

RAINFALL AT Skelwith Fold [Amble-side]

Lat. $54^{\circ} 24' N$

Lon. $3^{\circ} 0' W$

County of Lancashire

Rain Gauge, by

Observer S. A. Marshall Esq

Leven & Co

Diameter	5										
Height	10										
Altitude	333										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	13.73	7.70	9.51	3.68	12.97	3.41	6.91	1.88	9.45	14.47	8.371
February ....	.95	1.36	3.35	12.89	17.10	1.67	6.95	8.17	9.45	7.52	6.941
March	7.19	4.33	2.44	3.73	6.40	7.69	12.55	12.52	3.35	6.76	6.696
April	2.69	3.48	2.20	1.15	2.85	4.55	3.57	3.91	7.27	8.55	4.022
May	3.79	2.70	7.53	3.90	5.91	.83	.74	3.79	4.15	5.93	3.927
June	6.22	2.01	4.55	3.10	4.04	2.04	3.84	6.00	5.23	1.90	3.893
July	6.28	3.61	5.40	5.54	5.43	7.90	7.50	3.96	1.69	4.00	5.131
August	6.72	14.65	11.25	7.96	6.26	8.68	4.37	10.65	11.84	2.43	8.481
September....	7.29	11.27	14.03	6.98	.30	2.48	11.74	7.33	4.59	8.06	7.407
October	5.69	10.70	8.29	10.37	8.55	7.18	10.30	5.26	8.61	7.54	8.249
November....	16.14	8.67	7.81	5.13	13.44	7.98	2.64	12.93	10.49	9.13	9.426
December ....	.64	15.83	5.24	12.30	12.62	8.95	11.35	17.07	16.94	5.08	10.602
TOTALS	77.33	86.31	81.60	76.73	95.87	63.36	82.46	93.47	93.06	81.37	58.156

RAINFALL AT SKelwith Fold [Ambleside]

Lat. _____

Lon. _____

 County of Lancashire

Rain Gauge, by _____

 Observer S.A. Marshall Esq.
Levens 62 months

Diameter	5											
Height	1 0											
Altitude	333											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	13.75	7.83	9.23	3.55	13.05	3.33	6.75	1.75	9.15	14.67	8.306	
February ....	.93	1.34	3.18	12.30	17.10	1.14	6.95	8.15	9.20	7.25	6.754	
March	7.18	4.35	2.32	3.60	6.38	7.83	12.50	12.45	3.10	6.65	6.636	
April	2.73	3.48	2.10	1.14	2.77	4.46	3.44	3.95	7.13	8.40	3.960	
May	3.77	2.63	7.60	3.90	5.82	.75	.69	3.78	3.90	6.20	3.904	
June	6.13	1.95	4.48	3.05	4.03	2.00	3.75	6.00	5.05	1.85	3.829	
July	6.20	3.52	5.43	5.50	5.43	8.15	7.41	3.90	1.64	3.95	5.113	
August	6.71	14.59	11.15	7.98	6.30	8.54	4.36	10.75	11.10	2.43	8.291	
September....	7.36	11.28	13.82	6.92	.30	2.42	11.57	7.33	4.50	8.40	7.390	
October	5.65	10.55	8.20	10.40	8.60	7.20	10.00	5.20	8.68	7.70	8.218	
November....	16.20	8.69	7.65	5.00	13.27	7.82	2.55	12.85	9.95	9.10	9.308	
December ....	.69	15.91	5.20	12.06	12.50	8.99	11.42	17.15	16.70	5.00	10.562	
TOTALS . . .	77.30	86.12	80.36	75.40	95.55	62.63	81.39	93.26	90.10	81.60	82.271	

RAINFALL AT Skelwith Fold [Ambleside] No. 1

Lat. 54° 25' N

Lon. 3° 0' W

County of Lancashire North

Rain Gauge, by

Observer

S. A. Marshall Esq.
Miss Marshall

Seven 2

Diameter ..	5										
Height	1 0										
Altitude ..	333										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	11.95	6.92	6.05	11.45	11.32	5.51	14.26	4.30	12.75	9.43	9.394
February ..	8.11	2.13	3.74	12.32	7.58	5.45	6.77	7.29	5.71	7.14	6.624
March ....	.73	6.10	5.79	11.91	6.88	6.87	6.39	9.02	7.13	5.44	6.626
April	5.52	4.77	3.72	2.85	8.64	6.62	2.84	3.65	3.25	5.10	4.696
May	4.32	1.70	3.91	4.55	4.81	3.64	9.75	7.19	5.84	4.00	4.971
June	6.83	3.83	1.63	2.71	3.49	4.63	2.51	11.72	4.71	2.94	4.500
July	2.50	1.33	3.87	6.58	4.16	3.02	4.84	3.45	5.75	8.39	4.389
August	7.65	7.34	5.38	10.88	6.44	7.30	7.47	7.83	8.80	4.18	7.327
September ..	5.55	5.68	3.92	8.12	5.26	5.26	3.59	1.60	9.45	4.73	5.316
October	9.73	8.36	7.17	15.90	5.08	5.31	11.81	9.34	4.19	14.83	9.172
November ..	8.16	12.16	6.30	5.43	8.49	10.19	7.98	8.47	7.71	4.79	7.968
December ..	18.33	10.28	9.83	6.74	9.28	7.20	6.79	13.24	7.85	14.54	10.408
TOTALS ..	89.38	70.60	61.31	99.44	81.43	71.00	85.00	87.10	83.14	85.51	81.391

