

RAINFALL AT *Grasmere The Wray*

Lat.

Lon.

County of *Westmorland*

Rain Gauge, by

Observer *W. E. M. Simpson*

Leven - 2.

Diameter ..				5							
Height				1 0							
Altitude ..				221							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..				14.94	13.02	6.04	14.93	4.59	13.81	9.46	
February ..				16.52	8.46	6.65	7.41	7.69	6.38	6.60	
March				15.74	6.77	7.66	7.97	9.80	8.35	6.83	
April				3.19	9.86	8.40	2.58	4.44	3.80	5.55	
May				5.53	4.81	4.11	10.75	8.23	6.19	4.30	
June				2.94	3.14	4.53	3.25	10.28	4.66	3.21	
July				7.14	5.16	2.91	4.64	3.21	6.13	10.13	
August				13.13	7.51	7.31	8.70	8.56	9.66	4.22	
September ..				9.07	5.25	5.66	3.09	1.35	11.03	5.35	
October				20.89	6.23	6.43	14.51	10.47	4.54	16.58	
November ..				6.66	7.96	10.32	9.64	7.97	8.34	5.06	
December ..				8.70	10.66	7.82	6.98	14.20	9.11	17.32	
TOTALS ..				124.45	88.83	77.84	94.45	90.79	91.90	93.61	

1903 *Grasmere Church* 600 yards E by N
Windermere 7 1/4 mile S E
Gauge 300 yards W by S of *Parliament End* *Gauge*.

10 3709

RAINFALL at

Grasmere Thelway

County of Westmorland

Observer Miss J. M. Simpson

River Basin Len 2

Rain Gauge, by

Diameter ...	5											
Height	1.0											
Altitude ...	221 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	13.02	6.80	8.89	12.09	9.06	9.71	16.63	5.06	12.08	11.72		4549
February ...	14.26	16.20	7.12	9.65	12.95	16.70	10.00	1.94	16.41	1.72		3007
March	6.30	4.09	13.62	12.32	9.84	2.58	2.56	4.54	3.80	9.82		1992
April	5.67	7.08	2.50	9.60	3.83	5.87	6.49	3.81	1.49	4.23		1602
May	4.91	5.33	3.82	4.55	4.10	1.98	5.70	5.10	2.45	2.41		1566
June	2.28	6.96	9.29	7.04	2.29	2.84	4.66	4.75	3.15	4.07		1163
July	5.91	1.94	7.71	1.24	5.62	8.18	4.08	2.53	7.09	2.10		1580
August	12.99	7.22	9.72	4.07	6.66	3.86	3.96	14.30	6.95	5.81		3102
September ..	7.20	6.42	3.95	3.31	4.85	1.71	4.44	10.47	18.34	10.04		4349
October ...	6.44	9.52	10.24	6.00	2.50	2.59	19.86	15.01	14.22	2.89		5198
November ...	8.07	14.97	9.83	11.65	15.96	4.97	14.47	10.82	7.42	7.81		4052
December ...	11.94	19.00	19.68	10.16	14.93	15.71	10.23	5.81	15.72	16.35		41804
TOTALS ...	92.52	105.53	106.27	91.68	92.69	77.70	103.08	84.14	109.02	95.40		37060
	D	2	2	2	2	2	2	2	2	2		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
54.27.20	3.1.80		Windermere	7 1/2 M	S.E	Grasmere	600 yds	E.N.

RAINFALL at Grassmere The HayCounty of WestmorlandObserver Miss F. M. SimpsonRiver Basin Severn 2Rain Gauge, by M.O.

Diameter ...	5											
Height	1	0										
Altitude ...	221											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...	15.11	20.41	10.50	8.58	10.36	10.47	14.63	11.74	24.42	3.86	14.54	144.62
February ...	13.00	41	10.08	14.24	1.41	10.74	13.25	6.68	12.42	2.70	.62	855.5
March	11.91	17.74	5.61	4.10	2.77	2.78	5.84	10.20	8.74	1.61	5.68	769.8
April	8.09	2.44	3.19	6.68	4.59	9.22	5.52	5.60	3.65	3.29	3.45	557.2
May	12.05	5.70	5.52	5.67	9.68	8.81	3.82	4.38	1.47	5.12	3.31	655.3
June	3.53	47	3.96	2.75	5.31	.22	4.69	6.04	10.38	3.79	3.73	448.7
July	8.37	4.33	10.50	5.81	7.67	1.97	7.31	7.90	10.36	8.88	4.79	781.9
August	5.86	10.80	7.38	17.10	6.59	6.92	8.29	9.12	12.50	10.96	12.11	1076.3
September...	5.75	3.40	6.91	12.01	13.50	7.23	10.14	13.00	6.34	2.64	5.27	861.9
October	3.97	5.45	3.43	19.14	9.21	12.91	8.10	12.56	16.23	12.13	17.58	1207.1
November...	7.07	5.72	5.13	14.91	9.02	4.31	15.00	11.02	21.72	20.05	11.72	1256.7
December...	10.39	19.41	13.28	11.23	20.74	9.25	2.36	2.41	8.52	19.01	11.27	1278.7
TOTALS...	105.10	96.28	87.99	122.22	100.85	84.83	98.95	100.65	136.75	94.04	94.07	1119.53
	D	D	D	D	D	D	D	D	D	D	D	D

