

# RAINFALL AT *Ambleside Gale House*

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

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

County of *Westmoreland*

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

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

*Seven - 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 ft E*

1895 - 1907

# RAINFALL AT *Ambleside Gale House (until 1908)* *near Old House, Market Sq.*

Lat. .... Lon. .... County of *Westmeath*  
*Snowdon* Rain Gauge, by ..... Observer *G. A. Johnston Esq M.D.*  
*Leven - 2*

Diameter ..	5										
Height ....	1.0										
Altitude ..	2507										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
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	3.35	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	4.659
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	7.35	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	74.562 550

Hub

St Mary's Church  $\frac{1}{4}$  mile W  
 Windermere 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. when inspecting station Sept. 1920)

# RAINFALL at Amble-side <sup>Old House</sup> Market Square

County of Westmorland

Observer E. A. Johnston Esq M.D.

River Basin Leven 2

Snordon Rain Gauge, by Casella

Diameter ...	5										
Height .....	1.0										
Altitude ...	180 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	<del>Means</del> 16-19
January ...	12.36	6.21	8.14	9.45	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	1.14	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	2538
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 W

Inspected by H.B. 10.9.20. Gauge somewhat sheltered by roses on E. and by tree 25 ft. high 25 ft. South. Obs. prom. to move 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 LN W	4 1/4 mi	SSE	St Marys Ambleside	300 yds	W.



RAINFALL at *Ambleyside Market Square*County of *Westmorland*Observer *G. L. Johnston Esq M.D.*River Basin *Severn 2*

†  
*Galion Snowdon* Rain Gauge, by *Basella No. 3*  
*with brass high edge*  
*found rusty, outer rim inferior, inner can good condition.*

† *Can be glass by Basella*

Tank checked  
 1st 28 14 27  
 2nd 28 14 27  
 3rd 28 14 27  
 4th 28 14 27  
 5th 28 14 27  
 6th 28 14 27  
 7th 28 14 27  
 8th 28 14 27  
 9th 28 14 27  
 10th 28 14 27

Diameter ...	5												
Height .....	1	0				1	3						
Altitude ...	180												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.		
January ...	13.04	16.77	9.47	7.27	8.03	9.11	11.98	9.84	20.52	3.61	13.05	122.74	
February ...	10.05	23	8.07	10.39	1.10	9.69	11.66	5.23	9.34	2.26	.63	68.65	
March .....	9.75	12.15	5.47	2.88	2.18	2.14	4.63	8.31	7.59	1.21	4.08	66.39	
April .....	6.85	1.63	3.28	5.92	3.61	7.39	3.87	11.16	7.35	3.37	2.83	46.26	
May .....	8.28	4.78	4.13	4.69	7.11	8.50	3.08	3.38	1.18	4.21	2.56	51.90	
June .....	3.98	.30	3.53	2.23	4.37	.16	4.01	14.99	8.11	3.51	2.68	37.77	
July .....	9.42	3.81	8.12	5.55	6.53	2.13	5.43	5.32	8.84	6.70	4.66	66.51	
August .....	4.44	9.92	6.78	14.61	5.43	5.89	7.20	7.55	10.85	8.59	9.95	91.24	
September...	4.24	2.30	5.64	8.87	10.75	7.67	7.62	10.03	5.48	3.13	4.34	70.07	
October .....	3.43	4.23	3.66	15.13	7.13	10.71	7.09	9.02	15.43	9.99	14.47	100.29	
November...	6.18	4.71	4.19	12.59	6.44	3.49	12.96	9.44	17.65	16.85	9.55	109.05	
December...	8.46	13.62	11.58	9.36	15.50	7.05	2.12	2.33	8.25	16.08	9.24	103.59	
TOTALS...	88.12	74.45	73.92	99.49	78.18	73.93	81.65	79.68	116.59	79.51	77.94	323.46	

1920 Gauge Inspected H.B. 10.1X.20. See East sheet

Wall 10ft high 21 ft N.

† Inspected R. B. 5.10.25 Gauge in wall garden, ground sloping slightly to W.  
 over 10ft R. 15 ft N.  
 R. 10ft S. 15ft S.E.  
 Houses 50ft R. 60 ft E.  
 Recommended sitting 9, another 3 miles in ground.

Position of Station on reduced Ordnance Survey } 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° 28'	3° 6'	Windermere	4 1/2 miles	SSE	St. Mary's Ambleyside	500 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. 5

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	.19	8.55	.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	.97	3.43	3.14	3.652
May	4.90	5.22	3.26	5.73	.64	1.25	2.70	6.33	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	6.97
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	84.39	53.93	78.42	78.93	77.25	64.05	101.51	77.61	69.18	76.360
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1931. Wall 10' high 21' N.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Windermere	4 3/4 mi	S.S.E.	Ambleside	300 yds.	W.

Station No. 3701RAINFALL at Ambleside (Market Square) 41County of WestmorlandObserver G. B. Johnston Esq. M.D.River Basin Leven - 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 File No. 226 P

Diameter	5"			587	135						
Height	1' 0"				1						
Altitude	180'				41						
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	9.38	1.50	3.30	4.367
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	7.30	7.533
November	6.40	2.01	5.42	13.95	.54	13.66	14.58	7.72	13.50	7.60	8.538
December	5.56	11.83	3.95	10.00	5.68	10.14	4.51	9.27	13.50	4.60	8.104
TOTALS	56.91	73.20	85.61	83.30	76.40	88.41	74.10	87.91	81.00	85.90	78.674

1941: Wall 10' high 50' N.

2000 ft 3700/5

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map

Reference No. 55-3700-3

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Windermere	4 1/2 miles	S.S.E	St. Mary's Ambleside	300 yds	W.