

RAINFALL AT Shaws W. Wks. Kelly Dam

Lat.

Lon.

County of

Ayr

Rain Gauge, by

Observer

J. Wilson, Esq., C.E.

File of Clyn. 2. No 12.

Diameter		6									
Height		1. 0									
Altitude		640?									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January		1.10	8.00	9.10	9.60	6.50	7.30	7.20	5.80	5.40	6050
February		5.80	7.00	7.10	9.20	7.00	3.60	4.50	1.70	4.30	5020
March		7.30	6.00	1.90	4.30	5.90	4.70	2.60	4.70	4.00	4140
April		2.50	4.30	4.80	2.80	4.50	2.90	3.10	4.40	3.90	3320
May		3.80	3.90	5.60	6.60	3.60	4.60	1.50	5.80	4.00	3940
June		6.50	5.80	3.50	1.60	2.10	2.00	2.00	4.20	2.10	2980
July		7.10	8.30	4.00	5.30	3.00	4.60	4.50	5.00	2.50	4430
August		6.90	4.90	8.40	5.00	3.80	4.10	4.10	5.00	7.00	4920
September		4.60	5.90	4.50	5.00	9.90	9.20	5.60	3.80	2.50	5100
October		3.90	5.70	8.00	8.40	4.30	5.00	2.80	3.50	5.30	4690
November		8.30	8.70	9.00	6.30	5.00	6.00	5.80	8.50	4.40	6220
December		7.90	8.30	8.60	9.00	4.80	6.20	5.20	7.50	6.50	6400
TOTALS		65.70	76.50	74.50	73.30	60.40	60.20	48.90	59.90	51.90	57160

RAINFALL AT *Shaws Works Kelly Dam*

Lat. _____

Lon. _____

County of *Arg.*

Rain Gauge, by _____

Observer *William E. C. L.*

7th of July - 2.

R. Gibson Esq. C. L.

Diameter	6										
Height	10										
Altitude	640?										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.80	5.00	7.00	2.90	8.60	1.50	4.60	2.00	5.20	9.30	5.490
February	1.90	2.00	3.00	5.80	11.00	1.40	3.90	4.70	6.80	3.50	4.400
March	5.40	5.30	1.40	2.90	3.60	6.10	7.40	6.30	3.10	3.00	4.450
April	2.20	2.60	2.10	2.90	2.70	3.70	2.60	3.20	4.90	4.60	3.150
May	3.90	2.80	6.00	3.10	4.10	.30	1.30	3.00	2.20	4.40	3.110
June	8.00	2.50	5.70	2.20	3.80	2.90	5.30	7.60	4.60	2.10	4.470
July	5.40	2.60	4.00	7.20	3.90	5.30	5.60	3.50	2.60	4.90	4.500
August	4.30	7.90	9.00	3.90	6.60	9.50	3.50	8.10	9.00	2.10	6.390
September....	10.00	7.50	9.70	5.10	.10	2.80	5.90	5.00	7.00	6.60	5.970
October	6.90	7.80	4.30	7.60	5.80	4.60	3.40	3.30	4.90	5.40	5.400
November....	12.60	7.70	6.90	6.30	5.80	7.90	2.70	5.20	8.20	6.50	6.980
December	1.60	9.50	3.70	8.00	6.10	6.90	7.50	6.60	10.60	6.80	6.730
TOTALS	71.00	63.20	62.80	57.90	62.10	52.90	53.70	58.50	69.10	59.20	61.040

RAINFALL AT

Shaws W. Works Kelly Dam

Lat.

Lon.

County of *Apr*

Rain Gauge, by

Observer *D Macalister Esq*

Fitz g Clyde - 2.

