

RAINFALL AT Ambleside Gale House

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer G.A. Johnston Esq. M.D.

Leven - 2

Diameter							5"			
Height							10			
Altitude							200	250		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899 MEANS.
January							2.30	8.48	13.09	
February							12.23	8.23	8.39	6.65
March							9.33	11.36	12.41	2.66 6.05
April							4.78	2.95	3.92	6.58 8.20
May							1.58	.76	3.11	3.24 5.83
June							3.85	4.74	5.54	4.41 1.64
July							7.19	7.23	3.35	1.80 3.89
August							7.85	4.26	8.57	11.87 1.72
September							4.05	15.01	6.74	3.97 8.13
October							5.70	8.36	5.15	7.93 7.39
November							7.27	2.29	11.11	11.30 8.52
December							9.90	11.57	15.65	14.55 4.84
TOTALS							80.76	86.08	85.18	75.95

St Mary's Ambleside 1/4 Mile WNW

Wall 6 ft high 13 ft

E

House 24 " 35 "

E

1895-1907

Lat. Lon. County of Westmoreland.

Snowdon Rain Gauge, by Observer G. A. Johnston Esq. M.D.
Leven - 2

Diameter	5										
Height	1.0										587135
Altitude	2507										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MRAH.
January	11.18	5.44	5.15	11.51	9.89	4.60	14.00	3.60	11.45	7.23	8.405
February	7.87	2.29	3.62	11.12	6.79	5.47	5.76	5.94	5.09	4.52	5.847
March	.61	5.95	4.97	11.32	6.60	6.02	5.69	7.60	7.21	5.69	6.166
April	5.54	4.19	3.85	2.60	7.50	6.72	2.24	3.89	3.88	5.08	4.499
May	4.00	1.60	3.67	5.07	4.16	3.26	8.60	6.91	5.58	3.74	4.650
June	5.84	3.50	1.32	2.62	3.12	3.98	2.18	11.10	3.85	3.25	4.076
July	2.26	1.59	3.34	5.88	3.62	3.04	4.20	3.02	4.54	7.35	3.884
August	9.09	6.99	5.35	10.10	5.16	5.94	7.19	6.95	6.98	3.94	6.769
September	6.12	5.09	3.05	7.75	4.62	4.81	2.94	1.48	8.72	4.40	4.898
October	9.68	7.26	6.61	16.62	4.47	4.92	10.26	9.15	3.78	12.67	8.542
November	6.90	11.22	5.66	4.93	6.85	9.68	7.67	7.13	7.25	4.09	7.148
December	16.65	9.40	9.36	6.40	9.38	6.10	6.02	11.51	7.91	13.96	9.669
TOTALS	85.74	64.52	55.45	95.92	72.16	64.54	76.75	78.28	76.34	75.92	745.62 554

St Mary's Church $\frac{1}{4}$ mile N

Winchmore Station 5 . 5

Wall 5 ft high 20 ft E

Note. Moved from Gale House, 150 yards North to Old House, Market Square some time in 1908.

(H.B.C. when inspecting station Sept. 1920)

10³₀₁RAINFALL at Ambleside ~~the Old House~~, Market Square

County of Westmorland

Observer

G. A. Johnston Esq. M.D.

River Basin Lune 2

Snowdon Rain Gauge, by Casella

Diameter ...	5											MEANS. 16-19
Height	1.0											
Altitude ...	180T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January ...	12.36	6.21	8.14	9.46	7.53	8.04	14.03	4.26	9.85	9.76		3790
February ...	12.03	12.46	6.36	6.34	12.04	13.58	8.27	1.85	11.95	1.89		2396
March	4.72	3.42	10.62	10.36	7.68	4.10	2.50	4.77	3.08	1.00		1835
April	4.92	5.37	2.30	8.75	2.28	4.45	4.47	2.85	1.42	3.69		1243
May	3.20	3.02	2.88	4.28	2.83	2.40	4.65	4.00	2.42	1.69		1276
June	4.04	5.99	8.35	6.01	1.72	1.17	4.35	4.01	2.68	2.02		1386
July	5.36	1.18	6.04	1.02	4.75	6.36	3.40	2.13	6.92	2.22		1467
August	10.44	6.46	8.86	2.53	7.08	4.21	3.67	10.94	5.81	4.96		2638
September ..	.88	5.91	3.05	2.83	4.04	1.45	3.35	7.67	15.53	7.70		3425
October ...	4.59	7.60	10.00	5.06	2.74	2.34	14.24	12.64	11.97	2.51		4136
November ..	7.12	12.70	7.62	9.37	13.08	4.39	12.16	8.70	5.31	6.71		3288
December ...	9.69	13.46	14.92	6.90	13.43	13.89	7.97	4.41	14.32	13.17		3987
TOTALS ...	79.35	83.78	89.14	72.90	79.20	66.38	83.06	68.23	91.26	65.12		36767

