

586817

RAINFALL AT Duncheon Ghyll New Hotel No 1Lat. 54° 27' NLon. 3° 7' WCounty of Westmorland

No 1

Rain Gauge, by

Observer

S. A. Marshall EsqLeven - 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	6.671
August	8.60	21.88	13.98	9.41	9.91	12.85	6.04	15.60	17.23	3.02	11.852
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	13.278
December ....	.97	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.S. RAINMASTER
RETROSPECTIVE SITE REVIEWNGR: NY(35) 295065ALT: 310 ft = 94 metres. Date of review: 11.1.1919

586817

586818

New Hotel

RAINFALL AT Dunoon Ghyll No 2

Lat. _____

Lon. _____

County of Westmorland

Rain Gauge, by _____

Observer S. A. Marshall EsqLeven - 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	9.145
April	4.20	5.30	3.20	1.60	3.10	7.10	5.45	5.65	9.57	10.25	5.542
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	6.450
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	11.498
November....	22.95	10.25	10.20	9.85	16.90	12.85	4.10	15.95	13.55	13.87	14.047
December	1.00	21.85	7.40	17.20	10.95	12.45	16.95	20.60	20.75	7.10	13.625
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

STD. SIN. 586818

NGR: Ny(15) 295065ALT: 311 ft = 95 metres. Date of review: 11.1.79

5868.7

RAINFALL AT Dungeoon Ghyll New Hotel No. 1Lat. 54° 27' NLon. 3° 7' WCounty of Westmorland

Rain Gauge, by

Observer

S. A. Marshall Esq
Mrs 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	13.78	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	80	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	5.11	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	5.35	6.255
June	7.38	5.66	1.41	3.35	4.18	5.45	3.98	11.74	5.30	3.97	5.242
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	9.27	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

1908 Coniston Station

1909 G. moved 100 yards from the Hotel to a farm adjoining 1.489

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

191

MET.O.S RAINMASTER
RETROSPECTIVE SITE REVIEWHYD. SIN.
1948/9 5868.7NGR: NY(35)235065ALT: 310 ft = 94 metres. Date of review: 11.1.1979

586818

RAINFALL AT Dunoon Ghyll New Hotel No. 2

Lat.

Lon.

County of Westmorland

Rain Gauge, by

Observer S. A. Marshall EsqLeven - 2. N° 2 MMr C. Marshall

Diameter ..	5										
Height	1.6			10							
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	10.542
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	13.44	12.92	3.50	5.20	4.09	(6.50)	7.209
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	104.00 2544

Chapel Stile Church 2 miles E

Corston Station 5 1/2 S

1906 Decd. figs from Daily gauge

1909 moved 1.11.09. see note on sheet for Daily g. 99. 1 ft apart.

May pat 3 days estimated

MET.O.B. RAINMASTER
RETROSPECTIVE SITE REVIEW

ID. NO. 586818

NGR: Ny(35) 295065ALT: 311 ft = 95 metres. Date of review: 11-1-79

586817

370710

RAINFALL at

Dungeon Ghyll No. 1

County of Westmorland

Observer W. J. Marshall
obs. inv. 40

River Basin 2 even 2

obsr. Mr. Yondell

Rain Gauge, by Casella

Diameter ...	5												
Height	1.0												
Altitude ...	310												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	16.45	9.50	10.50	14.04	11.11	13.23	20.23	6.72	14.08	13.91			
February ...	19.21	22.77	7.32	10.94	15.67	18.81	12.10	2.09	17.77	2.02			
March	7.84	6.61	17.33	14.22	13.75	5.25	23.69	6.82	4.11	12.11			
April	7.87	9.07	2.12	9.96	4.62	8.16	8.49	4.52	2.31	5.85			
May	6.72	6.53	4.90	4.69	5.56	1.91	6.91	5.16	2.46	2.57			
June	3.12	7.86	10.24	9.30	1.89	4.12	5.42	5.26	3.97	4.75			
July	7.82	1.97	8.86	1.64	6.07	10.11	6.00	3.57	6.60	2.38			
August	15.65	7.69	11.22	5.73	6.85	4.23	4.61	17.50	8.18	7.35			
September ..	1.01	6.15	5.17	5.05	5.87	1.76	6.15	13.78	21.89	11.88			
October ...	6.50	10.24	11.87	6.47	3.37	3.74	23.89	17.06	17.65	2.83			
November ...	9.86	15.67	11.60	12.40	19.79	5.51	16.09	14.35	9.23	9.73			
December ...	17.33	21.75	20.30	12.27	16.81	18.28	12.45	8.16	20.41	21.23			
TOTALS ...	119.38	125.81	121.42	106.71	111.36	95.10	125.33	104.99	128.66	96.59	113536		

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

† Inspected by Dr. Mill TK.12. G. in enclosure in field near cottage where observer lives.

