

RAINFALL AT Rentonbarman Reservoir

Lat.

Lon.

County of Dumbartonshire

Rain Gauge, by Observer Mr. G. Brown from Wm. Craigop
clyde, Lenox - 3.

Diameter ...	8										
Height	40										
Altitude ...	292										
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...	3.83	4.70	7.86	5.22	3.80	6.76	3.92	5.27	6.38		
February ...	1.77	1.69	8.92	3.92	4.34	3.78	3.76	3.24	3.55		
March	2.13	3.80	10.27	1.83	3.92	4.25	5.63	4.26	2.12		
April	3.09	1.40	1.63	5.87	3.33	1.40	2.28	1.27	4.97		
May	2.32	2.82	2.96	3.43	2.11	4.55	4.67	2.70	3.01		
June	3.36	2.36	2.35	2.50	.99	1.90	4.83	2.72	3.55		
July	2.14	3.24	5.53	2.77	3.82	3.59	2.49	4.41	3.86		
August	4.34	3.15	6.44	4.86	5.40	6.53	5.56	4.30	3.41		
September ..	3.46	4.42	4.58	4.94	2.45	2.41	1.74	7.26	2.26		
October ...	5.14	3.30	10.66	3.19	3.58	6.31	6.65	1.31	6.61		
November ...	5.09	4.07	4.83	3.21	5.48	4.62	3.78	3.62	2.47		
December ...	4.92	5.85	3.41	4.35	4.33	4.61	6.94	4.31	5.58		
TOTALS ...	41.59	40.80	69.44	46.09	43.55	50.71	52.25	44.67	47.77		

1901-07 Recd. 3.viii.09 Int. 28.IX.09.

1901 Wall 4ft high 33° N.W.

Filter bank 6ft " 45 " SW.

Unobstructed from SE & NE.

Rentonbk. $\frac{3}{4}$ m. SE.

" Stat. " "

RAINFALL at Renton, Carnar Reservoir Hectars

County of Dumbarton Observer Mr. Chas. Brown

River Basin Clyde- Leven 23.

Rain Gauge, by _____

Diameter ...	8										
Height	40										
Altitude ...	292										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	7.06	4.03	4.64	4.76	3.82	3.47	7.22	2.42	5.39	3.80	18.83
February ...	6.01	7.53	4.03	4.33	6.02	6.77	6.26	1.00	8.23	.96	16.45
March	2.96	1.09	5.76	5.94	5.59	3.12	1.92	2.88	1.60	5.06	11.46
April	4.47	3.10	2.70	4.17	2.59	3.58	8.90	1.65	.45	2.32	8.32
May	2.24	3.15	1.78	4.39	1.62	1.23	4.33	2.99	2.46	1.13	10.91
June	2.26	3.63	4.94	3.68	.78	2.14	2.32	4.64	1.43	3.38	11.67
July	4.82	3.80	2.43	1.58	2.65	8.74	2.53	1.81	3.08	1.21	8.63
August	9.60	3.91	4.27	1.30	5.89	2.19	3.74	4.96	3.43	2.94	15.37
September ..	2.32	2.14	3.73	2.60	2.65	1.17	1.15	2.93	5.95	3.15	13.18
October ...	2.71	3.68	4.71	2.95	2.82	3.20	8.95	7.49	6.40	.92	23.76
November ..	3.64	5.28	4.84	6.46	5.43	2.59	5.73	8.27	5.15	4.51	23.66
December ...	4.74	8.92	8.87	4.57	7.78	5.09	5.69	3.17	6.07	8.37	23.30
TOTALS ...	52.83	50.26	52.70	46.73	47.64	38.29	53.79	44.11	49.94	37.75	185.54

D D D

N.W.

SW, E + NE

Bank

45°

1913 Wall 4 ft high 32 ft N.W.

Bank 6 ft 36 ft SW.

Open N.E.