Diameter ..	6										
Height	10										
Altitude ..	640?										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...	9.20	4.40	6.80	9.50	7.20	5.10	8.00	4.40	8.90	6.90	7.040
February ...	5.20	2.80	2.10	9.60	5.90	4.00	5.40	9.00	5.00	5.30	5.430
March50	3.00	5.30	9.10	3.10	6.30	5.10	8.10	9.80	4.60	5.490
April	3.60	5.20	2.40	2.50	5.60	4.80	1.80	4.80	2.60	6.90	4.020
May	5.00	1.90	3.70	4.10	3.60	2.40	7.80	6.60	4.20	5.50	4.480
June	4.60	3.80	2.00	2.90	2.60	1.90	2.20	6.00	4.40	3.20	3.360
July	4.90	1.90	5.50	5.50	4.00	4.20	4.20	3.80	6.10	6.60	4.670
August	7.50	7.50	4.90	11.70	6.60	5.80	6.70	7.50	6.80	4.60	6.960
September ..	6.20	5.50	5.40	4.50	8.10	5.10	4.50	2.60	11.00	2.60	5.450
October	9.00	6.80	3.50	12.50	4.50	5.50	9.70	8.50	1.90	8.30	7.020
November ..	5.60	7.50	6.00	5.40	6.80	7.50	6.40	9.30	8.10	3.60	6.620
December ..	10.70	5.20	6.90	6.50	6.60	6.20	8.30	8.20	9.00	8.10	7.670
TOTALS ..	72.00	55.50	54.50	83.80	64.60	58.80	70.10	78.80	77.80	66.20	68.210

This station is under Rainfall.

110. Eden. Oct. 1934.

the

RAINFALL at Shaws Water Works, Kelly DamCounty of Ayr. Renfrew.Observer D. Macalister Esq. C.E.River Basin Firth of Clyde
Left bank of Clyde, 2.D. Macalister, Esq., (1918)

Rain Gauge, by _____

Diameter ...	6											
Height	1 0											
Altitude ...	640											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	51.4 MEANS. 1916-19	
January ...	6.10	5.10	6.10	4.70	6.10	5.40	10.00	4.40	7.00	6.50	27.70	
February ...	10.50	9.20	6.60	3.60	6.20	9.50	6.80	2.30	9.50	1.80	20.40	
March	3.30	1.80	8.00	6.50	7.20	4.00	3.60	5.00	3.00	5.60	17.20	
April	6.60	4.70	5.40	5.70	4.10	2.70	3.70	3.00	1.90	5.90	12.50	
May	3.60	3.80	3.20	5.40	2.50	.80	6.20	6.00	5.40	1.20	18.80	
June	2.50	4.50	7.00	5.10	1.30	2.10	1.90	3.30	2.80	5.00	13.00	
July	3.20	4.60	3.30	1.60	2.00	6.00	2.20	2.70	5.60	1.80	12.30	
August	10.00	3.50	4.70	2.00	5.40	3.70	5.60	3.50	6.50	3.60	19.20	
September ..	2.50	4.10	4.50	2.40	3.00	1.90	3.30	5.70	7.60	7.00	23.60	
October ...	2.60	4.70	7.20	3.70	2.70	4.00	10.40	13.10	9.80	2.00	35.30	
November ..	5.40	7.30	6.70	8.40	6.20	2.40	9.00	13.30	8.50	5.50	36.10	
December ...	9.60	10.30	10.20	4.10	8.70	8.90	9.90	5.40	7.30	9.60	32.20	
TOTALS ...	65.90	63.60	72.90	53.20	55.40	51.40	72.60	67.70	74.90	53.10	268.30	

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	55° 52' 39"	4° 50' 30"						

RAINFALL at Shaw Water Works (Killybegs)County of W. Renfrew Observer J. Macalister Esq. F.R.S.River Basin 12 Fin of Clyde Water Sup. GroundsFloat Rain Gauge, by _____

