

RAINFALL AT

Windermere Brockhole

Lat.

Lon.

County of

Westmorland

Rain Gauge, by

Observer

Leven - 2.

5

1.6

145

Diameter ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...								3.19	10.95	6.50	
February ...								5.54	3.94	5.02	
March								6.89	6.24	5.05	
April								8.13	3.29	4.68	
May								6.61	5.08	3.62	
June								10.23	3.48	2.64	
July								2.89	4.69	7.27	
August								7.24	7.33	3.55	
September ..								1.20	7.73	3.87	
October ...								8.39	3.68	12.16	
November ..								7.16	5.75	3.95	
December ...								9.92	6.92	12.35	
TOTALS ...								72.39	69.08	70.61	

D D D

1907 Wray Church 1 mile W
 Windermere Slaton 2½ S E
 Greenhouse 10' high 30' E

RAINFALL at Windermere Brockhole

3697 10

County of Westmorland Observer W Gaddum Esq.

River Basin Lune 2

Snowdon Rain Gauge, by Cas. & Raptis.

Diameter ...	5										
Height	1.6										
Altitude ...	145										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	9.42	4.80	8.07	7.57	6.60	7.54	10.88	4.15	9.05	9.29	3337
February ...	10.83	11.21	6.06	5.31	10.31	12.84	7.47	1.85	9.25	1.79	2636
March	3.63	2.99	9.92	9.08	7.13	2.67	2.35	3.62	2.94	6.59	1550
April	4.27	4.62	1.81	8.30	1.81	3.86	3.93	2.62	1.37	3.48	1140
May	3.28	3.51	2.80	4.36	2.72	1.47	4.74	3.24	2.62	1.80	1240
June	1.93	4.76	7.47	5.90	1.37	1.24	4.47	3.55	2.61	3.45	1308
July	4.78	1.02	5.71	.97	4.60	6.18	2.72	1.69	6.50	1.84	1275
August	9.61	6.07	7.26	2.42	6.56	3.78	4.19	10.14	5.32	4.82	2647
September ..	.67	6.28	2.67	2.64	4.62	1.20	3.51	5.99	14.00	6.17	2967
October ...	3.77	7.67	9.30	4.83	2.36	2.10	13.42	10.89	9.79	2.1	3651
November ...	6.38	10.83	7.00	8.87	11.08	4.01	(10.24)	6.61	4.82	5.34	2691
December ...	9.08	12.93	12.68	5.92	10.90	12.49	6.25	3.83	11.96	11.54	3360
TOTALS ...	67.65	76.69	80.75	66.17	70.06	59.38	141	58.18	80.23	57.44	27002

† Sept. 1912. Good exposure in kitchen garden overlooking the lake.

1912 Freshwater 10 ft high 30 ft E
 1916 g. moved 100 yds N. 27 XI. 16
 House 50 ft high 40 yds N

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54.24.	2.54	Windermere	2 mi	SE	High Wray	1 mi	W.

RAINFALL at Windermere Brockhole

County of Westmorland Observer W Gaddum Esq.
River Basin Severn 2

Snowdon Rain Gauge, by Pastorelli & Rapkin
U. S. (12b)

1920 House soft-high 40 yds N

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	54° 24'	2° 52'	Windermere	2 mi	S E	Wray	1 mi (across lake)	W

RAINFALL at Windermere (Brockhole)

County of Westmoreland, Observer W. Gaddum, Esq.

River Basin Leven - 2.

Type of Gauge M.O.

Annual Average 66.3 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. 3

Diameter	5.										
Height	1.6.										
Altitude	175.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.56	10.86	6.61	10.05	2.93	8.47	7.53	10.66	10.23	8.94	7.864
February	6.91	.08	6.97	4.6	11.30	3.46	10.30	3.79	8.68	2.63	5.458
March	1.06	5.64	4.29	4.64	2.34	3.83	3.30	3.93	4.58	7.51	4.102
April	2.99	5.77	2.67	4.70	5.25	1.06	3.82	.82	2.69	2.78	3.255
May	4.16	4.77	3.37	4.89	.65	.94	3.01	6.03	1.14	1.20	3.021
June	7.50	2.90	2.57	3.13	6.03	5.44	2.95	7.71	4.16	.96	4.335
July	6.36	5.76	4.51	1.96	2.50	6.38	3.37	9.55	8.49	6.21	5.538
August	4.18	1.48	3.85	7.06	4.71	4.12	3.56	4.38	2.44	1.67	3.775
September	2.56	7.93	1.16	8.90	11.49	7.01	4.35	3.78	3.25	5.52	5.595
October	4.93	10.35	5.04	10.36	11.34	6.35	3.58	17.23	3.64	7.74	8.056
November	13.83	5.88	2.49	1.65	6.36	7.17	2.38	11.83	12.13	8.89	7.211
December	6.38	10.13	1.75	13.22	4.44	10.59	6.07	6.78	3.99	8.44	7.179
TOTALS	68.42	70.94	45.28	71.02	69.34	64.82	54.22	86.49	66.04	57.49	65.609
	D	D	D	D	D	D	D	D	D	D	D

1931. Station 50' high. Wayd. 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
1931.	54 24W	2° 54W	Windermere	2 m.	S.	St. Marys	1 m W.