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

Thurs Marshall asked to provide mine car 1X. 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 Dunrobin Ghyll No. 2.County of WestmorlandObserver Mrs. C. Marshallclass. mm. YardellRiver Basin Leven 2

Rain Gauge, by _____

M

Diameter ...	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	14.09	
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	15.87	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	1.40	3.90	5.45	5.30	3.90	4.65	
July	7.26	2.05	9.33	1.55	6.20	10.04	5.70	3.60	6.49	2.20	
August	16.27	7.75	11.85	5.65	6.78	4.12	4.51	17.65	7.97	7.26	
September ..	1.09	5.98	5.23	4.94	5.52	1.50	6.10	14.13	21.76	12.10	
October ...	7.24	10.53	11.10	6.31	3.03	3.72	24.65	17.43	17.42	2.56	
November ...	9.69	16.41	12.24	12.65	19.62	5.45	16.20	14.20	9.12	9.92	
December ...	17.55	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.R. 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.	Boniston	5 1/2 mi	S	Chapelstile	1 1/4 mi	SE

RAINFALL at Duncon GhyllCounty of WestmorlandObserver Miss C. Marshall

Glas. Mr. Youdell

River Basin Severn 2+ Crookford Rain Gauge, by Gisella

style link in which case. Dim. 50 1/2 x 7 1/2

+ Flat bottom. Ghyll across 11.10
up 6 2 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	6.7	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	4.13				
July	10.55	4.95	11.05	8.19	8.98		8.82	8.37				
August	5.56	12.48	6.43	2.50	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...	11.21	24.04	16.00	12.79	20.42		3.87	3.09				
TOTALS...	128.93	118.15	99.47	154.35	114.67		110.84	123.74				

1920 Gauge inspected H.S.G. 1.1X.20. See last sheet

1923 Not printed, check gauge, may from daily gauge.

1924 N.P. Check gauge, 1926 N.P. Check gauge.

+ Inspected R. Corbion & Co. G. 2 for N.W. of daily. Run to be repaired.

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
1911	54° 27'	3° 7'	Corbiston	5 1/2 min	S	Chapelstile	1 3/4 min	S E

RAINFALL at Dunston Ghyll No 1County of WestmorlandObserver Miss C. MarshallBy Mr. YoudellRiver Basin Severn 2

† See Dunston Rain Gauge, by Giselle
1/2 station to mile. Can
Cipact from 3 miles.
 Dims: 5.05
 5.00
 4.95

† Also name broken to 4 y. incl.

Diameter ...	5"											
Height	10					1.1						
Altitude ...	310											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	MEANS.
January ...	18.67	26.93	13.43	12.34	11.20	11.44	15.40	14.08	29.53	14.79	15.66	
February ...	16.60	7.0	12.56	16.39	2.33	12.77	16.06	9.66		3.93	9.4	
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	14.41	3.70	2.42	
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	8.33	5.32	9.10	15.58	2.70	3.79	
July	10.04	5.00	10.39	8.27	8.36	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	11.66	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	5.75	14.61	13.85		21.94	12.04	
December...	11.05	23.93	16.07	12.76	20.23	12.34	2.80	3.09		24.51	7.86	
TOTALS...	126.36	118.24	99.65	153.25	14.16	101.28	111.36	123.06	inf.	112.31	100.64	
	D	D	D	D	D	D	D	D	D	D	D	

1920 Gauge Inspected H. B. 1-1X-20. See last sheet

† Inspected R. holes 5.10.25. R. coated in drain pipe in sloping field (with wooden fence round 9/10 S. of farm - N. of new house. Gentle slope of site is to S. New main can measure needed.

MET. O.B. RAINMASTER
RETROSPECTIVE SITE REVIEW

NO. 586817

NGR: NY(35) 295665

ALT: 310 ft = 94 metres. Date of review 16.1.75

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1911	54° 27'	3° 7'	Conistone	5 1/2 min	S	Chapelstile	1 1/4 min	S E

RAINFALL at *New Dungeon Chyke Hotel No 1*County of *Westmorland*Observer *Miss C. Marshall*River Basin *Green - 2*

Type of Gauge

Annual Average *110.2* in. based on *35* years obs. un-weighted. Period of average *1881-1915* Ref. *S*

Diameter	5											
Height	1 1											
Altitude	310											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	11.42	21.36	13.37	(15.73) 14.40	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	.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	9.90	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	4.57	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	17.35	1.85	17.80	6.35	11.56	8.35	9.73				
TOTALS	104.53	117.76	(73.13)	112.56 107.93	107.18	95.62	89.05	139.27				

1931 up old gauge (3707/1) printer in error.
 1931 September. Observer says gauge shade defective, looks like sunlit hole, so few days.
 1932. Hotel under new management & gauges removed to Middlecliffe 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at ^{New} ~~Nor~~ Dungeon Ghyll Hotel (Mayfield) No 2County of Westmorland,Observer Miss C. Marshall,River Basin Leven-2

Type of Gauge

Annual Average 110.1 in. based on 37 years obs. un-weighted. Period of average 1881-1915 Ref. S

662692/26.

Diameter	5.											
Height	1.1.											
Altitude	310.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	11.50	22.17				12.40	16.55					
February	11.00	.00				5.50	14.40					
March .....	.75	8.27				7.69	4.57					
April	5.00	10.10				1.98	6.80					
May	5.70	6.08				.85	2.67					
June	9.80	14.10				6.06	6.60					
July	9.60	9.70				10.49	5.42					
August	5.37	2.51				4.64	4.38					
September	3.30	13.40				12.09	9.10					
October	10.60	15.75				12.76	5.50					
November	21.35	9.00				10.00	3.43					
December	11.16	17.40				12.00	8.46					
TOTALS	105.13	118.48	N.R.			96.46	87.88					

1931 Old g. which was checked up and terminated in 1927. 1931 printed in error instead of No 3707.
1936 n.p. 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