

RAINFALL AT Cardross Kilmahew Castle

Lat.....

Lon.....

County of Dumbarton

..... Rain Gauge, by.....

Observer J. W. Purves Esq.

Width of Clyde, etc - 2.

Diameter	3	8	9											MEANS.
Height	2		6											
Altitude	96.0	96	100											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879				
January.....	5.30	4.10	8.70	8.01	3.97	7.75	2.70							
February.....	5.30	6.25	4.60	1.58	1.16	1.21	5.66	3.36						
March.....	80	4.70	4.29	1.73	3.14	1.43	4.75							
April.....	1.60	5.25	1.93	4.42	2.08	1.78	2.11							
May.....	4.10	1.20	2.60	2.99	2.15	2.10	.56							
June.....	1.65	2.90	6.86	2.12	1.06	3.14	3.67							
July.....	2.55	3.80	7.16	4.20	2.63	1.60	2.48							
August.....	1.65	3.80	3.58	4.56	5.51	3.40	5.26							
September.....	4.05	2.40	8.51	5.46	5.68	3.77	3.54							
October.....	76.30	4.90	3.54	6.74	7.04	5.71	6.75							
November.....	2.10	3.40	8.02	3.67	4.49	4.07	3.33							
December.....	3.50	6.15	6.84	2.83	1.82	2.86	7.42							
TOTALS.....	39.10	48.85	65.63	44.31	40.73	38.82	48.23							

No observations

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RAINFALL AT Cardross Kilmahew

Lat.

Lon.

County of

Dumbarton

Snowdon Rain Gauge, by Hicks

Observer

Cloud a allan Esq

Firth of Clyde - 2.

Diameter										5	
Height										1 0	
Altitude										360	130 T
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January											6.19
February											2.57
March											2.81
April											5.10
May											2.28 3.26
June											2.66 3.12
July											4.10 3.12
August											4.47 2.90
September											6.74 1.95
October											1.73 6.82
November											3.76 2.69
December											4.96 5.48
TOTALS											4601

1908 Cardross church 3/4 mile SSW
 .. Station 1 . . SW
 Wall 671 high 30 N
 gauge moved from Dourlell April 20th 2 m. NW

RAINFALL at Cardross, Kilmahew

County of Dumbarton Observer Claud A. Allan Esq.

River Basin, Firth of Clyde & Cowal 2.

Snowdon Rain Gauge, by Hicks

Diameter	5									
Height	10									
Altitude	130T									
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January	6.91	4.11	5.78	5.34	4.16	3.55	6.19	2.22	5.08	3.96
February	6.10	7.31	4.42	3.38	5.83	7.62	5.23	1.01	6.67	.93
March	2.52	1.52	5.59	5.85	6.26	2.57	1.62	2.28	1.60	4.59
April	4.55	3.19	2.39	3.17	2.81	3.03	3.33	1.45	.81	1.51
May	1.74	2.80	1.96	4.10	1.33	1.50	4.28	3.77	2.28	.97
June	2.59	3.03	4.75	3.46	.69	1.86	1.57	3.29	1.14	3.65
July	4.89	2.44	2.38	1.57	3.38	3.27	2.30	1.70	3.51	.83
August	8.73	3.81	4.16	1.11	4.88	2.25	4.33	6.07	3.74	5.81
September	1.86	2.14	3.36	2.68	1.59	1.97	1.95	2.02	5.75	2.58
October	2.80	4.04	5.21	2.55	2.38	3.41	7.80	7.30	6.06	.75
November	4.30	6.02	4.55	5.51	4.64	2.46	5.82	5.74	6.07	4.00
December	4.83	9.25	8.95	3.61	7.29	5.27	6.19	2.84	4.51	9.22
TOTALS	51.82	49.66	53.50	42.33	45.24	38.76	48.71	39.69	47.22	35.80

Catechism 14/5/15. Old glass replaced by Canden glass 27/5/15

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Cardross	$\frac{4}{5}$ mile	S.	Cardross		
1919	55° 58'	4° 38' W.						

RAINFALL at Cardross, Kilmashew

County of Dumbarton

Observer Capt. Claud A. Allan 629

River Basin Firth of Clyde + Cowal 2.

Snowdon Rain Gauge, by Hicks

Diameter ...	5		5								
Height	1	0		1	0						
Altitude ...	130		180		130						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	5.83	7.98	5.49	5.30	5.07	4.86	7.16	6.00	10.38	11.72	8.82
February ...	6.14	1.16	4.91	5.22	1.20	4.36	5.54	2.94	4.59	2.21	.24
March	4.56	6.23	1.87	2.10	.72	2.49	3.35	3.59	6.24	1.21	3.87
April	1.30	1.00	3.21	4.27	2.57	5.62	2.30	3.64	2.64	1.08	2.25
May	3.85	2.91	4.14	2.25	5.04	6.80	3.57	3.08	2.34	3.83	1.93
June	1.55	.50	1.98	1.13	2.08	.82	3.32	3.93	6.06	3.30	2.88
July	2.86	4.59	2.84	3.68	3.45	1.57	1.92	3.71	3.00	3.97	1.99
August	4.88	4.95	2.16	7.40	4.11	4.06	3.98	6.01	4.46	6.19	6.22
September...	2.69	1.80	2.50	7.27	4.90	3.92	3.63	7.25	3.94	1.00	3.99
October....	2.59	4.53	1.95	6.20	3.46	4.44	7.33	6.12	7.95	5.24	8.25
November...	4.70	2.98	2.93	3.80	3.27	1.30	7.35	(4.73)	7.05	1.67	6.14
December...	4.66	6.92	4.39	5.03	8.26	(3.46)	2.88	1.66	5.11	11.87	5.20
TOTALS...	45.61	45.35	38.37	53.65	44.11	43.70	52.33	52.66	63.76	48.29	48.18

