

RAINFALL at Killington Reservoir

County of Westmorland

Observer J. H. Thrusden Esq. C.I.

River Basin Kent 3.

J. G. T. Adams, Esq. ('26)

Slope Rain Gauge, by
Gauge

L.M.S Rly.

Diameter ...	8										
Height	2.8							2.8	1.0		
Altitude ...	674										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN:
January ...	8.67	5.65	5.58	4.74	3.82	6.01	4.55	11.25	1.03?	8.06	
February ...	4.42	5.00	5.99	5.54	5.03	6.64	3.45	7.24	.97	.38	
March	5.64	3.00	2.49	2.02	1.40	2.42	4.75	3.92	1.71	2.78	
April.....	.87	2.58	4.08	2.15	4.26	1.90	2.90	1.94	2.44	2.86	
May	3.48	3.09	2.94	7.43	5.34	2.33	2.53	.88	2.61	1.89	
June23	3.12	1.28	5.23	.35	2.70	4.29	8.24	2.65	3.34	
July	1.90	5.80	4.91	5.71	2.22	5.31	4.94	8.92	5.78	5.84	
August	7.27	5.62	6.89	4.44	4.38	4.21	7.93	8.71	8.35	7.16	
September...	2.46	4.49	6.43	6.06	4.07	6.09	6.78	3.37	2.69	3.77	
October.....	2.36	1.64	7.89	5.67	5.79	2.72	4.91	6.45	7.88	10.14	
November...	2.63	2.73	8.78	4.10	1.87	6.17	6.95	7.90	9.42	5.88	
December...	6.94	5.48	4.55	8.28	3.87	1.38	1.08	3.36	7.37?	4.75	
TOTALS...	42.9	48.18	61.81	56.92	42.40	47.88	55.06	72.18	52.70	56.85	

1921. open field

Now & open to Reservoir, some

Young trees : high up West

Tall trees : 30ft. East

1923. Buildings 20ft high 45° N - S.E.

Trees & Buildings 12 to 20ft high 60° S.

Rejected from Survey : S too low

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
1921	54° 18' 28" N	2° 27' 27" E	Kendal	3 mi	E

RAINFALL at Killington Reservoir.

County of Westmorland, Observer L. M. S. Rly.

River Basin Kent - 3.

Type of Gauge Glazebrook MO.

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

756496/27.

Diameter	8.					5"					
Height	3.4		1' 0"			1' 0"					
Altitude	674					670					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.27	6.41	2.95	6.03	1.70	5.30	4.28	7.33	5.21	2.51	45.99
February	3.90	.08	4.32	.26	5.87	2.26	7.33	2.96	6.08	2.16	35.22
March	1.15	3.25	2.89	2.49	1.37	3.02	1.58	3.16	2.89	6.22	28.02
April	3.09	3.73	2.06	3.23	4.08	1.12	3.55	.71	2.66	1.68	25.91
May	2.99	6.06	2.82	4.65	.56	1.55	3.01	5.58	.48	1.07	28.07
June	9.58	2.97	2.84	3.59	5.10	3.45	3.51	6.17	4.40	1.14	41.75
July	6.55	6.26	4.16	2.95	3.06	5.73	3.42	6.59	7.63	6.67	53.02
August	4.23	1.40	2.70	5.63	3.40	4.49	2.49	4.82	3.17	2.15	36.48
September	2.50	6.65	1.05	5.07	9.32	6.46	5.58	2.05	2.75	4.48	46.91
October	4.39	7.34	5.35	7.99	5.75	4.93	1.90	13.10	1.09	5.88	57.72
November	8.95	3.42	1.85	.84	4.29	5.31	1.55	7.68	8.00	6.57	47.46
December	4.15	4.33	.81	7.02	2.48	7.73	3.58	6.13	3.33	4.97	44.58
TOTALS	55.75	60.90	33.80	49.75	46.98	51.35	41.78	65.33	47.99	44.50	48813
	D.										

1931. Buildings 20' 0" high 45° SE. Trees buildings 12' 0" - 20' high 60° S.
 1935. Site unsuitable 10/9. Gauge (Glazebrook) old and leaking. New standard 9. recommended near q. to be put up in new site selected near keepers cottage & to be surrounded by low wall. Present site over exposed.

1934 Building 21' 6" high 63° S.E. Trees 10' to 40' high 50° N.E. Stone Wall 5' high 80° SE.

1936. Building 21 1/2' high 145° S. Stone Wall 5' high 80° S.E.

Trees 10' - 40' " 50° N. New MO gauge

Rejected from survey as 8° too low. Survey re-sighted to bring g to 1 ft. May/33.

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	Direction
1931.			Oscenholme	4 3/4 m	N.W.	Killington	2 2/3 m	S.