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

Station No. 3697

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RAINFALL at Windermere (Brockhole)

County of Westmorland

Observer

a) Gaddum ^{1945 Jan}

River Basin

Lune - 2

C. Bateman ^{Aug 1945}

Type of Gauge

21.0 ft (3023/5)
Snowdonia 6' bellum

Annual Average 166.3 in. based on 22 years obs. un-weighted. Period of average 1881-1915

Ref. S
248621/83

File No. 727965/38

Diameter	5"		587	212							
Height	1' 6"				1	0' 8"					
Altitude	175				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.41	8.62	14.43	10.57	(600)	10.32	7.37	11.12	5.12	4.50	8.046
February	9.04	2.70	5.09	4.08	(830)	5.77	8.3	6.59	6.82	8.25	5.747
March	4.44	5.72	2.33	8.8	(440)	4.23	9.25	5.47	2.71	4.46	4.389
April	2.04	4.04	4.25	4.66	(3.80)	1.58	8.36	3.12	7.69	4.70	4.424
May	4.25	5.21	7.04	3.33	(510)	1.78	3.89	2.95	4.09	1.88	3.952
June	.42	.97	4.70	5.05	(4.80)	5.99	5.12	6.63	9.4	2.62	3.724
July	1.80	5.24	5.75	3.85	(4.40)	5.24	3.79	2.99	3.14	6.11	4.231
August	7.23	6.78	10.78	4.34	3.55	5.77	3.30	7.78	3.45	9.94	5.987
September	1.92	6.90	7.08	6.57	6.31	12.57	5.13	7.67	9.5	14.40	7.010
October	7.93	8.33	9.00	8.07	8.31	.84	1.35	5.13	9.59	6.33	6.498
November	6.16	2.44	5.10	9.72	.51	10.89	11.35	6.93	11.43	6.50	7.103
December	4.64	11.57	4.00	9.80	5.04	9.09	4.25	6.92	13.60	3.51	7.242
TOTALS	52.28	68.52	80.15	70.92	(6052)	74.07	60.99	13.25	69.53	73.20	68.343

1944 Record terminated owing to observer's illness

1945. M. Falconer from Station 3023/5 has come to Brockhole (3/5) & reopened this station.

1946 House 60' ^{high} X 20' N. ~~metres~~ 77404

↑ W.M. 3697 Brockhole

Position of Station on reduced Ordnance Survey Map, No. of Map Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1946			Windermere	2 miles	E	Windermere	1 3/4 miles E

Station No. 3697

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RAINFALL at Windermere (Brockhole)

County of Westmorland

Observer

C. Bateman Esq.

River Basin Leven - 2

Type of Gauge Snowdon

Annual Average 66.3 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. 5
 68.64 - 35 - 1916-1950 1916-1950 File No. 248621/33 P

Diameter ...	5"			587	212						
Height ...	0' 8"					1					
Altitude ...	175'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	8.45	6.65	4.30	6.88	6.43	7.50	10.75	9.32	4.27	11.89	
February	7.26	1.20	3.45	6.37	3.02	1.63	7.37	8.33	2.69	8.37	
March	6.58	4.39	.94	4.94	3.05	3.65	6.70	1.92	5.60	2.02	
April	3.87	4.44	4.75	2.56	3.56	1.51	1.57	1.91	6.13	3.92	
May	2.04	3.89	2.85	5.20	4.43	3.98	5.17	6.81	1.94	5.22	
June	1.59	4.33	6.01	6.87	5.69	2.75	2.82	4.98	5.87	3.72	
July	3.21	2.76	7.67	5.59	2.21	6.61	4.83	4.55	7.04	8.28	
August	6.85	8.29	8.89	8.38	3.55	11.50	8.41	6.42	1.12	5.61	
September	7.86	5.73	10.43	14.51	4.80	4.82	8.39	8.56	1.66	5.04	
October	1.16	7.42	4.12	15.83	5.27	6.79	8.85	9.11	9.22	5.95	
November	12.52	3.39	11.30	13.18	4.20	3.04	2.66	2.08	9.98	14.95	
December	14.84	7.21	4.94	10.57	11.43	10.00	8.25	6.14	15.87	8.47	
TOTALS ...	76.23	59.70	69.65	100.88	51.54	63.84	75.77	70.13	71.39	83.44	
	P	D	D	P	n.p.	D	D	D	D	D	

1955: House 40°, 80° N:

1956 Record rec'd late.

X 1956 Record set in 1953a for missing values (In what?) X

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NY 35389009

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1951			Windermere	2 ml	E	Windermere	2 ml E.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d		1910-19 1911	1920-30 1921	1931-40 1931	1941-50 1941	1951-60
	10	✓	✓	✓	✓	✓ n.p.s