

RAINFALL AT New Cunnock Knockencrossan

Lat. _____ Lon. _____ County of Ayr

Rain Gauge, by _____ Observer J. Wilson Esq C.E.
R. Gibson Esq C.E.

Firth of Clyde - 2.

Diameter	6										
Height	1 0										
Altitude				1040						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.70				8.20	1.20	4.00	2.40	6.20	7.40	
February	1.50				10.50	1.50	3.70	4.50	6.40	3.50	
March	4.90				4.80	5.60	7.00	6.10	3.20	2.90	
April	2.10				4.20	4.10	2.70	3.60	3.90	5.60	
May	4.10				5.00	.20	.90	3.60	2.50	4.60	
June	7.80				3.60	2.40	5.40	7.50	4.60	2.50	
July	6.30				4.30	4.50	6.40	4.00	3.90	5.50	
August	5.30				7.00	8.40	4.00	7.40	9.30	2.70	
September....	9.80				.20	3.20	6.50	5.80	8.10	6.90	
October	7.00				5.00	5.40	3.60	3.80	5.40	5.20	
November....	13.00				5.50	6.90	3.00	5.40	6.80	6.90	
December	1.40				5.00	6.10	7.60	7.10	10.00	6.40	
TOTALS	70.90	not recd			63.30	49.50	54.80	61.20	70.30	60.10	

RAINFALL AT *Shaws Works Knocknonsan*

Lat.

Lon.

County of *Ayr*

Rain Gauge, by

Observer *D Macalister Esq*

Firth of Clyde - 2

Diameter ..	6										
Height	10										
Altitude ..	1040										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	9.00	3.30	7.50	8.70	5.90	4.50	7.00	4.00	7.00	6.60	6350
February ..	5.00	2.30	1.60	8.10	5.80	3.50	4.30	5.90	4.10	6.00	4660
March60	2.00	4.80	8.80	3.90	6.10	3.40	5.50	6.70	4.00	4580
April	3.80	5.20	2.70	2.10	5.20	4.50	1.70	4.80	2.30	6.00	3830
May	4.90	2.50	2.70	4.70	3.50	2.60	7.60	6.90	4.50	4.20	4410
June	3.10	3.30	2.10	3.30	3.10	1.30	2.50	6.20	4.70	3.10	3270
July	5.00	1.70	7.10	5.60	4.00	4.80	4.50	3.20	5.20	7.20	4830
August	6.60	8.00	5.50	12.40	6.00	6.40	5.60	6.80	6.00	4.80	6810
September ..	6.10	5.70	5.40	4.80	7.20	4.80	3.00	2.00	12.50	3.00	5450
October	8.60	6.90	4.00	12.00	4.00	5.60	9.20	8.90	2.00	6.50	6770
November ..	7.10	8.00	5.00	5.20	6.00	5.90	6.50	7.30	6.30	3.70	6100
December ..	10.20	4.70	6.60	6.40	4.40	5.50	6.90	7.60	7.50	6.00	6580
TOTALS ..	70.00	53.60	55.00	82.10	59.00	55.50	62.20	69.10	68.80	61.10	63640

H. S.

RAINFALL at Shaws Water Works, KnockencrossanCounty of Ayr Observer D. Macalister Esq. F.R.S.River Basin Firth of Clyde Left bank of 2.

Rain Gauge, by _____

Diameter ...	6										
Height	1 0										
Altitude ...	1040										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.00	4.70	6.70	3.50	6.80	6.50	8.10	4.40	5.90	5.70	
February ...	9.00	8.50	6.10	3.50	7.70	8.00	5.90	1.90	10.50	2.20	
March	2.30	1.70	9.80	5.20	8.00	5.00	3.20	3.40	3.20	3.00	
April	4.40	3.90	4.30	4.60	4.80	3.50	6.00	2.40	2.20	4.40	
May	2.50	3.30	3.30	6.00	3.60	.90	7.00	4.00	4.10	1.20	
June	2.40	4.50	6.90	6.00	2.00	2.20	2.00	3.90	2.30	6.20	
July	3.50	4.70	3.50	1.40	2.50	7.40	3.40	2.90	5.30	1.80	
August	12.00	4.80	6.10	1.50	6.60	4.10	4.90	4.80	5.60	4.70	
September ..	2.90	4.60	3.80	2.70	4.00	2.50	2.90	6.90	7.50	6.80	
October ...	2.40	5.20	8.40	4.20	4.00	4.30	10.30	12.80	11.00	1.90	
November ..	4.80	7.20	7.90	9.40	6.60	3.00	7.20	14.70	9.50	5.80	
December ...	9.40	11.00	9.40	6.60	8.00	8.00	9.00	3.60	9.60	10.70	
TOTALS ...	61.60	64.10	76.20	54.60	64.60	55.40	69.90	64.70	76.70	54.40	

