

RAINFALL at New Cumnock, Ayr Sanatorium

County of Ayr

Observer Scot. Meteorological Soc.

River Basin Nith 13.

(Dr E. S. Prest)

Snowdon Rain Gauge, by

Diameter ...	5											
Height	1	0										
Altitude ...	850	b										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	(550)	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	2.56	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	1.89	29.73	
November ..	4.33	7.34	5.48	7.36	7.74	2.59	7.68	9.34	7.90	5.87	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	V115

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1913 Buildings 20 ft high 26 ft S.E.

q. houses. 14 ft high 36 ft. S.E.
34 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 miles $\frac{2}{3}$ (10.6) $\frac{2}{3}$ (4.4)	N.	New Cumnock	3 miles (19.4) $\frac{2}{3}$ (2.2)	N.
1919	?	?	S	>	>	>	<	3

Glenavon.

RAINFALL at B L b, Ayr Sanatorium

County of Ayr

Observer D^r E. E. Prest

River Basin with

Snowdon Rain Gauge, by

1921 Building 14 ft high 36 ft. S.E.
21 ft 4 ft 48 ft N

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

References 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 Cumnock	2 3/4 mi	N	New Cumnock	2 1/2 mi	N.
1939				1 1/2 mi	N		2 1/2 mi	N.

RAINFALL at Glen Afton (Ayr Sanatorium)

County of Ayr.

Observer Dr E. E. Prest.

River Basin 13 - Nith

Dr W. R. Murray (1937)

Type of Gauge

Annual Average 53.2 in. based on 12 years obs. un-weighted. Period of average 1931-1937 Ref. A.W.S.

Diameter	5"										
Height	1' 0"										
Altitude	850'		833								
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	1.14	6.10	8.81	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	.96	2.48	2.11	3.92	.77	1.55	2679
June	6.58	2.33	2.66	3.11	6.35	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	6.19	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	3.38	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 16' high 36' S.E. + 24' high 48' N.

1934 House 16' high 26' N.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1931.			Hew Cumnock	2 1/2 m	N.	Hew Cumnock	2 1/2 m	N.

620278

5274

41

RAINFALL at Glen Afton (Ayr Saracodium)

County of Ayr

Observer Dr. W. A. Murray

River Basin 13-Nith

Type of Gauge

Annual Average 53.2 in. based on 19 years obs. wet-weighted. Period of average 1881-1915 Ref. S

File 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	1.69	6.47	7.39	7.14	4.59	7.85	5.70	10.27	5.64	5.16	6250
February	4.33	(3.47)	7.11	2.33	8.36	3.41	(.94)	5.13	6.77	5.79	4764
March	3.62	3.04	3.05	1.30	3.51	3.53	4.53	6.28	2.40	4.40	3566
April	3.50	3.15	4.85	2.93	2.10	2.08	9.17	3.90	6.62	4.53	4183
May	5.32	3.66	4.81	3.65	6.13	1.26	5.58	1.57	2.16	1.82	3596
June	1.49	1.73	4.45	4.60	4.28	3.15	3.14	6.32	1.00	3.42	3358
July	3.62	3.61	2.16	4.26	3.92	4.69	4.51	3.72	2.07	5.38	3794
August	7.79	5.42	4.98	3.65	1.70	4.11	0.00	7.23	3.66	5.37	4391
September	2.74	6.14	3.65	6.08	9.13	8.39	6.16	5.96	2.37	12.49	6311
October	4.55	8.63	9.77	6.30	5.37	5.55	2.06	5.38	7.46	5.15	5522
November	5.47	1.60	4.64	9.11	0.59	8.35	8.20	4.29	7.78	5.24	5639
December	3.66	9.72	3.83	9.75	6.14	5.80	3.42	9.29	12.03	2.80	6644
TOTALS	146.78	56.70	60.69	61.76	55.82	53.17	63.41	69.34	59.96	61.55	57918 118

1947 Feb. corr. for snow

120004

20004

577.63

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	Parish Church.	Distance from gauge

BRITISH RAINFALL ORGANIZATION

620278

RAINFALL at

~~Glen Afton (ayr ^{Spine} Hospital)~~

Station No. 5274

5274

County of Cayoshire

Observer D. G. A. Murray

River Basin 13 - sites

Observer D. G. A. Murray

After Bush.....

Physician-in-Charge 1954

Annual Average 53.7 in. based on 19 years obs. yr-weighted. Period of average 1911-1915 Ref. S or A.W.S.
57.45 - 35 - 1916-1950 File No. P

Diameter	5"			620	278						
Height	1'0"					1					
Altitude	833'					51					
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	5.89	
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	5.61	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	3.91	
September	6.16	2.93	7.29	9.46	6.48	6.08	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	45.21	51.65	66.82	54.03	51.89	57.92	
	D	D	D	D	D	D	D	D	D.	D	

Prop. M. Thomson 22.9.54 leaf whorls of front & middle = all withers with 6-8. Frontal zone from

Rate v. poor. Miles 12' - 5.5 mi. Bridge 18' - 8.55 mi. Total 12' - 11.5

new site. Nest 12', q 33°W. Building 18', 18° S.E. 25°, 40' N. ground level.
New site clear or lawn to N of main building. Building 20' x 5', back 6' x 18' W. Wood 300' W. Holly bush 15', 15' N. Carmel Rd. Hwy. 4, 9, 58. ~~Ground~~ Cutters can build holes - funnel punctured 3" fronting - slight leak at neck.

Position of Station on Ordinance One Inch map:

No. of Men

National Grid Reference 121 121

Position of Station on Ordnance One-inch map :			No. of Map.....	National Grid Reference (Sect. 1000 x 1000)		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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
	✓	✓	✓	✓	
	✓ but - 10 & 1b	✓	✓	✓	