1905 Windermere Station

1907 Brathay Church $\frac{3}{4}$ mile W

Windermere Station 7 - SE

Hud

RAINFALL AT Strelwith Fold [Amblecliffe], near

Lat.

Lon.

County of Lancashire North

Rain Gauge, by

Observer S. A. Marshall Esq.

Wm. Marshall

M Leven 2

Diameter ..	5										
Height	10										
Altitude ..	333										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	11.45	7.05	6.35	11.70	11.32	5.67	14.12	4.19	12.62	9.22	9.369
February ..	8.00	2.10	3.50	12.40	7.15	5.40	6.73	7.24	5.56	7.09	6.517
March ....	.65	4.77	5.55	12.96	6.95	7.15	6.40	8.92	7.04	5.25	6.564
April	5.78	4.70	3.66	2.83	8.45	7.25	2.78	3.63	3.20	5.04	4.732
May	4.20	1.68	3.90	4.73	4.60	3.55	9.77	7.09	5.79	3.95	4.926
June	6.80	3.70	1.56	2.75	3.26	4.55	2.52	11.65	4.69	2.83	4.431
July	2.40	1.30	3.77	6.50	3.98	2.92	4.82	3.36	5.68	8.20	4.303
August	7.80	7.50	5.38	10.98	6.25	7.20	7.40	7.72	8.72	4.10	7.305
September ..	5.70	5.60	3.81	8.35	5.17	5.25	3.57	1.57	9.31	4.71	5.304
October	9.90	8.38	7.20	16.98	5.40	5.20	11.71	9.27	4.13	14.86	9.303
November ..	8.30	12.22	6.55	5.45	8.50	9.96	7.94	8.40	7.64	4.76	7.972
December ..	18.33	10.16	10.25	7.30	9.95	7.10	6.56	13.12	7.61	14.49	10.486
TOTALS ..	89.31	69.16	61.48	102.93	80.98	71.20	84.32	86.16	81.99	84.59	81.212

Parthay Church $\frac{1}{2}$ mile NE
 Windermere Station $\frac{1}{2}$ SE
 200 35 ft high 120 ft W
 1906 Shrub 5 ft 15 W

RAINFALL at SKELWITH FOLD [ambleside]County of North LancashireObserver Miss C MarshallRiver Basin Loren + C 2Snowdon Rain Gauge, by Basilla

Diameter ...	5										
Height	1 0										
Altitude ...	333										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	12.29	6.56	8.16	10.30	7.96	8.28	15.04	4.36	10.39	10.74	
February ...	13.53	13.59	6.68	7.12	12.75	13.75	9.03	1.84	13.24	1.90	
March	5.01	4.01	11.72	10.52	8.94	3.03	2.06	3.98	3.39	7.36	
April	5.24	6.06	2.72	8.79	2.32	4.63	4.89	3.39	1.46	3.73	
May	3.93	4.30	3.18	4.29	3.63	1.62	5.18	4.15	2.56	2.06	
June	3.44	5.90	8.28	6.70	1.42	1.87	4.90	3.82	3.13	2.92	
July	5.54	1.24	6.66	1.31	4.74	7.01	4.13	2.27	7.07	1.86	
August	11.94	7.00	8.24	2.85	7.88	4.62	3.47	12.29	6.18	5.54	
September ..	7.6	6.83	3.40	2.80	4.14	1.36	3.79	8.01	16.03	8.46	
October ...	4.70	8.65	10.85	4.97	2.72	2.67	16.44	13.59	13.86	2.51	
November ..	6.93	14.09	8.70	10.81	14.66	4.28	12.74	9.08	5.82	6.23	
December ...	11.22	15.15	16.36	7.44	13.45	14.07	8.21	4.16	15.32	13.89	
TOTALS ...	84.53	93.38	94.95	77.90	84.61	67.19	89.88	70.94	98.45	67.20	
	2	2	2		2	2	2	2	2	2	

+ Inspected by Dr. Mill IX.12. Both gauges cemented into little flat outcrop of rock in kitchen garden. Perfect exposure.
 + Inspected by H.C.C. 23.8.20. Gauges in same position & in good condition.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	54°25' N	3°0' W	Windermere	4 3/4 m	SE	Burghay	3 1/4 m	NE

RAINFALL at Skelwith Fold [ambleside]County of North LancashireObserver Miss C MarshallRiver Basin Leven + C 2Bradford Rain Gauge, by Casella.

