

RAINFALL AT Paisley Observatory

Lat.

Lon.

County of Renfrew

Rain Gauge, by

Observer Messrs J. & P. Coats

Clyde, L. bank - 2.

Diameter					10						
Height					2			1.10	1.0		
Altitude					107						
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January					7.16			2.63	2.59	2.42	
February					6.15			3.47	.68	2.60	
March					8.18			1.93	3.37	1.32	
April					1.16			2.17	1.83	2.08	
May					3.30			.76	3.61	2.93	
June					1.61			.74	2.53	.58	
July					4.72			2.79	5.21	1.75	
August					2.38			2.95	2.59	4.69	
September...					3.39			3.44	.95	1.18	
October					3.01			1.89	1.69	2.85	
November...					4.40			2.88	5.10	2.02	
December...					6.70			3.01	3.91	3.20	
TOTALS					47.16			28.66	34.06	27.62	

Gauge not so favourably situated as the one at Ferguotie
Gauge too sheltered to be trustworthy.

RAINFALL AT Paisley The Boats Observatory

Lat. _____ Lon. _____ County of Renfrew

Rain Gauge, by _____ Observer D. Buchan
Clyde, L. bank - 2.

Diameter	10										
Height	10										
Altitude	100			107							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.81 5.28	4.03 2.35	3.82	1.86 1.85	6.40	1.12	1.34	1.60	2.55	4.14	
February83 74	.75 79	2.24	4.72 4.57	11.07 4.7	4.3 4.7	14.45 1.80	3.51 3.51	3.16	1.01	
March	2.97 2.33	1.98	.69	2.02 2.01	3.58	2.41	2.32	4.65	1.42	2.27	
April	1.61 1.39	.91 1.07	1.03	1.40	2.67	2.14	.74	2.74	2.52	3.31	
May	3.03 2.68	1.85	4.22	3.07	2.61	.22	.38	2.78	2.34 1.34	3.62 3.62	
June	4.36 2.84	1.48	3.51	2.18	2.55	2.26	2.36	6.53 4.50	2.10	1.55	
July	3.91 2.89	.97	1.84	3.30	2.84	3.44	2.62	2.02	1.00	2.70	
August	2.56 2.38	5.45	7.55 7.55	3.82	4.19	3.99	.96 7.3	5.70	4.86	1.12	
September....	3.86 2.61	4.78	5.31	3.06	.30	1.01	2.89	3.16 2.96	3.97 3.01	4.04	
October	3.29 2.43	4.54	4.03	5.25	3.91	1.73	2.73	2.31	3.22	3.14	
November....	8.14 6.14	4.05	5.24	2.69	3.38	4.07	1.00	2.75	4.57 4.50	5.07	
December	1.23 1.15	7.74	1.97	4.90 4.40	3.51	3.84 3.8	5.66	5.62	6.16	2.81	
TOTALS	42.60 35.58	38.53 28.87	44.45 41.40	38.27 37.75	47.01 47.51	26.66 26.70	24.45 24.07	43.37 40.97	36.87 36.87	34.78 34.78	

1893 Printed from R.G.R. daily values sent subsequently
 by Observer
 1896 Return about six inches too small

Note: Figures in ^{red ink} ~~pen~~ were adopted by S.M.S.
 in 1915 after correspondence with the
 Governor of Boats Observatory.
 (M.O. Edin. letter to Mo.)
 file ref. 497819/36)
 14/11/37

RAINFALL AT Paisley The Coats Observatory

Lat. 55. 50. 43.8 N

Lon. 2. 7. 22.2 W

County of Renfrew

Rain Gauge, by

Observer

D Maclean Esq

Clyde, L. bank - 2.

W Buchanan Esq
J Woodrow Esq
Sect. Met. Soc.