Station No. 3714

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RAINFALL at Killington Reservoir

County of Westmorland

Observer

P.M.S. Ry Co.

River Basin Kent - 3

British Railways

Type of Gauge M.O.

Dens & Inland Waterways

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

29.8 computed by Mr Cram (1940)

+ A200487/40

Ref.

870005/2

File No. 756495/27

Diameter	5"			584	480						
Height	1' 0"					1					
Altitude	670'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	6.8	6.64	7.69	6.46	4.81	5.31	5.24	9.77	3.57	3.37	53.54
February	5.61	2.45	3.46	2.52	6.49	3.93	1.46	4.06	3.75	5.34	39.07
March	3.07	3.28	1.49	4.3	3.46	2.22	8.05	3.74	1.45	2.90	30.09
April	1.62	2.36	3.39	3.39	2.35	1.89	5.52	2.56	5.82	3.55	32.45
May	3.10	4.83	5.24	2.91	3.72	1.73	3.44	2.89	3.44	1.68	32.98
June	7.0	1.20	5.24	4.86	5.13	4.48	6.33	8.72	1.12	6.57	42.35
July	2.77	5.36	5.97	4.77	2.84	5.28	6.09	4.39	4.98	5.62	48.07
August	4.87	6.00	8.04	5.70	2.88	6.24	.32	6.48	3.66	10.62	54.81
September	1.44	6.71	5.68	6.66	4.49	8.53	4.75	7.65	2.14	9.49	57.54
October	6.97	5.48	6.87	5.20	7.44	.78	.73	4.94	6.83	5.20	50.44
November	3.40	1.35	3.21	8.78	.24	8.46	10.79	5.72	5.60	5.87	53.42
December	3.22	6.55	3.18	5.33	3.34	5.40	3.87	3.96	8.33	2.86	46.04
TOTALS	87.45	62.21	59.46	57.01	47.19	54.25	55.59	64.88	50.69	62.07	540.80

1941 Building 21² high 145 S. Tree 10°-40° high 50° N. Stone wall 5' high 80° S.E.

1941 rainfall 1.30 ft

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	Parish Church	Distance from gauge
1941			Oxenholme	6 miles	N.W.	Killington	2 miles S.

Station No. 3714

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RAINFALL at Killington Reservoir BRITISH
 County of Westmorland Observer Oxenholme Railways
 River Basin Kent - 3
 Type of Gauge M.O.

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

49.4 + m.s. 6 month 1444 file 20047/40

E16427/53

Ref. 670003/26 File No. 366446/27 626/30

Diameter ...	5'			5ft	4ft						
Height ...	1' 0"					1					
Altitude ...	670'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.68	4.61	3.14	5.09	5.41	4.15	7.67	5.97	3.56	6.61	51.87
February	4.62	1.36	3.60	3.61	2.38	1.64	5.07	7.28	2.15	5.61	37.32
March	5.09	3.89	1.12	3.69	1.52	1.66	4.84	1.20	3.69	1.05	27.75
April	2.33	3.46	3.10	2.27	3.18	1.21	1.22	1.62	4.57	3.94	26.96
May	1.00	2.30	2.94	4.27	4.16	3.92	3.44	6.46	1.56	2.43	32.48
June	1.10	6.48	5.61	6.21	4.91	1.75	2.65	3.60	5.83	2.59	40.73
July	5.20	2.40	7.61	7.33	1.69	4.10	4.35	4.13	5.68	6.98	49.47
August	4.48	5.91	6.11	6.67	1.86	12.43	5.90	4.18	1.23	3.36	52.13
September	7.23	3.63	4.34	9.31	3.74	3.77	5.39	7.20	1.31	4.45	53.34
October	1.31	3.83	2.30	12.28	3.08	4.91	7.98	5.95	5.19	2.59	49.42
November	9.74	2.30	7.81	7.55	2.46	1.70	1.56	1.62	5.91	9.70	50.25
December	13.50	5.08	2.99	9.40	7.41	6.45	5.03	4.18	10.40	6.58	71.02
TOTALS ...	61.28	45.26	53.67	77.68	41.80	47.75	55.10	53.29	51.08	55.89	512.49
	d	70d	D	D	d	d	d	d	d	d	

1951 Building 21° 145° S; True 10° 40', 50° N; Uas 5° 80' NE:

PB 734 5/68. Av. 57.06 on 13 yrs 1955-67 accepted.

Av. 59.88 in. based on 3 yrs 1950-52. Too short. Period of average 1916-50. Ref. 5. - Rejected.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SD(34) 593.908

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Oxenholme	4 3/4	NW	Killington	2 1/2 S

Summary of Earlier Records from 10-year Sheets :

		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		16	C 1921 1921-22 22-24	✓	✓ 1947-50	