

RAINFALL at Rydal, The Hall.

County of Westmorland
River Basin River 2
SNOWDON Rain Gauge, by J. Cartelli & Son
M.O. (126) inches

Diameter ...	5										
Height	0.6										
Altitude ...	354										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M.EAN.
January ...	17.78	9.41	8.31	2.47	8.88	12.69	9.79	22.38	3.54	13.84	
February ...	-4.58	1.7	11.16	1.45	10.47	11.66	5.44	10.11	2.14	.57	
March	14.36	5.66	3.99	2.48	2.65	4.89	8.71	7.78	1.45	4.54	
April.....	2.02	4.16	6.79	4.02	8.01	4.86	4.58	3.57	3.33	3.23	
May	5.52	5.03	5.47	8.61	8.24	3.64	4.32	1.53	4.90	2.74	
June	-5.9	3.55	3.18	4.87	-25	4.68	5.39	8.92	3.84	3.35	
July	5.10	10.01	5.74	7.18	2.03	6.46	6.86	10.15	9.01	4.95	
August	9.76	7.53	16.02	6.14	6.67	7.46	8.59	12.17	12.20	11.05	
September...	2.63	6.46	9.52	11.76	7.14	8.54	11.36	6.32	2.72	5.24	
October.....	4.39	3.26	16.97	8.19	10.27	7.71	10.63	14.78	10.66	14.90	
November...	4.66	5.03	12.70	8.69	3.82	13.50	10.90	19.77	18.84	10.85	
December...	16.55	12.80	9.38	17.59	7.39	2.15	2.43	7.64	17.37	10.28	
TOTALS...	83.90	81.07	109.23	89.45	75.82	88.24	89.00	125.72	89.50	85.04	

1921. Shrub 15 ft. high 20 ft. N.

1926. S. moved 12. May, 6 ft. S.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1921.	54° 5' 30"		Windermere	6 mi S.S.E.	Rydal	175 yds. S.

RAINFALL at Rydal (The Hall)

County of Westmorland,

Observer R. E. Porter, Esq.

River Basin Leven-2.

Type of Gauge Standard

Annual Average 82.1 in. based on 8 years obs un-weighted. Period of average 1881-1915 Ref. S

84303/31.

Diameter	5.											
Height	1.0.											
Altitude	354											
Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	Means	
January	8.33	12.98	10.42	13.81	4.19	11.44	11.24	10.27	13.68	4.17	102.03	
February	7.44	2.22	9.02	6.5	15.21	4.45	11.56	5.33	11.66	3.90	69.44	
March	1.27	6.18	6.65	6.40	2.47	4.39	4.02	6.27	4.44	9.18	54.27	
April	3.70	7.66	3.15	5.66	5.76	1.98	4.30	9.0	3.34	2.95	39.43	
May	5.62	5.64	3.50	5.82	7.71	1.48	2.79	7.29	1.33	1.29	35.49	
June	8.64	3.03	2.74	3.56	7.86	7.13	3.45	10.92	6.44	1.52	55.62	
July	7.30	8.60	6.59	2.07	3.09	7.70	4.94	11.16	11.03	8.53	71.01	
August	4.30	1.88	5.47	7.97	5.13	5.03	3.22	5.43	2.74	2.74	43.96	
September	3.93	10.53	1.61	12.12	14.54	9.88	7.65	5.20	3.81	6.73	76.00	
October	7.82	13.03	6.60	13.06	13.62	8.88	4.28	22.43	4.80	10.36	104.88	
November	18.77	7.62	3.15	2.41	8.29	8.51	2.62	15.66	16.21	10.52	93.96	
December	9.47	15.35	1.83	14.29	5.10	14.06	7.72	8.03	4.55	10.26	90.96	
TOTALS	86.89	94.72	60.73	87.32	85.97	84.93	67.79	108.89	87.44	72.15	836.83	
	D.	D.	D.	D.								

1931. Shrub 20' high 26°N.

1957 Shrub 30' high 26°N.

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
1981.			Windermere	6 m	S.S.E.	Rydal	175 yds	S.

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

Station No. 3706

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RAINFALL at Rydal (The Hall)

County of Westmorland

Observer R. E. Porter Esq.