(69)

Diameter ..				10								
Height				1.8								
Altitude ..	107											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	2.21	3.12	3.97	9.59	4.85	2.03	5.25	2.70	6.03	6.44		
February ..		1.60	1.53	9.23	2.90	2.97	3.47	3.96	3.47	2.28		
March33	2.53	2.63	9.02	1.93	4.26	4.67	5.36	5.33	3.52		
April	1.47	2.86	.87	2.32	4.33	2.46	1.70	2.62	1.43	4.31		
May	1.36	1.86	2.17	2.95	2.38	1.56	5.06	4.99	2.93	2.54		
June	2.38	3.06	1.98	2.80	1.36	1.00	1.40	3.46	3.13	3.07		
July	2.54	2.12	2.64	4.10	1.76	2.54	2.82	2.59	2.68	3.13		
August	4.30	3.06	2.76	8.78	4.13	4.15	6.13	5.33	3.54	2.75		
September ..	3.94	3.42	3.48	3.93	4.64	2.52	2.25	1.38	5.26	1.62		
October	6.16	3.64	2.83	9.33	2.19	3.07	7.07	6.60	1.71	6.51		
November ..	5.51	3.03	3.85	3.06	2.21	4.51	4.83	3.64	3.47	3.06		
December ..	9.39	5.05	6.33	4.46	3.81	3.41	4.34	7.30	4.28	5.91		
TOTALS ..		35.35	35.04	69.57	36.49	34.48	48.99	49.93	43.28	45.17		

1900 February incomplete

1907 Glasgow Station

1908 Cor. by wind. file 283927/33

+ Inspected

RAINFALL at Paisley, The Coats Observatory

County of Renfrew

Observer Scot. Meteorological Soc.

River Basin Clyde-left bank tribs. 2.

D. Maclean Esq. (1711)

John Woodrow (1914)

(1913) M.O. Rain Gauge, by M & Z

Diameter ...	10			8								
Height	1	8			1	0						
Altitude ...	107											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUMS MEANS 16-19	
January ...	5.60	3.60	3.61	4.85	3.86	2.74	6.48	2.20	5.51	4.15	18.34	
February ...	5.01	7.72	4.53	3.74	4.60	5.66	5.68	.99	6.72	.89	11.18	
March	2.39	1.61	5.30	5.85	5.37	1.77	1.86	2.31	1.90	4.03	6.10	
April	4.77	3.18	2.01	3.98	2.76	2.74	3.30	1.17	.81	1.40	6.68	
May	2.25	2.77	1.40	3.45	1.89	1.40	4.47	2.95	2.14	.53	10.09	
June	2.27	3.35	5.14	3.53	.48	2.57	1.95	3.38	1.12	4.87	11.32	
July	4.14	2.47	2.82	1.56	2.82	3.10	2.69	2.21	4.16	1.01	10.07	
August	8.14	3.35	3.72	1.37	3.83	1.99	3.42	2.86	2.76	2.33	11.37	
September ..	1.49	1.65	2.62	2.32	1.73	1.22	1.05	2.46	6.67	2.84	13.02	
October ...	2.15	3.85	4.84	2.41	1.62	2.61	8.28	7.83	6.64	.60	23.43	
November ..	3.83	6.70	4.48	6.46	5.88	2.71	4.31	7.93	4.92	4.47	21.13	
December ...	4.82	7.36	10.04	4.43	8.06	5.71	5.33	3.21	4.91	7.08	20.53	
TOTALS ...	46.86	47.61	50.51	43.95	42.90	34.22	48.72	39.50	48.26	34.58	170.76	
	D				D	D		2	D	D		

Sept. 1913. Sq. Rain gauge changed to M. O. pattern & set at 1 ft. above ground.

37: 407
100:110
1916-21

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Gilmour Street					
1912	55° 50' 44"	0° 17' 43"						
1914		4° 26'						

RAINFALL at Paisley, The Coats Observatory

County of *Renfrew*Observer *Observatory Committee, R. Maclean*River Basin *Clyde - left bank tribs. 2.*No. *6* Rain Gauge, by *No. 1*