1914 Wall 6 1/2 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1915 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1916 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1917 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1918 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1919 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1920 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1921 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1922 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1923 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1924 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1925 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1926 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1927 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1928 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1929 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1930 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1931 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1932 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1933 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1934 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1935 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1936 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1937 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1938 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1939 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1940 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1941 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1942 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1943 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1944 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1945 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1946 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1947 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1948 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1949 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1950 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1951 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1952 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1953 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1954 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1955 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1956 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1957 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1958 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1959 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1960 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1961 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1962 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1963 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1964 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1965 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1966 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1967 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1968 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1969 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1970 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1971 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1972 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1973 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1974 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1975 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1976 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1977 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1978 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1979 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1980 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1981 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1982 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1983 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1984 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1985 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1986 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1987 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1988 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1989 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1990 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1991 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1992 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1993 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1994 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1995 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1996 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1997 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1998 Wall 6 ft high 30 ft N.W.

Bank 10 ft 36 ft SW.

Open N.E.

1999 Wall 6 ft high 3

RAINFALL at Renton (Carmarthen Firs)

County of Dumbarton. Observer W. Buchanan.

River Basin 3-Clyde Loon.

Type of Gauge.

Annual Average 146.8 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. Survey

Institutional XU/36

Diameter	8.											
Height	4.	0.										
Altitude	292											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.32	9.39	5.46	6.52	2.74	5.56	6.89	8.19	3.49	2.48	56.04	
February	5.54	0.02	4.34	1.93	6.45	3.56	5.51	3.19	6.36	1.61	37.51	
March	1.28	2.72	2.39	2.76	2.15	2.91	1.74	4.06	4.08	1.10	28.19	
April	2.05	4.02	2.70	3.20	3.38	1.23	2.02	.51	3.18	3.47	25.76	
May	4.24	3.14	3.05	3.05	.69	1.67	1.85	3.38	2.25	1.35	24.60	
June	5.87	1.61	2.14	2.59	3.23	1.83	3.94	6.06	1.92	1.08	30.27	
July	3.69	2.74	4.42	2.51	2.17	5.03	3.42	4.36	6.43	1.13	38.92	
August	1.84	2.83	3.11	4.68	2.28	2.78	4.53	2.34	2.21	2.34	28.94	
September	1.42	5.13	.81	5.75	6.87	4.54	2.86	5.49	3.01	4.42	40.30	
October	3.44	7.58	3.43	8.85	10.65	6.18	3.45	9.58	2.94	6.29	62.59	
November	4.24	4.81	2.60	1.83	4.99	3.91	1.32	9.06	8.17	7.43	51.35	
December	5.09	8.08	.89	8.52	3.83	7.83	2.53	4.72	2.76	6.28	50.53	
TOTALS	49.35	52.07	35.34	51.19	49.22	47.05	40.06	60.94	46.80	44.98	475.00	
	D.											

1931 Wall 6' high 30° N.W. open S.E. House 20' high 60° S. Earth bank 10' high
30° W.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.			Renton	2m	N.E.	Renton	2m	S.E.

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

Station No. 5325

RAINFALL at Renton (Carron Fittery)

41

County of Dumbarton

Observer

W. B. ~~Johnston~~, Esq.
F. Hallier Esq. (1943)

River Basin 3 - Clyde - Leven

Type of Gauge

Annual Average 112.5 in. based on 32 years obs. ~~xx~~-weighted. Period of average 1881-1915.

compared with 1881-1915

Ref. S

File No.

