

RAINFALL at New Cumnock, Ayr SanatoriumCounty of AyrObserver Scot. Meteorological Soc.
(Dr. E. E. Preat)River Basin Nith 13.Snowdon Rain Gauge, by _____

Diameter ...		5										
Height		1	0									
Altitude ...		850										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	(5.50)	4.63	8.55	6.33	4.77	5.52	8.66	3.32	5.45	5.98	23.41	
February ...	8.23	6.96	4.59	4.10	9.21	12.30	6.37	1.29	7.65	.66	15.97	
March	4.86	1.88	6.71	7.05	8.88	2.42	2.55	3.37	1.18	4.01	11.11	
April	4.21	5.23	1.83	4.34	3.82	4.40	4.77	2.61	.96	3.05	11.39	
May	3.87	2.52	1.37	6.55	2.61	1.18	4.84	2.26	2.27	.80	10.17	
June	1.45	2.54	4.96	3.47	.94	1.40	2.82	3.21	2.00	4.30	12.33	
July	5.68	1.96	3.30	.98	3.11	5.36	4.95	1.39	2.67	.90	9.91	
August	9.94	3.01	4.61	1.58	4.01	3.43	3.35	5.90	3.51	3.31	16.07	
September ..	1.40	2.75	3.55	2.79	2.36	1.51	2.46	3.85	8.47	4.92	19.70	
October ...	3.54	6.39	5.25	4.25	1.74	3.09	8.63	11.48	8.33	1.29	29.73	
November ..	4.33	7.34	5.48	7.36	7.74	2.59	7.68	9.34	7.90	5.27	30.19	
December ...	9.11	12.69	9.32	5.75	11.11	7.94	6.20	3.94	6.17	11.45	27.76	
TOTALS ...	(62.12)	57.90	59.52	54.55	60.30	51.14	63.28	51.96	56.56	45.94	217.74	

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1913 Buildings 20 ft high 26 ft SE

9. House. 14 ft high 36 ft SE.
24 ft. > 48 ft. N.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.	55.21.5	4.11	New Cumnock	3 mls.	N.	New Cumnock	3 mls.	N.
1919	>	>	>	2 1/2 (19.67)	>	>	(19.42) m	>
				2 3/4			2 1/2	

RAINFALL at Stanaston. Apz Sanatorium

County of ApzObserver D. E. E. PeckRiver Basin Ruth 13.Snowdon Rain Gauge, by

Diameter ...	5"											
Height	1	0										
Altitude ...	850											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...	9.09	7.30	6.10	3.34	5.43	7.05	8.33	8.31	12.28	1.78	10.15	8016
February ...	7.14	1.06	5.42	6.88	1.17	5.79	4.54	2.52	5.19	1.79	.46	4196
March	8.15	9.73	2.57	2.98	.63	2.20	5.09	4.65	6.70	.81	2.51	4602
April	4.08	2.50	3.29	3.47	3.08	6.83	2.92	3.81	2.44	1.16	2.73	3631
May	8.32	3.81	4.24	3.19	4.29	6.33	3.45	2.90	1.45	5.72	1.86	4556
June	1.78	.83	3.20	2.19	1.93	.32	3.28	4.51	5.05	2.53	2.26	2788
July	3.88	3.80	3.51	4.32	4.49	2.16	4.30	5.88	3.45	5.74	5.36	4489
August	3.75	7.91	3.68	8.39	3.82	3.33	4.82	4.36	5.09	5.96	8.12	5923
September...	2.63	2.23	3.14	10.01	8.33	3.22	4.64	6.49	3.88	1.49	4.88	5094
October	3.81	3.89	2.57	9.13	3.15	6.97	5.94	6.93	10.50	7.46	10.00	7075
November...	4.07	2.76	3.59	6.22	4.00	2.16	7.17	6.22	8.48	9.01	7.57	6125
December...	5.23	8.45	3.61	5.57	8.69	6.58	2.48	2.36	6.01	16.73	6.26	7197
TOTALS...	61.93	54.27	44.92	65.69	49.01	52.94	56.96	58.94	71.52	58.58	62.16	63692
	2	2	2	2	2	2	2	2	2	2	2	110

1921 Building ref. high 36fe. SE.
" " " " 48fe. N.

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
1919	55° 21' 5"	4° 11'	New Cunnock	2 3/4 mi	N	New Cunnock	2 1/2 mi	N.
1929				1 1/2 mi	N	"	2 1/2 mi	N.

RAINFALL at Open Afton (Ayr Sanatorium)County of AyrObserver D. E. E. FrostRiver Basin B-N-HDr. W. A. Murray (1937)

Type of Gauge

Annual Average 53.2 in. based on 12 years obs. un-weighted. Period of average 1881-1912 Ref 5

