

RAINFALL AT *Dunrobin Cochrane Falls*

Lat. *55° 56'*

Lon. *41° 24' 22"*

County of *Dumfries*

Rain Gauge, by

Observer

J. D. Mackie Esq. C.E.

Clyde - R. bank - etc.

T. L. Rae Esq. C.E. (09)

Diameter ..							5				
Height ...							10				
Altitude ..							4000				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..							5.64	3.07	5.43	6.25	
February ..							3.20	3.36	3.44	2.71	
March							3.80	5.43	4.71	2.12	
April							1.23	2.22	1.57	4.29	
May							6.15	5.19	2.95	3.44	
June							2.09	4.89	2.65	3.24	
July							3.32	3.16	2.91	4.47	
August							4.91	5.97	4.04	3.25	
September ..							2.54	1.87	7.17	2.65	
October							6.36	6.11	2.05	6.32	
November ..							4.46	3.44	3.87	2.71	
December ..							5.50	6.32	4.23	5.19	
TOTALS ..							49.20	51.03	45.02	46.64	

1908 higher station

RAINFALL at Dumtucker Lockno FiltersCounty of Dumbarton Observer T. L. Rae Esq. O.B.River Basin Glyde-Right bank trib. #4.

Rain Gauge, by _____

Diameter ...	5										
Height	1 0										
Altitude ...	400 $\overline{\pi}$										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.78	3.04	3.26	3.23	3.35	2.95	6.31	3.31	5.14	2.25	17.01
February ...	4.23	4.45	4.22	3.70	4.06	5.39	5.98	.84	6.33	.52	13.67
March	2.16	1.52	6.17	5.60	5.64	2.59	1.90	2.23	1.45	3.81	8.89
April	4.94	2.81	2.41	3.34	2.17	3.22	3.84	1.36	.67	2.09	7.96
May	2.46	2.42	1.84	4.12	2.08	1.71	6.19	3.44	2.23	.36	10.22
June	2.43	4.73	4.80	3.23	.77	2.19	2.83	2.83	1.28	4.15	11.09
July	4.33	3.73	2.91	1.41	3.26	5.75	4.61	2.28	4.21	1.16	12.26
August	9.11	3.12	4.46	1.38	4.22	2.55	4.15	3.73	3.62	3.15	14.65
September ..	2.29	2.44	3.31	2.56	2.49	1.87	1.34	2.97	5.44	3.40	13.21
October ...	2.75	3.94	5.16	1.99	1.83	4.33	7.87	6.75	4.36	.97	19.95
November ..	3.69	6.43	4.79	6.21	4.62	2.84	5.21	7.97	5.40	4.94	23.52
December ...	5.05	7.96	8.15	5.98	5.52	4.73	5.34	3.03	4.26	7.94	20.57
TOTALS ...	48.22	49.59	51.48	42.75	40.01	40.12	55.57	40.74	44.39	34.30	175.00

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Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Singers	2mils.	N.			

RAINFALL at Dumtöcher, Cochno FiltersCounty of Dumbarton Observer J. L. Rae Esq. C.E.River Basin Glyde - Right bank, tribut. H (1926) E. J. Collins Esq. C.E.Rain Gauge, by _____ Water Supd. B. G. de Bock.

Diameter ...	5"			5								
Height	1 0			1 0								
Altitude ...	400			400								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...	6.08	8.03	(5.35)	5.42	5.35	4.87	6.26	5.34	9.22	2.12	5.50	63.54
February ...	7.56	1.15	3.85	5.00	1.01	4.11	5.56	2.75	4.61	2.27	.12	37.99
March	3.90	6.07	2.35	1.79	.76	2.71	4.08	4.13	4.55	.99	2.71	34.04
April	2.45	1.05	3.03	3.63	2.43	4.41	2.26	3.06	1.52	.94	1.42	26.20
May	5.26	2.28	4.00	2.16	4.91	7.21	3.23	3.21	2.13	3.10	1.90	39.39
June	3.17	.81	2.07	1.31	2.36	.56	2.43	4.68	5.24	2.78	2.95	28.36
July	5.74	4.72	3.83	5.14	4.15	2.02	2.95	4.42	3.05	3.60	4.03	43.65
August	5.52	7.31	3.08	6.22	4.41	4.35	3.74	7.06	4.18	6.28	6.73	58.88
September...	4.14	1.92	2.70	6.95	4.65	4.30	3.85	4.92	3.38	1.54	4.08	42.43
October	1.64	5.42	2.24	8.20	2.98	3.74	6.87	7.20	7.95	6.27	5.80	58.31
November...	4.93	3.63	3.49	3.99	3.77	.96	6.19	4.34	6.68	7.34	5.96	51.28
December...	3.77	7.05	3.74	4.98	6.42	3.23	2.98	1.47	4.07	10.49	4.55	52.65
TOTALS...	54.16	49.44	39.73	54.79	43.20	42.47	50.30	52.58	56.58	47.72	45.75	536.72
	3	5	3	2	2	2	2	2	2	2	2	