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919.	55° 52' 6"	4° 48' 20"						

RAINFALL at Shaw's Waterworks, (Shackencross).County of Essex.Observer J. Adair, Esq.
Dr. H. C. C.River Basin 2 Kim & Clyde.Float Rain Gauge, by _____

Diameter ...	6											
Height	1.0											
Altitude ...	1040											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	MEAN.
January ...	7.90	14.60	4.80	11.30	7.30	4.40	14.20	10.00	14.50	260	10.90	
February ...	9.20	2.80	5.40	8.10	2.20	3.50	8.10	4.80	6.50	250	.50	
March	6.60	8.30	2.20	3.60	1.40	2.70	5.40	5.60	7.50	290	4.90	
April	3.00	2.20	4.20	4.10	3.50	5.10	2.70	4.40	3.10	140	2.50	
May	9.50	3.80	5.30	2.80	4.70	7.90	4.40	4.70	2.20	760	3.20	
June	2.70	2.10	3.40	2.30	3.30	2.40	5.10	5.50	8.30	510	2.90	
July	5.40	5.50	3.30	5.80	5.00	2.20	3.90	7.90	6.10	870	4.40	
August	6.50	8.40	3.20	8.10	5.50	4.70	6.40	7.90	6.20	940	8.30	
September...	4.30	3.00	3.80	8.70	8.50	4.50	6.50	9.80	6.90	250	6.30	
October	4.60	5.40	4.00	7.30	3.90	5.40	9.80	9.80	12.40	990	14.40	
November...	8.00	3.70	4.00	5.30	5.20	2.30	10.90	7.70	12.30	970	10.60	
December...	5.90	13.00	5.90	5.60	8.30	2.90	4.90	1.70	7.70	1520	9.70.	
TOTALS...	73.60	72.80	49.50	73.00	58.90	48.00	82.30	79.80	94.20	8650	79.50.	

1925. This seemed too low in some months, but accepted after ref: Gauge in good order and no change of Observer method. a.w.

1930 As recommended by us a new standard 5" g. was installed during Dec 1930, 375 gao
 60 of this one. From 1/1/31 both g's will be read concurrently & returns furnished for both.

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° 52' 6"	4° 48' 20"	Wemyss Bay					

RAINFALL at *Shaw WW (Knockencrossan)*County of *Arg.*Observer *J. MacAllister, C.E.*River Basin *2. Firth of Clyde*Type of Gauge *"F"*Annual Average *61.5 in.* based on *2 1/2* years obs. *un-weighted.* Period of average *1881-1915* Ref. *S*

Diameter	6"										
Height	1' 0"										
Altitude	1040'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	9.10	12.50									
February	5.90	10									
March	1.80	3.00									
April	3.20	6.50									
May	5.60	3.20									
June	9.30	2.90									
July	6.10	5.50									
August	3.30	5.00									
September	2.40	7.40									
October	4.40	9.20									
November	10.30	6.90									
December	7.60	12.90									
TOTALS	72.00	75.10									
	M.	M.									

1931. *n/p.* Gauge to be kept until end of 1932, and then dismantled.1932. *n/p*1935. *letter from MacAllister. Gauge abandoned 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
1931.			<i>Wemyss Bay</i>					

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

RAINFALL at Shaw's W.W. Knockencroan (new gauge)County of Arg. Observer J. Mac Alister B.E.River Basin 2- Firth of Clyde.Type of Gauge SnowdonAnnual Average in. based on years obs. un-weighted. Period of average Ref.