Diameter ...	6											
Height	1.0											
Altitude ...	640											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	SUMS
January ...	8.90	10.40	6.50	10.50	7.40	5.60	13.50	9.90	14.20	3.70	12.10	102.70
February ...	9.40	2.60	7.20	8.70	1.70	5.50	7.80	4.30	6.60	4.10	.70	58.60
March	7.20	8.20	2.30	3.10	1.60	2.50	4.70	5.90	7.80	2.70	6.20	52.20
April	3.80	2.10	5.20	5.20	3.70	9.30	2.70	4.80	2.90	2.40	2.80	44.90
May	10.10	3.50	6.00	2.50	5.60	9.60	3.70	4.40	2.40	7.40	3.80	59.30
June	2.60	1.40	3.60	2.40	3.80	2.00	4.30	4.80	6.60	6.10	5.00	42.60
July	4.50	5.20	3.20	6.10	5.10	2.10	3.60	6.20	4.20	8.50	4.10	52.80
August	5.30	7.50	3.30	7.80	5.10	6.00	5.90	6.90	5.10	9.50	9.20	71.90
September...	4.30	3.20	4.30	9.50	7.70	4.40	6.10	9.30	5.60	4.50	7.80	66.70
October	3.80	5.80	3.10	9.30	4.10	6.80	11.50	9.30	12.00	11.40	14.60	91.70
November...	7.20	4.40	4.10	5.00	4.70	1.60	11.10	9.90	10.50	15.30	11.20	85.00
December...	5.70	10.60	5.30	6.20	9.80	4.40	5.00	2.90	7.50	20.20	8.30	86.10
TOTALS...	73.50	64.90	54.10	76.30	60.30	59.80	77.90	78.60	85.40	95.80	85.90	814.50
						W.			W.	W.	W.	

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° 52' 30"	4° 50' 30"	Wemyss Bay.					

RAINFALL at Shawo w.w. (Kelly Dam)County of Renfrew Observer J. MacAlister, C.E.River Basin 3 - Fort of ClydeType of Gauge SnowdonAnnual Average 55.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

Diameter	5											
Height	1.0											
Altitude	640											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
January	10.20	9.20	6.60	7.00	3.90	6.60	9.30	8.10	5.60	4.20	70.70	
February	8.30	10	8.50	14.0	7.40	4.80	7.90	3.60	6.60	2.90	51.50	
March	2.30	3.20	4.50	3.80	2.60	5.50	2.50	5.80	3.40	4.60	38.20	
April	3.70	5.40	4.30	5.60	3.90	2.10	3.80	.60	3.60	3.90	36.90	
May	6.70	9.10	4.60	4.60	.80	3.30	1.60	4.90	1.60	1.20	32.40	
June	10.00	2.20	3.30	4.30	4.60	2.40	5.20	7.70	2.20	1.10	43.00	
July	7.30	4.70	5.70	4.60	3.20	8.10	5.50	5.80	6.50	4.40	55.80	
August	3.20	4.50	5.30	5.60	2.80	4.50	3.90	3.10	3.00	3.40	39.30	
September	2.60	6.10	1.10	6.80	8.00	4.80	3.80	5.70	4.10	5.00	48.00	
October	8.60	8.90	3.20	9.70	13.00	6.90	3.60	9.80	6.10	7.30	77.10	
November	11.20	4.90	4.30	3.70	6.70	4.80	1.80	10.10	10.40	9.00	66.90	
December	(6.60)	10.50	2.60	12.30	5.10	7.90	4.10	6.40	3.00	7.50	66.00	
TOTALS	50.70	62.80	54.00	69.40	62.00	61.70	53.00	71.60	56.10	54.50	625.80	

Replaced by standard gauge during 1931

1931. New gauge installed 7th Big 7/8. Since 1929 record too big.

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
			Wemyss Bay					

RAINFALL at Shaws W.W. (Kelly Dam) Station No. 5305 41
 County of Renfrew Observer T. Mac Alister, C.E.
 River Basin 3-Felt of Clyde
 Type of Gauge Snowdon

Annual Average 63.1 in. based on 35 years obs. ~~un~~-weighted. Period of average 1881 - 1915 Ref. S.

File No.