1928. IRON RAILING (3') E of gauge Distance from Iron Gauge (4')

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
	54° 27' 20"	3° 1' 50"	Kindermere	7 1/4 in	SE	Grassmere	600 yds	E by N

RAINFALL at Grasmere (The Wray)County of Westmorland Observer Miss G. M. SimpsonRiver Basin Leven - 2

Type of Gauge

Annual Average 88.5 in. based on 35 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. B. 11

823761/28.

Diameter	5.											
Height	1.0.											
Altitude	221.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	8.92	17.36	12.60	15.28	11.46	12.06	14.02	15.49	14.80	3.41	11840	
February	8.74	11	10.09	8.83	17.97	4.22	12.11	6.05	13.38	3.14	7664	
March	1.34	6.84	7.86	6.82	2.80	5.44	3.80	6.96	8.25	11.28	6139	
April	3.97	9.49	3.37	6.98	6.99	1.81	4.66	1.18	3.43	3.62	4490	
May	5.57	5.81	4.10	7.73	8.5	1.59	2.80	7.35	1.33	2.09	3922	
June	9.41	3.02	3.16	3.72	9.36	6.88	4.48	12.47	6.45	1.22	6017	
July	7.92	9.49	7.49	2.59	3.84	9.13	5.21	10.98	11.33	8.60	7660	
August	4.87	1.79	5.05	9.30	5.20	4.39	3.15	5.99	3.04	3.25	4903	
September	3.46	11.51	13.6	4.75	16.50	11.59	7.45	5.01	3.04	7.92	8059	
October	8.39	14.34	7.49	15.63	14.76	10.92	4.25	25.47	4.04	9.84	11513	
November	20.95	8.25	2.96	2.56	9.33	9.97	2.80	17.06	18.97	12.96	10581	
December	9.52	15.28	1.91	16.19	6.27	13.86	7.17	8.36	6.17	10.31	9504	
TOTALS	93.06	103.29	67.44	99.38	98.33	91.86	73.90	122.37	94.65	77.64	92192	
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1931. Iron railing 3'6" high 4'E.

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	1 1/2 m	S.E.	Grasmere	600 yds	E.

Station No. M. 3709RAINFALL at Glossmore (The Quarry) (Windermere)

41

County of WestmorlandObserver Miss G.M. SimpsonRiver Basin Leven - 2John Abbott Esq. (1945)

Type of Gauge

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Annual Average 28.5 in. based on 25 years obs. un-weighted. Period of average 1881 - 1915 Ref. B. of N.
95.40 " " " " " 1916-1950 1916-1950 File No. 823701/18 P

Diameter	5"										
Height	1'0"										
Altitude	221'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.03	11.74	15.83	14.28	6.91*			65.21			109.09
February	10.89	3.43	7.86	4.86				49.43			76.47
March	4.79	6.11	3.73	1.26				38.89			54.78
April	2.56	5.82	6.06	5.73				39.32			59.49
May	5.99	7.65	7.45	4.56				22.80			48.45
June	6.2	1.52	7.11	8.54				39.86			57.65
July	2.08	6.19	6.37	4.97				32.60			52.21
August	11.50	10.50	13.44	6.22				43.16			84.82
September	2.03	9.43	10.82	10.77				64.91			97.96
October	11.05	12.16	13.25	10.94				42.42			89.82
November	7.95	2.29	6.92	13.75				68.47			99.38
December	6.49	15.31	5.02	11.30				54.77			92.89
TOTALS	67.98	92.15	103.86	97.18				561.84	*		923.01

1941: Iron railings 5½' high 4' E.

1945: 4th 1" gauge moved 1ml. E to stn. to 3709/7.

* 1945-50 from Meadows Snow 3709/7
see factorPosition 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.
1941			Windermere	7 miles	S.E.	Glossmore	600 yds	E.
1945			"	"	"	"	1400 yds	SE

BRITISH RAINFALL ORGANIZATION