

586817

RAINFALL AT Dungeon Ghyll New-Stotel No 1

Lat. 54° 27' N.

Long. 3° 7' W.

County of Westmorland

No 1

Rain Gauge, by

Observer

J. A. Marshall Esq

Leven - 2

Diameter	5										
Height	0.5										
Altitude	310										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	16.97	9.64	12.21	5.86	19.89	5.32	10.19	2.14	14.80	18.04	11.506
February	2.22	2.35	4.46	19.09	25.94	2.56	7.28	12.08	14.88	8.84	9.970
March	11.37	7.83	2.32	5.77	10.42	11.43	14.40	17.15	6.34	7.23	9.426
April	4.16	5.28	3.10	1.67	3.03	7.22	5.55	5.80	9.55	11.27	5.663
May	7.16	5.03	11.03	3.85	7.93	.72	1.09	3.94	5.99	8.36	5.510
June	8.83	2.29	6.83	3.87	5.69	2.01	6.36	7.95	6.73	2.02	5.258
July	7.73	4.70	7.57	7.17	6.81	9.93	8.97	6.06	2.88	4.95	6.677
August	8.60	21.88	13.98	9.41	9.91	12.85	6.04	15.60	17.23	3.02	11.853
September	12.35	15.85	18.04	9.65	.29	2.95	13.93	11.04	8.18	13.28	10.556
October	9.46	15.83	11.71	16.53	12.55	9.24	12.20	8.76	9.53	11.09	11.690
November	23.10	10.52	11.26	9.94	17.22	13.64	4.00	16.20	13.61	14.29	13.378
December97	22.16	7.53	17.08	11.45	13.54	17.16	20.70	21.06	7.34	13.899
TOTALS	112.92	123.36	110.04	109.89	131.13	91.41	107.17	127.42	130.78	109.73	115.385

MET.O.B. RAINMASTER
RETROSPECTIVE SITE REVIEW

586817

NGR: NY(35) 295065

ALT: 310 ft = 94 metres Date of review: 11.1.1975

586818

New Hotel

RAINFALL AT Dungeon Chyll No 2

Lat.

Long.

County of Westmoreland

Rain Gauge, by

Observer J. A. Marshall Esq

Leven - 2

Diameter	5										
Height	17										16
Altitude	311										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	17.00	9.20	12.10	5.75	19.65	4.95	9.85	2.15	14.65	18.10	11.340
February	2.10	2.20	4.35	18.50	25.80	2.50	7.10	11.94	14.78	8.72	9.799
March	11.45	7.90	2.20	5.60	10.20	11.00	13.80	16.95	5.55	7.10	9.175
April	4.20	5.30	3.20	1.60	3.10	7.10	5.45	5.65	9.57	10.25	5.5742
May	6.50	5.35	10.90	3.85	7.70	.65	1.00	4.10	5.96	8.28	5.429
June	9.00	2.30	6.60	4.00	5.60	1.95	6.10	7.90	6.70	1.98	5.213
July	7.90	4.60	7.40	6.80	6.60	9.80	8.50	5.95	2.90	4.05	6.160
August	8.80	22.00	14.20	9.50	9.85	12.90	6.00	15.25	17.75	2.96	11.921
September	12.61	15.75	17.85	9.80	.30	2.80	13.85	9.75	8.50	12.05	10.426
October	9.40	15.65	11.70	16.45	12.50	9.10	11.90	8.01	9.30	10.97	11.198
November	22.95	10.25	10.20	9.85	16.90	12.85	4.10	15.95	13.55	13.87	19.047
December	1.00	21.85	7.40	17.20	10.95	12.45	16.95	20.60	20.76	7.10	13.626
TOTALS	112.91	122.35	108.10	108.90	129.15	88.05	104.60	124.20	129.96	106.43	113.465

MET-O-S RAINMASTER
RETROSPECTIVE SITE REVIEW

586818

NGR: NY(15) 295065

ALT: 311 ft = 95 metres. Date of review: 11.1.79

RAINFALL AT Dungeon Ghyll New Hotel No. 1

Lat. $54^{\circ} 27' N$ Lon. $3^{\circ} 7' W$

County of Westmorland

Rain Gauge, by

Observer S. A. Marshall Esq
Mif C. Marshall

Leven - 2.