1922. Jan. corrected for snow.

1923. Oct. daily amounts doubtful, but otherwise correct.

1929. Cor'd for W.D.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Singers	2 mi	N			

RAINFALL at Dunrobin (Cochino Fickers)County of DumfriesshireObserver E. T. Collins, P.F. Eng.River Basin H. Clyde - Right Bank

Type of Gauge

Annual Average 44.2 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. Survey
Computation x 11/36

Diameter	5										
Height	1.0										
Altitude	400										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.65	7.61	3.72	5.27	3.18	5.83	4.57	6.34	4.40	(3.0)	47.58
February	5.26	00	4.08	71	5.52	2.38	5.57	2.64	5.32	2.09	33.57
March	1.23	2.34	2.16	2.22	1.97	2.74	1.72	3.24	3.69	4.54	25.85
April	1.97	3.85	2.56	3.13	3.17	1.28	1.95	.51	2.52	2.92	23.86
May	5.48	3.20	2.73	3.05	.56	1.74	1.72	3.94	1.73	1.53	25.68
June	5.16	1.30	1.77	2.46	4.73	2.47	3.71	6.24	2.48	.81	31.13
July	5.16	2.54	4.32	2.46	2.25	4.44	3.36	3.99	6.41	3.58	39.01
August	2.57	2.16	2.09	4.99	2.02	3.49	3.98	2.49	2.83	2.58	30.10
September	1.23	3.94	.57	5.64	6.15	4.58	2.69	4.58	3.08	4.60	37.06
October	3.76	6.97	3.93	7.85	10.27	5.53	3.53	7.95	2.98	6.49	59.24
November	6.80	3.80	2.58	1.40	5.14	3.94	.89	8.33	7.90	4.38	45.16
December	3.87	6.37	1.22	6.02	3.28	6.27	2.83	3.69	2.77	4.24	40.56
TOTALS	46.14	44.08	32.63	45.20	48.24	45.19	36.52	53.94	46.11	40.77	438.82
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1940 Jan. + Feb. corrected for snow.

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

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

Station No. 5337

RAINFALL at Duntocher (Cochro Filters)

41

County of Dumbarton

Observer F. T. Atkins Esq.

River Basin Clyde - Right Bank

J. E. McWilliam Esq.

Type of Gauge Snowden (1944)

Annual Average 44.2 in. based on 27 years obs. re-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	5"				661	343						
Height	1' 0"					1						
Altitude	400'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SUMS	Means
January	1.04	(4.00)	5.49	4.53	(2.77)	5.77	5.02	7.62	5.21	4.05	45.50	
February	3.57	1.80	4.18	1.76	7.75	3.40	(1.00)	4.65	4.55	4.73	37.39	
March	3.02	5.10	2.27	7.4	3.67	2.78	5.47	3.84	2.98	3.11	32.98	
April	1.66	2.84	3.66	3.07	2.35	2.10	6.39	2.80	4.94	3.94	33.78	
May	4.31	2.65	3.50	3.36	4.64	1.72	4.90	2.07	2.74	1.44	31.33	
June	1.22	2.67	4.04	3.73	3.68	3.24	4.12	6.52	1.28	2.03	32.53	
July	3.30	2.92	2.44	3.38	3.77	4.01	4.68	3.39	2.60	4.44	38.23	
August	5.03	5.08	6.57	2.99	2.70	4.03	0.00	7.20	4.79	5.79	44.38	
September	1.83	5.43	2.81	5.41	5.60	6.46	4.98	7.60	2.37	8.61	51.10	
October	5.19	6.36	9.05	4.84	5.92	5.9	3.00	7.03	6.60	3.84	52.42	
November	3.23	0.81	2.55	6.38	.69	6.96	6.19	4.05	4.76	2.94	38.56	
December	2.25	4.67	1.70	7.42	4.09	3.87	2.39	5.32	8.74	1.43	41.88	
TOTALS	35.65	(44.39)	48.26	47.61	47.63	44.93	48.14	62.09	51.56	49.85	480.08	
	d	d	d	d	d	d	d	d	d	d	d	

1942 Jan 20th

40004

40004

20004

1943 Gauge moved 1st August 20 ft. SE, bushes may have been interfering gauge to some extent.

New gauge 1/2/44

1945 Jan. part cold. for snow.

1150 Jan 4th part after as gauge was frozen 28/6/50. Rec 30th lat for snow loss.

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.

