

RAINFALL at Killington ReservoirCounty of WestmorlandObserver J. H. Thurston, Esq. C.E.River Basin Kent 3F. G. T. Adams, Esq. (126)Lymington Rain Gauge, byL.M.S. Rly.of

Diameter ...		8										
Height		2.8						2.6	1.0			
Altitude ...		674										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	MEANS
January ...		8.67	5.65	5.58	4.74	3.82	6.01	4.55	11.25	1.03	8.06	
February ...		4.2	5.00	5.99	5.4	5.03	6.64	3.45	7.24	.97	.38	
March		5.54	3.00	2.49	2.02	1.40	2.42	4.75	3.72	1.71	2.78	
April87	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	5.22	.35	2.70	4.29	8.24	2.65	3.34	
July		1.99	5.80	4.91	5.71	2.22	5.31	4.94	8.72	6.78	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	4.47	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	7.70	9.42	5.88	
December...		6.99	5.48	4.55	3.28	3.87	1.38	1.08	3.36	7.27	4.75	
TOTALS...		42.9	48.18	61.81	56.92	42.40	47.88	55.06	72.18	52.70	66.85	

1921. open field North open to Reservoir, South
 Young trees : high up West
 Trees : 30 ft. East.

1923. Buildings 20 ft high 45 ft S.E.
 Trees & Buildings 12 to 20 ft high 60 ft S.

Rejected from Survey : 8" too low

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
1921	54° 8' 30"	2° 5' 30"	Kendal	2 mi	E	Newbottle	2 mi	E

RAINFALL at Killington Reservoir

County of Westmorland

Observer L. M. S. Rly.

River Basin Kenk - 3.

Type of Gauge Glaisher M.O.

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

756495/27.

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	5.06	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	5.17	4.40	1.14	41.15	
July	6.55	6.26	4.16	2.95	3.06	5.73	3.42	6.39	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	6.66	1.05	5.07	9.32	6.46	5.58	2.06	2.75	4.48	45.91	
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	5.57	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	50.90	33.80	49.75	46.98	51.35	41.78	65.33	47.99	44.50	488.13	
	D.	D	D	D.	D.	D	D	D	D	D		

1931. Buildings 20' 0" high 45' S.E. Trees & buildings 12' 0" - 20' high 60' S.
1935. Sta inspected 10/9. Gauge (Glaisher) old and leaking. New standard g. recommended
new g. to be put up in new site selected near Kapers cottage & to be surrounded
by high 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' S.E.
1936. Buildings 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 5" too low. Observer reported to Com. g. to 1 ft. 10/1/33

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Oxenholme	4 3/4 m	N.W.	Killington	2 1/2 m	S.

Station No. 3714RAINFALL at Killington Reservoir

41

County of WestmorlandObserver L. S. R. Co.River Basin Kent - 3British RailwaysType of Gauge M.O.Docks & Inland WaterwaysAnnual Average 47.8 in. based on 78 years obs. un-weighted. Period of average Ref. 870005/26computed by Mr. Cornish (1922)
HA00487/20File No. 756495/27

Diameter	5"				584	480						
Height	1' 0"					1						
Altitude	670'	X				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	68	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	5.92	2.55	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	70	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	2.94	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	46.02	
TOTALS	87.45	52.21	59.46	57.01	47.19	54.25	55.59	64.88	50.69	62.07	540.80	

1941 Buildings 21 1/2' high 145 S. Tree 10'-40' high 50' N. Stone Wall 5' high 80' S.E.

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.
1941			Oxenholme	6 1/2 miles	N.W.	Killington	2 1/2 miles	S.

BRITISH RAINFALL ORGANIZATION

RAINFALL at Killington Reservoir Station No. 3714 51
 County of Westmorland Observer British
 River Basin Kent - 3
 Type of Gauge M.O. E 16437/53

Annual Average in. based on years obs. un-weighted. Period of average Ref.
47 8 * not enough 14 1/4 File 1200 427/40 670003/26 6268/30
 File No. 670003/26 6268/30

Diameter ...	5"				5 1/4	4 5/8					
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	1.27	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	4.73	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	4.31	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	1.52	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	46.25	53.67	77.68	41.80	47.75	55.10	53.29	51.08	55.87	542.49
	d	d	d	d	d	d	d	d	d	d	

1951 Building 21 1/2', 145' S; Tower 10' - 40', 50' N; Wall 5', 80', NE:

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

Av. 57.88 in. Based on 3 yrs obs. 1955-57. Too short. Period of average 1916-50. Ref. S. - Rejected

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference SD(34) 593908

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

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		1921 1922-24	✓ ✓	✓ 1947-50	