No. 1

Diameter ..	5										
Height	0.9		1.0								
Altitude ..	310										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January	12.90	9.71	10.09	17.76	13.70	9.42	19.39	6.86	16.54	10.18	12.658
February	11.03	5.03	4.76	19.78	9.76	9.58	9.33	10.22	8.19	11.37	9.905
March	8.0	5.84	7.79	17.01	9.61	9.01	7.59	13.61	9.81	7.70	8.877
April	7.75	7.55	6.29	4.68	13.64	13.48	3.39	6.11	4.02	6.57	7.248
May	5.32	2.69	4.81	6.53	4.98	5.52	11.39	9.96	6.00	5.85	6.255
June	7.38	5.66	1.41	3.35	4.18	5.45	3.98	11.74	5.30	3.97	5.245
July	3.13	2.05	5.60	8.24	5.50	5.83	6.78	4.60	8.11	13.68	6.352
August	9.70	11.22	6.88	18.71	9.23	7.97	9.93	7.91	12.57	5.28	9.940
September	7.14	7.11	4.84	11.42	6.66	6.05	4.08	1.39	16.79	6.29	7.177
October	14.92	10.60	8.37	25.62	5.81	9.07	16.14	12.03	4.40	17.24	12.450
November	9.76	17.36	9.56	8.82	10.30	12.46	12.09	8.98	8.38	7.20	10.491
December	21.80	14.05	16.11	11.55	10.54	10.38	9.55	13.26	9.62	17.03	13.389
TOTALS	111.63	98.87	86.51	153.47	103.94	104.52	113.64	105.67	109.73	111.86	109.081 2.464

1908 Coniston Station

1909 g. moved 100 yards from the Hotel to a farm adjoining 1. v. 09

In open field with wooden fence 3 ft high + 6 ft x 7 ft to keep off cattle

191

MET.O.B RAINMASTER
RETROSPECTIVE SITE REVIEWREV. SITE
REVIEWED

586817

NGR: NY(35) 295065

ALT: 310 ft = 94 metres. Date of review: 11.1.1979

RAINFALL AT Dungeon Ghyll New Hotel No. 2

Lat. Lon. County of Westmoreland

Rain Gauge, by S. A. Marshall Eng.

Leven - 2. N° 2 M. Mf C. Marshall

Diameter ..	5										
Height ..	1.6			1.0							
Altitude ..	311										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	12.34	9.55	9.96	17.47	13.63	9.56	19.30	6.60	16.05	10.96	12.542
February ..	10.30	4.96	4.20	19.67	10.66	9.49	9.25	10.35	8.54	11.89	9.931
March ..	.85	7.50	7.55	17.10	9.61	8.96	6.44	13.02	9.28	7.50	8.781
April ..	7.59	7.42	6.86	4.57	18.44	12.92	3.50	5.20	4.09	(6.50)	7.200
May ..	4.62	2.54	4.80	6.47	5.13	5.75	10.80	9.85	5.89	(5.02)	6.087
June ..	6.86	5.35	1.54	3.13	3.46	6.45	3.87	11.69	5.27	3.70	5.132
July ..	3.06	1.86	5.49	8.60	5.47	5.77	6.79	4.40	7.97	13.65	6.306
August ..	9.50	11.68	6.76	18.65	9.21	7.97	10.23	9.77	12.03	4.95	10.075
September ..	7.03	7.06	4.56	11.39	6.42	6.15	4.22	1.20	16.39	5.96	7.038
October ..	14.67	10.35	8.32	24.13	6.78	7.14	15.50	11.70	4.06	18.45	12.110
November ..	9.25	16.90	9.12	8.76	10.12	12.26	12.60	8.36	8.29	7.94	10.360
December ..	21.64	13.94	15.50	11.44	10.16	11.25	9.55	13.40	9.27	19.23	13.538
TOTALS ..	107.71	99.11	86.66	151.38	104.09	103.67	(112.05)	105.54	107.13	(115.75)	109.00 254.8

H.G.B.

Chapel Stile Church 2 miles E

Coniston Station 5 1/2 - S

1906 Decl. figures from daily gauge

1909 moved 1.1.09. see note on sheet for daily g. 99. 1ft apart.

May past 3 days estimated

MET.O.B. RAINMASTER
RETROSPECTIVE SITE REVIEW

D. 11TH 586818

NGR: NY(35) 295065

ALT: 311 ft = 95 metres. Date of review: 11-1-79

586817

370710

RAINFALL at Dungeoon Ghyll No. 1

County of Westmoreland.

Observer Mrs Marshall

River Basin 9 December

obr. Mr. Youdell

Rain Gauge, by Casella

1911 Oct 29. g. overflowed. amount est. by monthly g.

+ Inspected by Dr. Mill TR.12. G. in enclosure in field near cottage where observer lives.