Diameter ...	8												
Height	1	0											
Altitude ...	107												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.		SURF
January ...	6.05	8.31	5.13	4.86	5.61	5.49	6.68	6.38	10.82	2.18	6.78		68.29
February ...	7.29	1.32	5.01	4.80	7.3	4.08	5.07	2.73	5.08	2.34	.84		38.79
March	4.55	7.07	1.90	2.28	1.00	2.51	3.66	3.13	4.02	.88	3.64		34.64
April	1.42	1.02	2.92	3.46	2.59	5.47	3.03	2.31	1.26	1.03	1.16		25.77
May	4.98	2.53	3.64	1.68	4.81	6.71	2.87	2.56	2.01	3.07	1.84		36.70
June	2.23	.49	1.67	1.18	2.05	1.56	1.91	4.08	5.82	2.67	2.62		25.28
July	4.03	4.22	2.83	3.95	3.20	1.75	2.97	4.06	2.15	2.83	3.39		35.38
August	5.85	6.00	2.57	5.63	3.23	3.30	3.52	6.08	4.47	5.75	4.79		51.19
September...	2.49	1.85	1.83	7.84	4.84	3.08	3.17	6.81	3.44	1.16	4.02		40.53
October	1.42	5.45	2.59	5.74	3.26	4.12	7.02	6.07	7.68	6.82	6.56		56.23
November...	4.74	2.19	2.69	3.65	3.58	.89	6.79	4.20	5.87	7.42	5.19		48.21
December...	5.09	7.22	4.47	4.02	7.76	3.93	1.70	1.54	5.09	10.14	4.90		55.86
TOTALS...	50.14	48.67	37.25	49.09	42.66	41.89	48.39	49.45	57.81	45.79	45.25		516.87
	D	D	D	D	D	D	D	D	D	D	D		

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
1912	55° 50' 44"	4° 26'	Gilmour Street					

RAINFALL at Paisley (The Coats Observatory) M.W.R.County of Renfrew Observer Observatory CommitteeRiver Basin 2-Clyde - Left Bank (G. Woodrow)Type of Gauge M.O.Annual Average 40.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. N.

Diameter	8.											
Height	1. 0.											
Altitude	106.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Sums	Means
January	4.29	7.02	5.05	6.20	1.81	4.58	4.34	7.31	4.94	3.07	48.61	
February	3.77	1.01	3.67	4.43	4.52	1.92	5.05	2.53	5.63	1.66	29.18	
March	1.21	1.82	2.89	2.93	1.83	2.67	1.60	3.11	3.02	4.56	25.64	
April	1.76	3.91	2.07	3.11	3.37	1.19	1.90	.59	1.98	2.23	22.11	
May	4.36	2.98	2.66	2.36	1.60	1.88	1.52	3.43	1.01	.72	21.52	
June	4.91	1.25	2.26	2.17	4.47	1.83	1.84	5.20	1.78	.63	26.04	
July	3.85	2.37	2.98	2.47	1.56	5.78	3.62	3.92	5.02	3.66	35.23	
August	2.15	1.48	2.46	4.14	1.59	2.20	3.52	2.03	2.00	1.94	23.51	
September	1.21	3.92	.86	5.37	6.70	3.83	3.60	3.09	1.52	3.58	33.68	
October	3.17	6.52	2.61	6.35	8.88	4.60	3.52	7.88	2.61	5.34	51.98	
November	7.35	4.00	2.37	1.16	4.63	4.51	0.64	8.15	8.52	6.20	47.53	
December	4.54	8.60	.68	6.11	3.20	6.18	2.83	2.97	2.92	5.07	43.10	
TOTALS	42.57	43.88	30.56	42.80	43.16	40.37	33.98	50.21	40.95	39.16	408.13	
	D.	D	D	D	D	D	D	D	D	D		

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.	55° 30' 43"	4° 25' 49"	Paisley	550 yds.	E.N.E.	High Parish, Paisley.	215 yds.	E.N.E.

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

RAINFALL at Paisley (Coats Observatory) MWR41
 Station No. 5292
 County of Renfrew Observer Observatory Committee
 River Basin 2-Clyde-Left Bank (J. Woodrow)
 Type of Gauge 5

Annual Average 40.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B of N.

File No.

