of Map \_\_\_\_\_ National Grid Reference 46128467

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1956.			Kilmacolin			

Summary of Earlier Records from 10-year Sheets :

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