Inspected by H.B.C. 1.9.20. No change in exposure. G. sound but no inner can. Rain collected in bottle.

Mrs Marshall asked to provide min car IX. 20.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54° 27'	3° 7'	Coniston	5½ mi	S	Chapelstile	1¾ mi	SE

RAINFALL at Dinscore Ghyll No. 2.

County of Westmorland

Observer Miss C. Marshall

River Basin

Lever 2

Obs. Mr. Youdell

Rain Gauge, by

M

Diamoter ...	5												
Height	10												
Altitude ...	311												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		MEANS.	
January ...	15.82	9.48	11.45	14.25	11.12	13.81	20.37	6.80	14.20	14.07			
February ...	19.15	23.13	8.22	11.07	15.75	19.50	12.61	2.04	18.05	1.85			
March	7.64	6.53	18.87	14.70	13.70	5.10	2.65	6.88	4.10	11.96			
April	7.61	8.88	3.26	10.54	4.55	8.25	8.85	4.58	2.03	5.90			
May	6.55	6.45	5.04	4.60	5.42	1.76	7.23	5.15	2.30	2.40			
June	2.85	8.04	16.80	9.85	1.80	3.90	5.45	5.30	3.90	4.65			
July	7.36	2.05	9.33	1.55	6.20	10.04	5.70	3.60	6.49	3.20			
August	16.27	7.75	11.85	5.65	6.78	4.12	4.51	17.65	7.97	7.86			
September ..	1.09	5.98	5.23	4.94	5.52	1.50	6.10	14.13	21.76	18.10			
October ...	7.24	10.53	11.10	6.31	3.03	3.72	24.65	17.43	17.42	8.56			
November ...	9.69	16.41	12.24	12.65	19.62	5.45	16.20	14.20	9.12	9.92			
December ...	7.55	22.69	22.59	12.72	17.31	18.60	12.50	8.25	20.30	21.10			
TOTALS ...	118.82	127.92	129.98	108.83	110.80	95.74	126.82	106.01	127.64	95.79			

+ Inspected by Dr. Mill T.R. 12. G. 5 inch funnel on 7 inch body set alongside daily g. in enclosure in field.

Inspected by H.S. 1.9.20.

G. in excellent condition - no change in exposure.



Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54°27'	3°7'	Coniston	52 mi	S	Shapewell	1 1/4 mi	SE

RAINFALL at Dungeon Ghyll

County of Westmorland

Observer Miss C. Marshall

G.W. Mr. Youdell

River Basin Lune 2

*On Bradford Rain Gauge, by Castella
scale in inches. Dim. 50^{ft}
M 5:50*

*+ flat bottom gully across 11.10
up 62 miles*

Diameter ...	5'										
Height	1.0					1.3					
Altitude ...	311										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January	19.32	27.02	13.26	12.63	11.12		14.29	13.98			
February	16.75	6.67	12.61	16.12	2.25		15.94	9.54			
March	17.18	21.75	6.41	4.76	3.53		8.32	10.95			
April	9.70	2.72	4.50	7.85	5.77		5.41	6.93			
May	15.62	7.16	6.20	(7.99)	9.26		5.15	6.31			
June	3.98	4.6	4.30	3.68	6.98		5.34	9.13			
July	10.55	4.95	11.05	8.19	8.98		8.82	8.37			
August	5.56	12.48	6.43	21.50	7.96		8.89	11.40			
September...	5.90	3.87	9.17	16.02	16.68		11.87	17.17			
October.....	5.46	6.67	3.99	25.28	9.45		8.55	12.04			
November...	7.70	6.36	5.50	17.55	12.27		14.29	14.83			
December...	11.2	124.04	16.00	12.79	20.42		3.87	3.09			
TOTALS...	128.93	118.15	99.42	(154.36)	114.67		110.84	123.44			

NR. NR. H

1920 Gauge Inspected B.S.G. 1.1X.20. See Cast sheet

1923 not printed, check gauge, May from daily gauge.

1924 N.P. check gauge. 1926 N.P. check

+ Deped R. Corlett x-25. Q. 2 p. NW of daily. Seen to be repaired.

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

Map, 2 miles to 1 inch Series }

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1911	52° 27'	3° 7'	Coniston	5½ mi S		Chapelstile	1¾ mi S E	

RAINFALL at Dungeon Ghyll No 1

County of Westmorland

Observer Miss C. Marshall Obj: Mr Youdell

River Basin Seven I

[†] Car Sonder Rain Gauge, by Caselle
^{1/2 bottom to outer can} Lens: 5.05
Capacity of inner can. 5.00
4.95

^t Also measure broken to 0.4 inch.

