

# RAINFALL AT

Windermere Brookside

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Westmorland

Rain Gauge, by \_\_\_\_\_

Observer

W. Gaddumby

Leven - 2.

Diameter ...								5			
Height .....								1.6			
Altitude ...								145			
Year ...	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	4.63	
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	

1907 Wray Church 1 mile W  
 Windermere Station 2 1/2 S E  
 Greenhouse 10' high 30' E

# RAINFALL at Windermere Dockhole

3697 10

County of Westmorland

Observer W Gaddum Esq

River Basin Leven 2

Shawdon Rain Gauge, by Jas. & Raper.

Diameter ...	5											
Height .....	1.6											
Altitude ...	145						175					
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		2036
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	2.45		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		2047
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	3.21		3651
November ..	6.38	10.83	7.00	8.87	11.08	4.01	(10.24)	6.61	4.82	5.24		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	(14.17)	58.18	80.23	57.44		27002

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

1912 fresh house 10 ft high 30 ft E  
1916 g. moved 100 yds N. 27.11.16  
House 50' 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 Way	1 mi	W.

RAINFALL at Windermere BrookholeCounty of WestmorlandObserver H. Gaddum Esq.River Basin Levens 2Snowdon Rain Gauge, by Pastorelli & Raphin  
M.O. (126)

Diameter ...	5											
Height .....	1.6											
Altitude ...	175											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS	
January ...	10.03	13.05	8.80	6.21	6.99	7.54	10.04	7.87	18.74	3.29	11.47	6363
February ...	8.26	16	6.88	9.33	9.2	7.98	9.95	5.08	7.93	2.15	.68	5922
March .....	8.67	9.37	4.29	2.37	2.28	1.69	4.28	6.61	6.91	1.88	3.81	51.56
April .....	6.68	1.70	3.38	5.41	3.24	6.68	3.27	3.51	2.93	2.69	2.67	4216
May .....	7.25	4.70	3.40	4.15	6.82	7.49	2.62	2.94	.98	4.01	2.43	4679
June .....	3.08	24	2.41	1.46	4.11	18	3.43	4.36	7.63	2.76	2.34	3200
July .....	8.98	3.52	6.68	5.53	6.24	1.99	4.71	5.16	7.60	6.48	3.84	6073
August .....	3.86	9.64	5.89	10.55	4.85	5.23	5.95	7.07	8.89	7.77	9.52	7922
September...	3.96	2.11	4.73	7.51	8.92	5.58	6.17	9.30	4.28	2.49	4.14	5919
October .....	3.20	3.57	2.50	13.66	6.15	8.92	6.13	7.60	11.78	8.53	11.43	8286
November...	4.57	4.01	3.85	10.74	5.68	3.30	11.61	8.12	15.01	14.54	8.39	8982
December...	7.61	11.17	9.78	7.38	13.68	6.14	1.91	2.32	6.56	13.57	7.50	8762
TOTALS...	76.10	63.24	62.59	84.29	69.88	62.62	70.07	69.94	98.24	69.66	68.12	79480

1920 House 50ft high 4078 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	54° 24'	2° 52'	Windermere	2 mi	S E	Wray	1 mi	W (reverse lake)



## RAINFALL at Windermere (Brockhole)

County of WestmorelandObserver W. Gaddum, Esq.River Basin Leven - 2Type 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	3.94	7884
February	6.91	.08	6.97	4.46	11.30	3.46	10.30	3.79	8.68	2.63	5458
March	1.06	5.54	4.29	4.64	2.34	3.83	3.30	3.93	4.58	7.51	4102
April	2.99	5.77	2.67	4.70	5.25	1.06	3.82	.82	2.69	2.78	3255
May	4.16	4.77	3.37	4.89	.65	.94	3.01	6.03	1.19	1.20	3021
June	7.50	2.90	2.57	3.13	6.03	5.44	2.95	7.71	4.16	.96	4335
July	6.36	5.75	4.51	1.96	2.50	6.38	3.37	9.55	8.79	6.21	5538
August	4.18	1.48	3.85	7.06	4.71	4.12	3.56	4.38	2.74	1.67	3775
September	2.56	7.93	1.16	8.90	11.49	7.01	4.35	3.78	3.25	5.52	5595
October	4.93	10.35	5.04	10.36	11.34	6.35	3.58	17.23	3.64	7.74	8056
November	13.83	5.38	2.49	1.65	6.36	7.17	2.38	11.83	12.13	8.89	7211
December	6.38	10.13	1.75	13.22	4.44	10.59	6.07	6.78	3.99	8.44	7179
TOTALS	68.42	70.94	45.28	71.02	69.34	64.82	54.22	86.49	66.04	57.49	65409
	D	D	D	D	D	D	D	D	D	D	