1922. Gauge moved' Oct. 31st 407 yds ENE.

1925. ~~July 17~~ confirmed by Chol. Dec. reported to Chol. (-50 in. added for snow)

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series			No. of Map	Reference No.			
Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1919	55° 6' S	4° 38'	Cardross	4/6 mi	S	Cardross	1 mi

RAINFALL at Cardross (Kilmallock) M.W.R.

County of Dumbarton.

Observer Claud A. Allan Esq.

River Basin 2-Fifth of Clyde & Cowal.

Type of Gauge.

* Annual Average 45.9 in. based on 14 years obs. yh-weighted. Period of average 1881-1915 Ref. S
 (in 1938 an average of 44.7 was inadvertently used by)

Doubtful X(3)

Diameter	5.										
Height	1.0.										
Altitude	130.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.81	9.22	6.10	7.07	2.89	3.26	6.70	8.50	4.32	(3.53)	
February	4.47	.02	4.07	.78	5.88	3.62	5.79	2.53	6.26	1.58	
March	1.82	2.62	2.42	2.67	1.78	3.36	1.86	3.64	3.99	4.03	
April	1.94	4.05	2.42	3.60	3.50	1.50	2.27	.52	2.90	2.95	
May	4.38	2.89	3.09	2.84	.57	2.02	1.78	3.03	2.01	1.04	
June	5.65	1.67	2.18	2.75	3.23	1.67	3.18	6.49	1.71	1.39	
July	3.80	2.64	4.11	2.64	1.82	3.94	3.11	4.21	5.48	4.62	
August	1.82	2.43	2.80	4.61	2.68	2.22	3.36	1.89	2.28	2.20	
September	1.43	4.42	0.75	5.96	6.61	4.12	3.04	4.56	2.18	4.06	
October	4.32	6.88	3.29	7.49	9.89	5.32	2.94	8.90	3.09	6.53	
November	7.54	4.93	2.93	1.63	5.10	4.30	1.08	9.22	8.42	7.34	
December	5.03	8.73	1.14	8.72	8.65	8.06	2.83	5.38	2.57	5.98	
TOTALS	46.01	50.50	36.36	50.76	47.08	45.39	37.97	57.87	46.21	44.30	
	D	D	D	D	D	D	D	D	D	D	

* average computed X(3) from records 1909-1932 rejected from being over 3° low.

† doubtful from records 1923-36 as available with lower filter (Item 3)
and double filter (Number 3).

1940 Jan corrected for snow.

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	Parish Church.	Distance from gauge	Direction
1936.	.		Cardross	1.2 m	S'W	Cardross	1 m	S.

Station No. 5318

RAINFALL at Cardross (Kilmashew) M.W.R. 41County of Dumbartonshire Observer Cloud A. Allan Esq.River Basin 2 - Firth of Clyde & Cortal

Type of Gauge.....

Annual Average 45.9 in. based on 46 years obs. un-weighted. Period of average 1881-1915. Ref. S

X

File No.

Diameter	<u>5"</u>	-		<u>604</u>	<u>720</u>						
Height	<u>1' 0"</u>					<u>1</u>					
Altitude	<u>130'</u>					<u>41</u>					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.34	5.16	5.56	6.14	(3.28)	7.33	6.18	7.84			
February	3.94	1.60	5.13	1.63	8.32	2.80	(1.50)	5.39			
March	2.12	(4.74)	2.90	1.42	3.32	2.68	4.27	-100			
April	2.11	2.13	3.83	2.70	2.25	2.42	6.19				
May	3.16	3.23	3.64	3.35	4.04	2.36	5.74				
June	0.59	1.70	3.40	3.61	3.94	2.66	3.78				
July	2.72	3.01	2.88	4.25	4.42	3.44	5.46				
August	5.00	4.67	8.18	3.21	2.10	3.00	.04				
September	2.03	4.72	3.52	5.04	5.13	7.69	4.61				
October	5.77	5.75	8.38	5.19	5.59	4.44	2.42				
November	4.22	1.39	2.65	7.91	.47	6.35	6.75				
December	3.32	6.65	2.91	6.35	5.29	5.54	2.64	-100			
TOTALS	36.32	44.75	52.98	50.70	48.15	46.71	49.58	-100			
	D	D	D	D	D	D	D				

10004

40004

20004

1947 Feb. est. for snow
1948 Terminated end of Feb.Position of Station on reduced Ordnance Survey Map, | No. of Map..... Reference No. 26 353782
1 mile to 1 inch Series

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