M

Diameter ...	5										
Height	1.0										
Altitude ...	333										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	(11.83)	6.47	8.08	10.07	7.97	8.38	15.17	4.60	11.15	10.79	
February ...	13.50	13.54	6.60	6.08	12.75	13.61	8.95	1.87	12.90	1.88	
March	5.00	3.95	11.61	10.79	8.90	3.00	1.96	4.27	3.36	7.39	
April	5.13	5.95	2.68	9.25	2.29	4.83	4.87	3.14	1.44	3.74	
May	3.83	4.24	3.14	4.38	3.64	1.61	5.17	4.15	2.55	1.96	
June	3.39	5.80	8.12	6.80	1.43	1.85	5.10	3.83	3.13	2.95	
July	5.45	1.19	6.56	1.20	4.85	7.03	3.92	2.28	7.03	1.89	
August	11.94	6.90	8.18	2.86	7.92	4.67	3.38	12.44	6.15	4.89	
September ..	.73	6.75	3.39	2.82	3.94	1.29	3.80	8.05	15.19	8.62	
October ...	4.65	8.63	10.72	5.02	2.76	2.65	15.97	13.84	13.91	2.59	
November ...	6.86	13.94	8.54	10.66	14.51	4.35	12.80	9.10	5.69	6.35	
December ...	11.12	15.03	16.33	7.34	13.40	14.15	7.72	4.29	15.19	14.04	
TOTALS ...	83.43	92.39	93.95	77.27	84.36	67.42	88.81	71.86	97.69	67.09	

+ Inspected by Dr. Hill IX.12. Both gauges cemented into little flat outcrop of rock in kitchen garden. Perfect exposure.
 Inspected by H.B. 28.8.20. Gauges in same position and in good condition.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Windermere	6 3/4 m	SE	Barthay	3 1/2 m	NE

RAINFALL at Ambleside, Skelwith FoldCounty of N. LancashireObserver Miss G. MarshallRiver Basin Leven & C. 2On Snowdon Rain Gauge, by Casella† Chas. Moore

Feb.	March
4.55	4.55
3.42	3.42
1.86	1.86
0.65	0.65
0.05	0.05

Diameter ...	5"										
Height	10										
Altitude ...	333										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1930
January ...	12.77	16.78	10.96	8.20	9.08	9.49	12.00	11.19	23.50	3.11	13.66
February ...	10.52	36	8.16	11.15	1.24	9.24	12.13	6.16	9.98	2.85	5.8
March	11.63	13.82	5.92	3.06	2.42	2.28	5.97	8.84	8.83	1.79	4.21
April	6.61	2.10	2.98	5.96	4.11	8.19	4.21	4.83	3.62	3.02	3.23
May	9.38	5.52	4.49	4.40	8.41	9.47	3.23	3.68	1.23	14.57	3.20
June	3.36	3.32	3.64	1.86	4.52	36	4.42	5.38	9.74	3.12	3.53
July	8.84	4.43	8.18	5.83	7.09	1.77	6.24	6.38	9.93	6.24	4.97
August	4.91	10.34	6.90	14.34	6.16	6.36	7.70	7.24	11.19	10.114	11.83
September...	4.93	2.57	5.60	9.62	12.10	7.40	8.46	11.09	5.61	3.53	3.68
October	3.60	4.54	3.75	17.03	7.63	11.08	7.06	9.73	14.71	10.70	15.73
November...	6.67	4.53	4.84	13.69	7.43	3.74	13.17	10.01	19.53	19.61	10.91
December...	9.44	15.01	12.29	10.19	17.30	7.65	2.70	2.40	9.56	16.29	9.09
TOTALS...	92.66	80.32	77.41	105.33	87.49	77.03	87.29	86.93	127.23	85.27	84.62
	D	D	D	D	D	D	D	D	D	D	D

1920 Gauge Impaired H.E.G. 28.8.20. See last sheet

† Impaired R. Bolton 5.10.25.

1926 Jan. estd from surr. stations.

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
1.	54° 25'	3° 0'	Windermere	4 3/4 mi	SE	Braithay	3/4 mi	NE

RAINFALL at Ambleside, Skelwith FoldCounty of N. LancashireObserver Miss G. MarshallRiver Basin Leven & C 2on Bradford Rain Gauge, by Caselle(1925) Snowdon

M

Glen reservoir: see notes on Daily g.