Diameter	8"					661	318				
Height	1'0"						1				
Altitude	106'						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.05	6.64 (2.00)	4.62	4.57	3.42	6.66	4.90	6.61	5.01	3.76	47.24
February	3.66	2.65 (2.90)	5.82	1.63	6.49	3.26	1.66	5.01	5.15	4.72	39.40
March	3.36	2.65 (1.70)	2.88 (2.60)	0.74	3.30	2.57	4.09	4.23	1.39	2.53	27.61
April	1.06 (1.70)	2.38 (3.50)	2.75 (3.40)	2.66	2.42	1.48	6.91	3.09	4.91	3.09	32.04
May	3.05 (.70)	2.92 (2.30)	3.40 (3.00)	3.17	6.21	1.66	4.35	1.57	2.70	1.17	29.65
June	5.9 (2.80)	1.73 (2.30)	3.40 (6.20)	3.61	3.95	2.66	3.22	5.84	.91	1.63	27.25
July	2.55 (1.60)	4.58 (5.10)	2.85 (2.70)	2.92	3.83	3.51	4.23	3.16	2.00	5.84	33.44
August	4.56 (3.80)	4.58 (5.00)	6.08 (8.00)	3.04	1.83	2.68	0.00	6.58	4.58	5.08	39.13
September	1.47 (3.40)	4.58 (5.00)	4.58 (2.20)	4.70	4.69	7.16	5.47	5.84	2.14	8.22	47.62
October	5.77 (3.40)	4.58 (5.00)	4.58 (2.20)	5.83	6.78	.70	2.54	4.88	6.33	3.91	47.47
November	3.34 (2.60)	0.70 (6.30)	2.13	7.64	.37	6.21	6.42	3.69	4.79	3.40	38.82
December	3.34 (2.60)	2.11	2.11	4.32	3.91	4.55	2.23	6.22	8.56	1.40	42.20
TOTALS	31.20 (32.72)	44.45 (42.45)	44.45 (46.70)	44.53	46.20	43.10	46.02	56.72	48.47	44.75	451.87

1943 n.p. low Present site is too sheltered and low wind is almost certainly due to growth of trees to S.W. of gauge. New trees are outside obstructing ground. It is 1/2 in. 1/2 in. has removed or clipped. 25.11.44

1945. Re-visit again for average of 1881-1915

6754 30554 17364

avg. of 5292

1941-1943 months est. by 1930 during cross-casting for averages 1916-50.

460.

* has also Beckley recorder

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

RAINFALL at Paisley (Coats Observatory) Station No. 5292
County of Renfrew Observer (Observatory Committee)
River Basin Glyde - Left Bank - 2 J. Woodrow, Esq.
Type of Gauge M.O. 1954 Obs. Com. (J. Woodrow)

51

Annual Average 40.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Boj N
44.22 " " " " " 1916-1950 P
File No. _____

Diameter ...	8"				661	218						
Height ...	1' 0"					1						
Altitude ...	106'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	5.61	5.40	1.66	5.63	3.23	2.77	6.67	5.85	1.61	3.98		
February ...	3.09	1.39	1.60	4.70	3.44	1.21	3.12	2.78	1.64	4.21		
March ...	3.15	3.01	1.02	2.81	2.02	2.19	4.06	1.00	2.00	2.24		
April ...	2.87	2.04	1.75	1.65	1.98	1.29	1.93	1.12	3.00	4.24		
May ...	1.90	2.27	2.34	3.48	3.44	2.66	2.66	3.30	0.94	2.62		
June ...	2.61	2.93	1.54	3.19	1.92	2.72	2.21	3.16	3.20	2.51		
July ...	2.87	2.08	4.95	2.79	1.27	4.47	3.50	4.89	4.47	3.56		
August ...	5.20	3.33	3.50	5.53	0.96	4.97	3.89	4.06	0.57	3.40		
September ...	3.22	3.56	4.72	5.16	3.88	4.90	2.76	3.89	1.04	3.10		
October ...	0.95	5.11	2.87	9.71	2.93	3.22	4.38	3.89	5.54	3.09		
November ...	6.80	2.01	6.53	7.24	1.93	1.54	1.48	1.66	5.10	5.73		
December ...	7.22	4.45	5.43	5.73	6.84	5.10	6.19	5.37	7.86	5.61		
TOTALS ...	45.49	37.58	37.91	52.62	33.84	37.04	41.85	40.97	36.94	44.29		
	D	D	D	D	D	D	D	D	D	D		

Station inspected by A. MacNiven 15.12.55: Gauge sheltered NW to NE by observatory buildings.

Imp. 1952 cont.
Imp 1958. As 1955 plus gross long. Gaden certainly possible because of uncertainty regarding change of authority.

Position of Station on Ordnance One-Inch map: No. of Map _____ National Grid Reference NS(26) 478.642

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-accepted

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