River Basin Lune - 2

Type of Gauge Snowdon

Annual Average 82. Lin. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 84303/31

Diameter	5"			587	060						
Height	1' 0"					1					
Altitude	354'					41					X
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.19	10.28	15.50	11.96	7.04	12.94	9.34	13.92	7.28	6.02	96.52
February	9.81	2.48	6.12	4.66	10.77	6.64	1.03	8.76	8.23	7.88	69.38
March	4.49	3.80	3.04	.86	4.98	5.67	10.58	6.65	3.02	6.05	51.14
April	2.57	4.57	5.21	5.36	4.53	1.94	11.72	3.91	10.00	5.81	56.12
May	4.81	6.84	8.66	4.29	5.69	1.72	4.53	2.77	3.71	2.59	45.61
June	4.9	1.40	6.67	7.18	5.70	7.58	5.33	10.07	1.43	3.73	62.58
July	2.06	5.93	4.29	5.00	6.09	6.95	4.66	4.82	3.87	6.59	48.66
August	10.95	9.71	12.87	5.58	2.38	8.66	1.19	9.62	4.17	11.21	75.84
September	2.27	7.74	10.53	10.45	9.38	14.73	7.11	9.82	2.47	18.55	93.35
October	10.08	10.54	11.37	10.24	10.07	.99	2.09	6.58	18.82	8.10	88.08
November	6.80	2.33	5.91	13.45	.56	14.18	15.56	8.45	12.42	8.26	89.92
December	6.04	13.71	4.49	9.34	5.44	10.82	5.08	9.91	15.92	(4.27)	85.02
TOTALS	62.56	81.33	94.66	88.37	72.63	91.87	77.22	94.68	87.34	75.06	842.22

1941:- Shrub 30' high 26° N.

1947:- " 35°

1950 Small leak in funnel of gauge repaired 6/50.

1950 Shrub 40 ft. high 26° N. See 1950 part not in agreement with observer.

00764 24014

4-3705

dark

rainy

P.W. 31-60

rainy

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
1941			Windermere	6 miles	S.S.E.	Rydal	17.5 miles S.

Station No. 3706

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RAINFALL at Rydal (The Hall)

County of Westmorland

Observer R. E. Porter Esq.

River Basin. Lune - 2

Type of Gauge. Ground

Annual Average 82.1 in. based on 5 years obs. ag-weighted. Period of average 1881-1915 Ref. S
 " 86.05 " " 36 " " within 1921-57 " " 1916-50
 File No. 84303/31

Diameter ...	5"				587	060					
Height ...	1' 0"						1				
Altitude ...	354'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	9.14	7.42	4.62	7.38	7.05	6.69	12.66	10.26	5.99	12.76	83.97
February	7.90	1.48	5.43	6.57	3.24	1.58	8.87	8.96	2.70	11.86	58.59
March	7.74	5.71	1.44	6.40	2.97	3.57	7.62	1.71	5.84	2.12	45.12
April	4.76	5.16	5.00	2.93	3.68	1.66	1.68	2.60	6.41	6.79	40.67
May	2.96	3.97	3.33	4.80	5.20	4.84	4.51	6.18	1.74	3.99	41.02
June	1.99	4.62	5.51	8.63	5.14	3.33	3.24	4.23	6.50	4.49	41.08
July	4.92	4.47	11.11	7.39	3.09	6.90	5.81	5.17	7.80	8.68	65.34
August	8.51	10.03	9.34	10.15	3.42	12.57	8.20	6.21	1.43	4.69	74.55
September	12.25	7.54	13.40	16.29	6.85	6.00	8.67	9.44	1.56	5.44	87.44
October	1.01	9.57	4.03	19.51	5.58	7.40	10.68	10.16	9.62	6.10	83.66
November	17.74	4.80	16.82	16.94	4.04	3.10	3.52	2.66	12.29	16.56	98.44
December	17.06	9.80	6.05	12.47	13.60	13.00	9.90	7.90	17.83	9.75	117.36
TOTALS ...	95.98	74.57	86.08	114.46	63.86	70.14	85.36	75.48	79.71	93.23	843.87
	D	D	D	D	D	D	D	D	D	D	

1951 Shrub 40° 26' N: 1954 Shrub. 50° N, 26° W.

Position of Station on Ordnance One-Inch map :			No. of Map	National Grid Reference ...		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Windermere	6 mi SSE	Rydal	115yd S

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		10	C 1921 ✓	✓	✓ np + q ✓	