1912 Wall 10 ft high 30 ft N

Inspected by H. B. 10.9.20. Gauge somewhat sheltered by roses on E. and by tree 25 ft. high 25 ft. South. Obs. from 10 more it 10 ft North to clear these.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54° 28'	3° 6' W	Windermere (NW)	4 $\frac{1}{4}$ mi	SSE	St Mary's, Ambleside	300 yds	W.

RAINFALL at Ambleside Market Square

County of Westmorland

Observer G. A. Johnston Esq M.D.

River Basin Seven 2

~~Galion~~ Snowdon Rain Gauge, by Casella No 3

~~R. von Snowdon~~ Rain Gauge, by Casella No 3
with brass knife edge
Jewel ruby, over an inspexos; wire can good

1. ^t Soda glass by Camille:
2.8% 2.4%
1.05 1.06
0.18 0.18
.005 .006

Diameter ...	57	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
Height	10						13					
Altitude ...	180											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	
January	13.04	16.77	9.47	7.27	8.03	9.11	11.98	9.84	20.52	3.61	13.05	12.74
February	10.05	23	8.07	10.39	1.10	9.69	11.66	5.23	9.34	2.26	.63	6.65
March	9.75	12.15	5.67	2.88	2.18	2.14	4.63	8.31	7.59	1.21	4.08	6.039
April	6.85	1.63	3.28	5.92	3.61	7.39	3.87	14.16	7.35	3.37	2.83	4.626
May	8.28	4.78	4.13	4.69	7.11	8.50	3.08	3.38	1.18	4.21	2.56	5.190
June	3.98	30	3.53	2.23	4.37	.16	4.01	14.99	8.11	3.51	2.68	3.777
July	9.42	3.81	8.12	5.55	6.58	2.13	5.43	5.32	8.84	6.70	4.66	6.651
August	4.44	9.92	6.78	14.61	5.43	5.89	7.20	7.55	10.85	8.59	9.95	9.124
September	4.24	2.30	5.64	8.87	10.75	7.67	7.62	10.03	5.48	3.13	4.34	7.007
October	3.43	4.23	3.66	15.13	7.13	10.71	7.09	9.02	15.43	9.99	14.67	14.029
November	6.18	4.71	4.19	12.59	6.44	3.49	12.96	9.44	17.65	16.85	9.55	10.405
December	8.46	13.62	11.58	9.36	15.50	7.05	2.12	2.33	8.25	16.08	9.24	10.359
TOTALS...	88.12	74.45	73.92	99.49	78.18	73.93	81.65	79.68	116.59	79.51	77.94	92.346

1920 Gauge Inspected H.E.C. 10-IX-20. See Cast sheet

Wall 10 ft high 21 ft N.

+ Ingested R. Cola 5-10-25 Range in small garden, ground sloping slightly to W.
well 10 ft. L, 2 15 ft. N. Recommended walking; another 3 miles in ground.
Boulders 1 1/2 ft. S.E.
House 3 1/2 x 6 ft. E.

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° 28'	3° 6'	Windermere	4 1/4 mi	SSE	St. Mary Ambleside	300 yds	W.

RAINFALL at Ambleside (Market Square)

County of Westmorland,

Observer G. A. Johnston, Esq., M.D.

River Basin Leven - 2.