Diameter	5										
Height	1.0										
Altitude	1040										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	8.60	12.80	8.70	9.50	4.50	6.70	10.10	10.40	5.40	4.50	
February	7.00	1.0	7.80	1.80	9.30	4.10	5.70	4.80	9.30	3.10	
March	1.50	3.50	5.10	3.60	3.00	5.00	1.60	3.20	4.80	5.30	
April	3.00	6.00	5.50	5.40	4.40	2.20	4.10	1.10	4.10	4.10	
May	5.30	3.30	4.50	5.10	7.0	3.20	2.00	4.90	2.20	1.40	
June	8.50	2.70	3.40	4.20	4.60	2.30	5.70	3.80	2.50	2.00	
July	6.60	5.90	7.10	4.90	4.50	3.20	6.20	6.30	8.10	4.30	
August	3.00	4.50	5.50	6.20	3.40	5.20	4.50	4.40	2.70	4.10	
September	2.70	7.10	1.20	8.00	9.30	5.20	5.50	7.90	4.80	6.50	
October	8.00	10.40	3.60	10.80	16.20	9.20	3.90	13.30	6.00	7.20	
November	10.10	7.10	4.90	3.80	7.40	5.70	1.70	12.80	11.50	9.20	
December	8.80	13.30	2.80	12.70	5.40	11.00	3.30	7.50	4.10	3.60	
TOTALS	73.40 M.	76.70 M.	60.40 M.	76.00 M.	73.20 M.	62.00	54.30	90.90	65.50 M.	61.30	

1931. New gauge 14/2/30. 373 yds. S.W. of old. From 1 Jan. 1931 this gauge to be taken as the official gauge at Knockencroan (Old 6" gauge badly exposed, recommended by Dr. Glasspool to be removed to more sheltered ground.)

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 Direction from gauge	Parish Church.	Distance Direction from gauge
			Wemyss Bay.			

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

Station No. 5219/1 41
 RAINFALL at Shaws W.W. (Knockerossan)
 County of Ayr Observer J. Mac. Alistair, C.E.
 River Basin 2-Fish of Clyde
 Type of Gauge Snowdon

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

File No.

Diameter	5"				649	638					
Height	1'0"					1					
Altitude	1040'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.00	(10.50)	8.40	9.20	(4.00)	9.50	(10.50)	9.30	8.80	4.50	
February	6.40	(2.50)	7.40	3.10	(9.70)	4.20	(2.00)	6.20	7.80	5.80	
March	3.60	6.90	4.10	1.90	5.20	3.10	(5.00)	7.90	4.80	3.90	
April	3.80	3.50	4.60	4.40	2.10	4.90	8.60	4.10	8.80	4.20	
May	3.40	4.10	4.10	(6.00)	5.40	1.50	5.40	2.50	2.60	2.00	
June	2.50	3.00	5.10	(6.00)	5.00	5.10	4.60	6.80	1.60	3.70	
July	5.50	6.00	2.50	(6.00)	5.00	4.70	5.60	8.00	2.90	6.20	
August	6.80	8.60	11.20	5.00	3.70	4.30	000	7.70	5.50	7.10	
September	2.60	7.90	6.50	(8.00)	7.80	9.10	6.80	10.20	3.20	11.30	
October	6.50	8.90	12.70	(8.50)	9.50	.60	3.40	10.90	9.20	5.80	
November	6.30	1.50	4.40	(9.70)	1.00	8.40	9.50	5.80	7.40	5.30	
December	4.30	11.90	4.00	8.30	6.80	8.60	4.40	9.10	10.00	2.00	
TOTALS	53.70	(530)	75.00	(76.70)	65.20	64.00	65.80	88.50	72.60	61.80	

1942 Jan and Feb estd. from map. 1944 May, July, Sep-Nov put in.
 New gauge installed Aug. 1945.
 1945 Jan & Feb. off. & part estd.
 1947 Jan, Feb, Mar. est. for seas H.O. 354

6000.4

0356.4

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.	Direction
1941			Wemyss Bay					

BRITISH RAINFALL ORGANIZATION