BRITISH RAINFALL ORGANIZATION

Station No. 5337

RAINFALL at *Dunton (London Tilbury)* *ad site*

51

County of *Dunbarton*Observer *J. E. McWilliam Esq.*River Basin *Glyde-Right Bank-4**Glyde Canal and District*Type of Gauge *Snowdon**Water Forest*Annual Average *44.2* in. based on *27* years obs. *un-weighted*. Period of average *1881-1915* Ref. *S**46.59 - " 35 - " 1916-1950**1916-1950**P*

File No.

Diameter ...	5"				661	343					
Height ...	1' 0"					1					
Altitude ...	400'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.84	4.18	2.30	5.71	3.25	3.01	6.00	4.33	1.71	3.70	
February ...	2.35	2.45	1.57	5.33	2.18	1.65	3.20	2.82	2.23	3.40	
March ...	3.00	3.34	1.20	2.77	1.56	2.68	4.68	1.00	2.01	2.22	
April ...	2.17	1.92	1.87	2.16	1.99	1.25	1.88	1.66	3.90	3.76	
May ...	2.07	2.31	2.37	4.32	4.50	2.42	2.78	3.18	1.04	2.80	
June ...	2.38	3.07	1.75	3.19	2.89	2.43	2.10	3.61	2.98	2.89	
July ...	3.72	3.15	4.62	3.81	0.89	5.45	4.05	5.47	6.70	3.91	
August ...	5.63	3.53	4.22	5.63	.83	4.77	5.26	5.20	.86	3.40	
September ...	3.70	2.86	3.93	6.64	5.21	5.63	3.25	4.28	1.55	3.34	
October ...	1.34	5.07	2.42	10.04	3.32	3.42	5.54	3.78	4.78	3.12	
November ...	6.59	2.32	6.55	6.68	2.68	2.08	1.92	2.16	5.42	4.94	
December ...	6.21	4.60	4.96	5.99	6.88	5.51	5.13	5.06	6.76	5.44	
TOTALS ...	40.00	38.80	37.76	62.27	36.18	40.30	45.79	42.55	39.94	42.92	
	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>40-30</i>	<i>45-79</i>	<i>42-55</i>	<i>39-94</i>	<i>42-92</i>	
						<i>N.P. (N.W.)</i>	<i>N.P.</i>	<i>N.P.</i>	<i>N.P.</i>	<i>N.P.</i>	

1955. Imp. H. Thomson 28.9. Site on lawn near gutter beds where are N.W. g. wind vane for South gate on upper part of main carriageway & main can. sole repaired (no lon). Correspond to E. line there is a steep drop 15', 8' from gauge. New site chosen where ground slopes up to SE-S-N-N.E. Between SE-N.E. down 60-60, 50-100' away.

1958. n.p. check.

1959. n.p. check.

1961. Limited s.e. of 31/10/60

1960 n.p. check

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference *26/495.737..*

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-(*26/6*) accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓	✓ but d 24	✓	✓ but d 21-22	

RAINFALL at Dunkocher (Bochoe Station) Station No. 5337/1
 County of Dumfries Observer Hydrographic Institute Water Dept.
 River Basin.....
 Type of Gauge.....

51

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

File No.....

Diameter ...				661	344	5'					
Height ...					1	11"					
Altitude ...					51	385'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...						3.19	6.41	4.77	1.82	4.02	
February ...						1.76	3.68	3.39	2.31	3.57	
March ...						2.85	4.96	1.09	2.15	2.34	
April ...						1.34	1.98	1.74	3.93	3.84	
May ...						2.63	2.92	3.41	1.09	2.95	
June ...						2.51	2.26	3.77	2.90	3.02	
July ...						5.56	4.23	5.69	6.80	4.00	
August ...						4.88	5.57	5.32	0.81	3.48	
September ...						5.72	3.48	4.26	1.55	3.31	
October ...						3.52	5.69	3.86	4.90	3.38	
November ...						2.11	2.05	2.21	5.62	5.26	
December ...						5.87	5.75	5.32	6.94	5.65	
TOTALS ...						41.94	48.98	44.87	40.82	44.82	

Annual average 44.03 in. based on 4 yrs. obs. 1956-59. Period of average 1916-50. Ref. 5.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 26/495737

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

Summary of Earlier Records from 10-year Sheets :

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