Type of Gauge

Annual Average 75.1 in. based on 33 years obs. un-weighted. Period of average 1881-1915 Ref. 3

Diameter	5'											
Height	1.0.											
Altitude	180.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	8.73	14.99	9.93	11.98	3.48	10.36	10.81	13.17	12.11	5.84	10.140	
February	7.59	1.19	8.55	6.66	13.80	3.95	12.10	4.74	10.56	3.45	6.559	
March	1.23	5.76	6.43	5.94	2.55	4.32	4.00	5.24	6.12	8.22	4.981	
April	3.11	6.79	2.81	5.21	5.55	1.47	4.04	4.97	3.43	3.14	3.652	
May	4.90	6.22	3.26	5.73	.64	1.25	2.70	6.83	1.23	1.33	3.309	
June	8.27	2.85	2.44	3.14	6.33	6.60	3.38	9.26	5.13	1.03	6.843	
July	6.08	7.98	5.26	1.81	3.24	6.40	3.99	10.47	9.64	6.86	6.197	
August	4.35	1.52	4.68	7.37	4.39	4.39	4.10	4.35	2.40	2.36	3.991	
September	3.12	8.54	1.10	10.49	13.20	8.92	5.39	4.71	3.83	6.60	6.590	
October	6.37	11.11	5.59	11.60	13.19	7.76	3.76	19.61	4.45	9.72	9.316	
November	16.09	6.58	2.34	1.98	7.53	8.32	2.70	14.74	14.46	10.91	8.565	
December	8.49	12.86	1.54	12.51	5.03	13.21	7.08	7.42	4.25	9.78	8.27	
TOTALS	78.33	84.89	53.93	78.42	78.93	77.25	64.05	101.51	77.61	69.18	76.360	
	D.	D.	D.	D.								

1931. Wall 10' high 21' 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.			Windermere	4 $\frac{3}{4}$ m.	S.S.E.	Ambleside	300 yds.	W.

Station No. 3701

RAINFALL at Ambleside (Market Square)

County of Westmorland

Observer G.A. Johnstone Esq. M.D.

River Basin River - 2

Type of Gauge

Annual Average 75.1 in. based on 33 years obs. unweighted. Period of average 1881-1915 Ref. S
 79.48 " " 35 " 1916-1950 1916-1950 P
 File No. 3701

Diameter	5"		587	135							
Height	1' 0"			1						OMIT	
Altitude	180	X			41					V	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.47	9.42	14.67	12.08	7.29	13.08	9.87	14.68	6.90	5.80	9.626
February	10.22	2.74	5.19	4.74	10.49	6.19	1.79	7.16	8.20	9.40	6.612
March	4.72	6.48	2.76	.89	4.77	4.96	11.21	6.50	3.20	5.40	5.089
April	2.11	4.36	4.85	5.04	4.34	1.95	10.53	3.40	9.20	5.70	5.148
May	4.30	5.44	7.63	3.75	5.66	1.56	4.48	2.97	3.80	2.90	4.189
June	.55	1.08	5.18	5.95	5.05	7.00	4.68	9.88	1.50	3.30	6.367
July	1.56	5.14	6.11	4.50	5.16	5.99	4.18	3.39	8.30	6.00	4.593
August	7.73	7.92	11.45	4.83	2.97	8.41	.21	8.27	4.00	10.90	6.669
September	2.08	6.84	8.63	9.43	8.55	13.15	6.07	8.81	2.10	16.60	8.226
October	9.21	9.94	9.77	8.74	9.90	2.32	1.99	6.36	9.80	7.20	7.533
November	6.40	2.01	5.62	13.95	.54	13.66	14.58	7.52	13.80	7.60	8.538
December	5.56	11.93	3.95	10.00	5.68	10.14	4.51	9.27	15.50	4.60	8.104
TOTALS	56.91	73.20	85.61	83.90	78.40	88.41	74.10	87.91	(81.00) (85.90)		786.94

1941: Wall 10' high 30° N.

2000/3700/5

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map Reference No. 35-3700/3

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction	Parish Church	Distance from gauge
1941			Windermere	4.2 miles	S.S.E	St. Mary's Ambleside	300 yds W.