Diameter	5										
Height	10										
Altitude	310										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
										M ^{1930.} MEANS.	
January	18.87	26.93	13.43	12.34	11.20	11.44	15.40	14.08	29.53	4.79	15.66
February	16.60	70	12.56	16.39	2.33	12.77	16.06	9.66		3.93	.94
March	16.41	21.67	6.27	4.69	3.51	3.90	8.38	10.85	12.44	1.60	7.31
April	9.68	2.62	4.47	7.68	5.84	11.73	5.43	7.02	4.41	3.70	3.42
May	14.93	7.21	6.61	7.99	9.25	9.67	5.18	6.30	1.79	8.00	4.52
June	4.06	5.6	4.03	3.61	6.85	3.33	5.32	9.10	15.58	3.70	3.79
July	10.04	5.00	10.39	8.27	8.56	2.53	7.88	8.43		8.75	4.32
August	5.53	12.54	6.84	20.72	7.96	2.01	9.00	11.54		13.48	15.81
September	5.97	4.05	9.11	16.08	16.63	9.14	11.16	17.10		3.27	5.88
October	5.55	6.72	4.12	25.26	9.33	12.67	8.64	12.04		14.64	19.10
November	7.61	6.31	5.75	17.46	12.17	6.75	14.61	13.85		21.94	12.04
December	11.05	23.93	16.07	12.76	20.23	12.34	3.80	3.09		24.51	7.86
TOTALS...	126.30	118.24	99.65	153.25	14.16	101.28	111.36	123.06	inf.	112.31 avg	100.64

1920 Gauge Inspected 4 S.C. 1-1X-20. See last sheet

Insected R. Corbin 5-10-25. Located in drain pipe in sloping field (and water free road) S. of front & N. of new house. Small slope of site to S. Near mine can & measure needed.

7-6 5TH 5868-7

NGR: NY(35) 295065

ALT: 310 ft = 94 metres. Date of review: 11/1/78

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

• 200 • 200

D. 6. — M.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1911	54° 27'	3° 7'	Coniston	5 1/2 mi	S	Chapelstile	1 1/4 mi	S E

RAINFALL at ~~New Dungeon Ghyll Hotel No 1~~

County of Westmorland

Observer Miss C. Marshall

River Basin Coen - 2

Type of Gauge

Annual Average 10.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

Diameter	MET.O.B RAINMASTER RETROSPECTIVE SITE REVIEW										586817
Height	NGR: NY (35) 295065										
Altitude	ALT 310 ft = 94 metres. Date of review 11-1-1975										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	11.42	21.86	13.37	14.10	5.77	12.29	16.13	18.34			
February	10.54	.08	12.86	1.09	20.19	5.56	14.54	6.90			
March	7.65	8.84	8.47	7.19	3.43	7.63	4.50	7.67			
April	4.88	9.94	3.54	8.07	7.24	1.99	6.88	1.56			
May	5.85	6.08	3.93	10.22	1.12	.85	2.97	8.92			
June	9.54	4.10	(3.00)	4.06	8.49	5.95	6.70	14.07			
July	9.62	9.80	7.02	2.79	4.55	10.50	6.22	14.51			
August	5.38	2.63	6.20	12.08	5.32	4.54	4.84	7.12			
September	3.25	13.38	1.63	12.85	16.78	12.02	9.21	6.01			
October	10.90	15.80	8.16	18.69	16.55	12.82	5.43	24.76			
November	21.24	8.90	3.10	1.99	11.39	9.91	3.55	19.68			
December	11.26	17.55	1.85	17.80	6.35	11.86	8.35	9.73			
TOTALS	104.53	117.76	(73.13)	107.18	95.62	89.05	139.27				
				112.56							

1931 up old gauge (370711) printed in error.

1931 September. observer says gauge shall be tested, looks like small leak, so far dry.

1938 Hotel under new management & gauge removed Middlefield Farm, 1 mile up the valley

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	Parish Church.	Distance from gauge

586818

3707
31

RAINFALL at New Dungeon Ghyll Hotel (Maythorn) No 2

County of Westmoreland,

Observer Miss C Marshall,

River Basin. Leven - 2.

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Type of Gauge.....

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Annual Average 110.1 in. based on 37 years obs. un-weighted. Period of average..... 1887-1915 Ref. S
662692/26.

1930 Old g. which was checked up and terminated in 1927. 1931 printed in error instead of No. 3707.

1936 - 10. check gauge

1936 - 10. check gauge

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

References No.

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