Diameter	5"					649	577				
Height	1'0"						1				
Altitude	640'						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.60	(10.00)	8.10	9.00	3.50	9.40	7.40	8.90	8.60	4.30	70.80
February	6.60	2.70	7.80	2.10	9.70	4.50	(1.70)	5.80	7.40	5.00	53.30
March	3.50	5.80	4.10	1.70	5.90	3.60	(4.90)	6.80	4.10	4.00	44.40
April	2.90	3.30	4.60	(4.20)	2.30	3.40	7.70	3.10	8.10	3.90	43.50
May	2.80	4.00	4.30	5.40	5.70	1.40	5.50	1.90	2.50	1.60	35.10
June	2.20	2.80	5.30	(6.15)	4.80	4.70	4.80	5.60	1.40	2.70	40.45
July	5.50	6.30	2.30	4.50	3.90	4.60	4.50	7.00	2.70	6.00	47.30
August	5.10	8.60	10.00	4.00	2.80	3.80	0.00	8.70	5.50	6.60	55.10
September	1.50	7.20	5.60	6.90	7.60	8.90	6.50	9.10	2.90	11.50	67.70
October	7.70	8.70	14.50	7.50	8.20	0.40	3.30	11.60	9.60	7.20	78.70
November	8.20	1.40	4.40	9.20	.80	8.20	9.40	4.70	6.60	4.90	57.80
December	4.10	11.70	3.90	7.40	6.30	7.90	4.50	8.30	8.90	2.40	65.40
TOTALS	51.70	72.50	74.90	(68.05)	61.50	60.80	60.20	81.50	68.30	60.10	659.55
	W	W	W	W	W	W	W	W	W	W	

1944 Jan. ft added from map. 05004
 1944 April & June amended by ref to sur. stat.

1947 Feb & Mar pl. ask for sur.
 1948 plow. 1949 up low. 1950 no. minimum?

1948-49 accepted for averages
 1946-50.

30004

40009

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			Wemyss Bay					

BRITISH RAINFALL ORGANIZATION

RAINFALL at *Shaws W.W. (Kelly Dam)*

51

County of Kennewick

Observer

River Basin

Type of Gas

Annual Average 6.3-6 in. based on 35 years obs. w- weighted. Period of average 1881-1915 Ref. 8 B & N.

File No.

Diameter ...	5 ⁿ				649	577					
Height ...	1'0 ⁰					1					
Altitude ...	640'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.00	6.10	4.70	(8.20)	6.00	4.40	7.50	7.80	2.40	5.70	
February ...	4.00	3.00	3.70	(6.10)	4.20	2.90	4.20	4.80	2.50	6.30	
March ...	5.10	5.00	1.60	4.30	2.40	3.20	6.40	2.20	4.20	3.70	
April ...	3.60	2.80	3.10	3.90	6.30	2.20	3.60	2.50	4.60	6.50	
May ...	2.20	2.50	2.90	3.80	6.60	4.30	2.50	4.90	1.40	3.20	
June ...	2.20	4.10	1.40	5.70	5.70	4.00	3.00	4.00	3.60	3.80	
July ...	4.40	3.70	7.90	5.00	2.00	5.70	6.30	6.30	8.40	5.60	
August ...	5.70	6.20	6.50	6.20	1.50	5.80	6.10	5.70	1.90	4.50	
September ...	5.00	3.90	8.00	8.70	7.40	5.50	4.10	5.40	2.20	4.80	
October ...	2.20	8.00	5.30	12.50	6.70	3.40	7.00	5.40	6.50	5.00	
November ...	10.20	2.70	10.60	11.60	4.10	3.70	3.60	2.80	8.30	8.90	
December ...	10.00	6.70	6.50	7.40	9.80	7.80	8.00	7.90	13.00	7.60	
TOTALS ...	60.60 W	54.70 W	62.20 W	83.60 W	60.60 W	52.60 W	62.30 W	59.70 W	59.00 W	65.60 W	

1952. n.p. low.
1953. Pivot.

60054

(18) exp. 17. 21 Nov 1960. J. Badly broken. min 75-5-15. Site on flat land NW of dam. (50° avg.) Occupied ~~to~~ to S-SW. To be re-sited 25' to 50' in hollow well sheltered in all directions (many young lying 30' from site - not far apart). New site less easily seen.

Oct. 1957 Rec. move not yet carried out.
April 1958 Rec. carried out.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 24.1221684.

[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		✓ -20-24 W 25 4-27 28-2	✓ W	✓ Int. up 48-49 W - 1944	