A. W. S.

Diameter	5"										
Height	1' 0"										
Altitude	850'			830							
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.86	11.11	7.96	9.37	3.63	8.05	11.24	10.23	5.72	1.97	7614
February	6.43	14	6.10	8.1	8.68	3.03	7.03	3.68	10.39	2.00	4829
March	1.38	3.05	4.01	3.72	2.80	3.55	2.09	4.22	5.96	5.49	3627
April	2.70	5.16	2.53	4.57	4.60	1.42	2.93	.83	3.31	2.44	3049
May	3.22	3.23	4.21	4.35	.95	2.48	2.11	3.92	.77	1.55	2679
June	6.58	2.33	2.66	3.11	5.35	2.01	3.00	6.49	2.82	1.41	3576
July	4.45	4.01	5.54	2.89	2.61	7.06	6.01	6.34	3.86	5.49	4826
August	4.21	1.42	2.79	6.46	1.60	2.64	2.44	4.09	1.95	2.99	3059
September	1.41	7.14	1.19	6.85	5.19	2.46	3.31	5.13	1.80	5.84	4332
October	4.78	8.99	3.93	9.28	10.72	5.52	4.91	11.14	3.98	7.41	7066
November	11.31	6.10	2.69	1.33	7.42	5.47	1.14	10.86	12.10	6.96	6538
December	6.70	10.09	1.31	10.02	4.80	9.78	3.19	5.71	3.36	10.08	6506
TOTALS	60.03	62.77	44.92	62.76	59.35	55.47	49.40	72.64	56.04	63.63	57701

1931. House 14' high 36' SE. + 24' high 48' N.
 1934 House 14' high 24' N

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.			New-barnock	2 1/2 m	N.	New-barnock	2 1/2 m	N.

RAINFALL at Glen Afton (Ayr. Saratonium)Station No. 5274

41

County of AyrObserver Dr. W. A. MurrayRiver Basin 13-Nith

Type of Gauge.....

Annual Average 53.2 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref SFile No. X

Diameter	5"				620	278					
Height	1'0"					1					
Altitude	833					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	169	647	7.39	7.14	4.59	7.85	5.70	10.27	5.64	5.16	6250
February	433	(347)	7.11	2.33	8.36	3.41	(.94)	5.13	6.77	5.79	4764
March	362	304	3.05	1.30	3.51	3.53	4.53	6.28	2.40	4.40	3566
April	250	315	4.85	2.93	2.10	2.08	9.17	3.90	6.62	4.53	4183
May	532	366	4.81	3.65	6.13	1.26	5.58	1.57	2.16	1.82	3596
June	149	173	4.45	4.60	4.28	3.15	3.14	6.32	1.00	3.42	3358
July	362	361	2.16	4.26	3.92	4.69	4.51	3.72	2.67	5.38	3794
August	779	542	4.98	3.65	1.70	4.11	0.00	7.23	3.66	5.37	4391
September	274	614	3.65	6.08	9.13	8.39	6.16	5.96	2.37	12.49	6311
October	455	863	9.77	6.80	5.37	.55	2.06	5.38	7.46	5.15	5522
November	547	160	4.64	9.17	0.59	8.35	8.20	4.29	7.78	5.24	5639
December	366	972	3.83	9.75	6.14	5.80	3.42	9.29	12.03	2.80	6644
TOTALS	4678	5670	60.69	61.76	55.82	53.17	63.41	69.34	59.96	61.55	57918

1947 Feb. corr. forward

20004

20004

57.63

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

620278

RAINFALL at

Green Afton (Ayrshire) ^{Station No. 5274}

51

County of

Ayrshire

Observer

J. W. A. Murray

River Basin

13 - 112

Physician-in-charge 1954

Type of Gauge

H.O. 1112/38

Annual Average 53.2 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. S & AWS.
57.45 - " 35 " 1916-1950 1916-1950 P
File No.

Diameter ...	5"				620	278					
Height ...	1'0"					1					
Altitude ...	833'					5'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.02	8.08	2.55	6.30	4.42	3.66	7.03	7.54	2.46	4.55	
February ...	4.50	2.19	1.92	4.43	2.11	1.43	5.59	5.65	1.92	6.00	
March ...	4.46	3.23	1.10	3.96	1.81	3.68	4.16	1.22	4.07	2.00	
April ...	4.26	3.00	3.78	2.36	2.66	1.64	2.36	1.98	4.72	6.89	
May ...	3.12	2.83	3.88	6.09	4.07	2.83	3.20	3.54	1.56	2.08	
June ...	1.51	3.24	1.11	3.39	3.09	4.18	1.78	3.76	3.11	3.50	
July ...	2.88	4.84	5.51	4.79	2.30	5.86	5.28	4.41	5.48	3.66	
August ...	8.42	3.89	3.37	5.45	1.55	8.26	7.02	6.23	1.37	3.41	
September ...	6.16	2.93	7.29	9.46	5.48	5.08	3.49	5.81	1.73	4.23	
October ...	1.00	6.25	5.10	10.05	4.38	4.42	5.88	4.80	8.57	3.78	
November ...	12.08	3.66	7.54	11.35	3.93	3.34	3.06	1.95	7.50	11.62	
December ...	10.60	5.27	5.46	9.35	9.41	7.27	7.37	7.04	9.40	6.70	
TOTALS ...	65.01	49.41	48.61	77.48	46.21	51.65	56.82	54.03	51.89	57.92	
	D	D	D	D	D	D	D	D	D	D	

Imp. H. Thomson 28.9.54 Leak at junction of funnel cylinder & at junction with tube. Repair same day.

Site v. poor. Hill 12', q' 5.5.10. Building 18', 18' S.E., 25', 40' N. ground level.

Waste cham. on lawn to N of main building. Building 20' 5' S, 5' S, 6' 18' W, Wood 300' W. Holly bush 12', 15' N.E. Cam. v. l.e.
 Dec. 4.9.58. ~~Quicker~~ Quicker can badly hole - funnel punctured 3" from top - slight leak at neck
 Holly bush 15' away has been reduced to 1/2. Auth cannot renew g.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NS(26) 6.101

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
	✓	✓	✓	✓	
	✓ last - 10 & 16	✓	✓	✓	