Diameter	8"									5	
Height	4' 0"									1-0	
Altitude	292'									292.	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SUMS Means
January	79	5.43	5.85	6.45	3.59	6.97	6.44	7.81	5.97	4.47	53.77
February	417	2.35	5.20	1.94	7.43	3.02 (1.01)	5.43	5.46	4.98	40.99	
March	2.68	3.65	3.35	1.26	3.40	2.44 (3.90)	4.19	2.81	2.36	30.04	
April	1.81	2.46	4.21	2.63	2.45	2.11	6.02	3.12	5.08	3.42	33.31
May	351	3.33	3.62	3.29	3.85	1.89	5.10	1.98	2.53	1.37	30.47
June	1.09	1.97	4.03	3.59	3.93	2.55	3.69	5.30	1.08	2.58	29.81
July	3.30	4.81	2.45	3.24	4.58	3.53	4.55	3.95	3.25	6.53	39.69
August	5.57	5.49	8.10	3.48	2.08	2.94	0.00	7.09	5.21	5.94	45.90
September	2.13	5.79	3.84	5.01	5.33	8.03	4.88	7.66	1.93	9.88	54.48
October	5.70	7.11	8.67	4.94	5.12	4.49	2.13	7.83	6.94	4.95	53.88
November	4.63	1.46	3.19	7.80	6.63	7.07	6.87	3.63	4.90	3.58	43.76
December	3.52	6.58	2.89	6.33	4.81	5.62	2.95	7.25	9.32	1.58	50.85
TOTALS	35.90	49.93	55.40	49.96	47.20	46.66	(47.54)	65.24	54.48	51.64	506.95

1941 Wall 6' high 30° NW.

2000 ft

Open to E.

House 20' high 60° S.

Earth Bank 10' high 30° W.

1947 Feb 6 war adj for sea

* Meteorological data
(see 51-60 book).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
1941			Renton	½ mi	SE.	Renton	east ½ mi	SE.

WATERS

RAINFALL at Penton (Carman Filters)

Station No. 5325

51

County of Dumbarton

Observer J. Collier Bay

River Basin Clyde-Leven - 3

Malcolm Ross Esq.

Type of Gauge Glaisher

Annual Average 46.8 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. S
 49.58 " " 35 " 1916-1950 1916-1950 P
 File No.

Diameter	5"	5'								8"	
Height	1' 0"									On roof	
Altitude	292'									32 ft on roof	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.09	5.74	2.28	6.10	3.37	4.26	7.33	6.17	2.10	3.64	
February	3.15	2.40	2.29	4.16	1.56	.98	3.60	2.91	1.73	4.90	
March	3.17	3.65	2.18	3.92	2.87	3.27	4.93	1.59	3.29	2.46	
April	2.63	2.35	2.11	2.82	2.22	1.42	1.72	1.77	3.66	4.55	
May	2.22	2.09	2.43	4.35	3.27	2.23	2.42	3.96	1.94	2.93	
June	2.09	3.87	1.14	3.17	2.59	2.58	2.21	3.57	3.63	3.42	
July	2.95	3.29	5.33	3.32	1.85	4.70	5.24	6.38	3.99	4.58	
August	4.77	4.15	3.58	5.62	1.04	5.51	6.14	6.64	1.03	4.09	
September	4.07	2.82	4.21	7.07	4.30	5.62	3.34	4.71	1.99	3.14	
October	1.36	6.47	3.45	9.59	4.82	4.11	4.94	5.03	5.19	2.68	
November	8.43	2.68	7.71	7.13	2.82	2.27	1.96	2.03	5.91	5.73	
December	7.99	5.49	5.47	6.04	7.24	6.90	6.16	7.08	7.69	5.32	
TOTALS	47.92	45.00	42.18	63.29	37.95	43.91	48.99	51.77	42.13	47.44	
	D	D	D	D	D	D	D	n.p.	n.p.	n.p.	

us 23.4.59. G. leaking. G. on steep slope to S and suspended on railing round clear water tank. Site hopeless. No suitable site at filters. Rec. new at Reservoir 800-900' W (N.G.R. 26/374787).

1958 n.p. site hopeless.

1959 n.p. site hopeless.

1960 n.p. unworth site

383728

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference N.S.(26) 38371718

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1954			Ballock	6 m. S.E.		

Summary of Earlier Records from 10-year Sheets :

1916-1950, P (only) accepted

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓ ✓ but -16	✓ ✓ but 23, -24	✓	✓	