1931. House 50' high 140 yds. 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.	54 24 W.	2° 54 W.	Windermere	2 m.	S.	St. Mary's	1 m.	W.

Station No. 3697RAINFALL at Windermere (Brockhole)

41

County of WestmorlandObserver W. Gaddum Esq.

guid 1945 Jan.

River Basin Leven - 2

C. Bateman Esq. Aug 1945

Type of Gauge 21.0 B.H. (1.445 3.023/5) ?  
Snowdon (6.445)Annual Average 46.3 in. based on 22 years obs. un-weighted. Period of average 1881-1915Ref S  
248621/33File 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	(6.00)	10.32	7.37	11.12	5.12	4.50	8046
February	9.04	2.70	5.09	4.08	(8.30)	5.77	.83	6.59	6.82	8.25	5747
March	4.44	5.72	2.33	.88	(4.40)	4.23	9.25	5.47	2.71	4.46	4389
April	2.04	4.04	4.25	4.66	(3.80)	1.58	8.36	3.12	7.69	4.70	6474
May	4.25	5.21	7.04	3.33	(5.10)	1.78	3.89	2.95	4.09	1.88	3952
June	.42	.97	4.70	5.05	(4.80)	5.99	5.12	6.63	.94	2.62	3774
July	1.80	5.24	5.75	3.85	(4.40)	6.24	3.79	2.99	3.14	8.11	4231
August	7.23	6.78	10.78	4.34	3.55	5.77	.30	7.73	3.45	9.94	5987
September	1.92	6.90	7.68	6.57	6.31	12.57	5.13	7.67	.95	14.40	7010
October	7.93	8.33	9.00	8.07	8.31	.84	1.35	5.13	9.59	6.33	6488
November	6.16	2.44	5.10	9.72	.51	10.89	11.35	6.83	11.43	6.50	7103
December	4.64	11.57	4.00	9.80	5.04	9.09	4.25	6.82	13.60	3.51	7242
TOTALS	52.28	68.52	80.15	70.92	(60.52)	74.07	60.99	73.25	69.53	73.20	6834.3
	D	D	D	D	D	D	D	D	D	D	

1944 Record terminated owing to observer illness

1945. H. Bateman from Station 3023/5 has come to Brockhole (3/5) &amp; reopened this station.

1946. House 40' 80' N. ~~not to be used~~↑  
W. M. 3696 H. BatemanPosition 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.
1946			Windermere	2 mds	E	Windermere	1 3/4	E

BRITISH RAINFALL ORGANIZATION

Station No. 3697RAINFALL at Windermere (Brookhole)

51

County of WestmorlandObserver C. Bateman Esq.River Basin Leven - 2Type of Gauge SnowdonAnnual Average 66.2 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. S68.64 ... 35 - 1916-1950File 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 *	6.38 X	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	6.67	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	13.13	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	57.54	63.84	75.77	70.13	71.39	83.44	
	D	D	D	D	n.p.	D	D	D	D	D	

1951 House 40' 80' N:

1956 Record rec'd late.

1956 Record est. in 1956 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 from gauge.	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Windermere	2 1/2	E	Windermere	2 1/2	E.

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
10	✓ Jan-10	✓ Jan-20-24	✓	✓ np 45	✓