Diameter ...	5"										
Height	10										
Altitude ...	333										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	12.85	16.97	9.40	8.03	9.00	9.60	13.00	10.72			
February ...	10.67	36	8.00	10.95	1.24	9.16	13.35	5.89			
March	11.34	13.78	5.80	3.10	2.53	(2.80)	5.87	8.68			
April	6.56	2.14	2.91	6.18	4.16	8.38	4.11	4.65			
May	9.61	5.58	4.54	4.47	7.91	8.87	3.21	3.68			
June	3.45	31	3.67	1.89	4.39	32	4.57	5.27			
July	8.94	4.47	8.26	5.90	6.95	1.80	6.14	6.30			
August	5.00	10.45	7.04	14.06	5.89	6.56	7.68	7.15			
September...	4.96	2.50	5.27	9.87	12.14	7.21	8.35	10.99			
October	3.64	4.58	3.74	16.83	7.60	11.16	6.95	9.52			
November...	6.72	4.60	4.62	13.15	7.64	3.72	13.22	9.92			
December...	9.19	14.85	11.90	10.30	17.57	7.87	2.57	2.35			
TOTALS...	92.95	80.59	75.15	104.73	87.02	(76.65)	88.82	85.12	NR	NR	#

1920 Gauge inspected H.E.G. 28.8.20. See East sheet.

1923. Not printed - check gauge.

1924. N.P. check gauge.

Inspected R. Colles 5.10.25.

1925. Not printed, check gauge, March estimated.

1926

1927

See previous sheet.

Position of Station on reduced Ordnance Survey }
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Windermere	4 3/4 mi	SE	Brathay	3/4 mi	NE

RAINFALL at Ambleside (Skelwith Fold)County of North LancashireObserver Miss C. MarshallRiver Basin Leven & C. - 2

Type of Gauge

Annual Average 81.0 in. based on 40 years obs. un-weighted. Period of average 1851-1915 Ref. 5

662692/26.

Diameter	5.										
Height	1.0.										
Altitude	333.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	9.40	15.65	7.39	13.08	3.64	10.33	10.07	13.79	11.90		
February	8.72	10.6	11.48	5.54	13.54	3.12	10.88	4.53	9.87		
March	1.35	6.27	14.76	5.94	2.42	4.64	3.12	5.25	4.11		
April	3.32	8.22	3.57	4.51	4.65	1.20	4.06	.88	3.72		
May	5.40	5.49	3.65	6.76	.62	.64	2.70	6.61	1.60		
June	8.85	2.72	3.66	3.57	6.78	4.97	3.48	8.79	5.52		
July	7.83	7.99	6.81	2.21	4.11	7.40	4.47	11.48	11.03		
August	4.87	1.87	4.01	7.96	4.71	5.33	4.10	4.85	2.31		
September	3.10	9.92	1.09	11.93	11.81	8.87	5.99	4.94	3.32		
October	7.28	12.47	5.62	12.17	12.00	7.44	3.77	20.53	3.56		
November	18.04	7.38	2.77	.26	8.43	8.53	2.31	14.36	13.90		
December	8.54	14.08	(1.53)	12.110	4.85	13.17	5.59	7.76	3.32		
TOTALS	86.70 2	92.42 2	56.34 4.	81.33	77.56 2.5	75.64 3	60.54 3	102.77 3	76.16 3	N.R.	

1933 December part estimated by near stations.

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
			Windermere	4 1/2 m	S.E.	Brathay.	1/2 m	N.E.

RAINFALL at Shelwith Fold, Ambleside.

County of Lancashire Observer Miss C Marshall

River Basin Leven &c - 2

Type of Gauge

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

Diameter											
Height											
Altitude											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January									10.96		
February									11.02		
March									(6.10)		
April									3.77		
May									1.56		
June									5.71		
July									10.30		
August									2.46		
September									3.54		
October									3.62		
November									14.82		
December									4.52		
TOTALS									78.38 NP	NR	

1939 N.E. Check gauge.

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.
			Windermere.	4 1/2 m.	S.E.	Brathay.	3/4 m.	N.E.

Station No. M. 3032RAINFALL at Ambleside (Skelwith Tald)

41

County of North Lancashire Observer Miss C. MarshallRiver Basin Lancaster C-2

Type of Gauge.....

Annual Average 81.0 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. 3File No. 662692/26

Diameter	5"										
Height	1'0"										
Altitude	335'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS	N.R.										

1941. N.R. No further communications from Miss Marshall. Assumed T. 11/12/53.

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.

BRITISH RAINFALL ORGANIZATION