

RAINFALL AT Kendal, Potter Fell

Lat.

Lon.

County of Westmorland

Rain Gauge, by

Observer

Miss C. Marshall

Kent - 3.

C. J. Cropper Esq.

Diameter ...											
Height											
Altitude ...											
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...				9.56	6.94	3.32	10.45	1.99	8.66	6.01	
February ...				10.04	5.55	4.88	3.32	4.92	3.48	2.87	
March				8.32	4.59	4.56	4.59	6.11	5.07	5.26	
April				1.84	6.17	6.25	2.23	2.69	2.70	4.82	
May				3.69	3.79	2.77	8.61	5.81	6.01	3.50	
June				3.00	4.23	3.68	3.53	10.52	3.49	3.41	
July				5.81	3.65	2.15	3.24	3.36	6.06	8.48	
August				10.38	5.87	5.67	8.06	6.69	5.39	4.57	
September ..				7.91	4.10	4.55	2.14	.83	8.38	4.66	
October ...				13.01	5.81	4.14	8.65	6.93	3.38	11.01	
November ..				4.75	4.32	8.33	6.90	4.75	6.26	3.75	
December ...				8.61	7.79	5.18	5.22	9.48	5.21	10.29	
TOTALS ...				86.92	62.81	55.48	66.94	64.08	64.09	68.63	

1903-11 Received IX. 13.Entered 17. X. 13.

RAINFALL at Kendal Patter Fell

County of Westmorland

Observer

Mr. C. Marshall

River Basin

Kendal 3

Mr. C. G. Bropper Esq.

Rain Gauge, by

Diameter ...											
Height			0.4								
Altitude ...			800								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.68	5.66	7.40	7.01	7.13	7.01	12.15	4.26	7.71	10.65	84.77
February ...	5.35	11.45	6.36	5.91	10.35	10.52	8.68	2.03	9.91	1.54	22.16
March	4.10	3.13	9.44	9.06	9.27	3.08	2.80	2.70	2.64	6.63	14.66
April	4.34	5.72	2.83	8.07	2.19	3.69	4.11	3.03	1.89	4.45	13.86
May	3.25	3.74	3.55	3.77	3.54	1.53	3.88	2.88	3.43	3.18	12.37
June.....	2.84	2.52	9.21	6.94	2.12	1.41	3.80	4.16	5.75	3.26	16.97
July	6.63	1.56	6.49	1.27	6.02	7.01	4.05	3.03	10.01	3.40	20.49
August.....	11.74	6.24	9.30	3.13	8.31	3.58	3.27	12.61	6.69	8.83	31.40
September..	1.95	6.99	3.62	4.06	4.97	2.83	2.59	8.98	20.69	7.11	40.14
October ...	2.17	6.80	8.94	5.47	1.76	1.50	11.63	13.58	12.59	4.03	41.83
November..	7.99	11.50	8.31	10.81	12.50	4.16	10.38	9.28	5.15	6.18	30.99
December...	8.17	12.30	11.48	5.90	10.55	12.44	5.60	4.54	13.93	15.29	39.36
TOTALS ...	64.21	77.61	65.93	70.40	78.71	58.76	72.94	71.08	100.29	74.84	318.60

1903-11 Received IX. 13. Entered 17. XI. 13.

1915 Nothing near - within 20 yrs.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Burnside	1/2 m		Burnside		

RAINFALL at Hendal Poter Loop Reservoir

County of Westmorland

Observer Mess^r J. Cropper & Co. Ltd.

River Basin Kent 3

Rain Gauge, by _____

Diameter ...	5"											
Height	2.0											
Altitude ...	750											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.	
January ...	12.40	13.20	10.48	6.42	10.44	8.89	12.29	8.97	18.49	3.21	16.89	121.81
February ...	9.40	.89	5.42	9.56	1.33	8.58	11.21	4.45	12.46	2.45	.88	67.23
March	8.91	10.12	3.30	2.81	2.48	2.82	7.89	8.51	8.47	2.00	6.41	63.72
April.....	7.95	3.14	2.93	3.24	4.33	8.14	4.48	4.49	3.65	4.02	4.89	51.62
May	10.41	6.04	5.14	5.09	8.54	8.01	3.34	3.52	1.16	5.17	3.21	59.66
June	3.43	.33	4.42	2.22	6.46	.40	4.94	5.02	9.67	3.37	4.39	48.25
July	10.69	2.40	9.34	4.43	4.13	2.81	6.68	4.19	10.22	8.30	6.08	18.62
August	4.83	11.84	4.41	11.83	4.01	6.04	6.63	8.84	12.24	10.13	9.43	96.79
September...	6.45	5.00	5.64	9.84	9.59	6.94	6.46	9.32	5.98	4.05	6.68	16.23
October.....	2.59	4.19	2.28	14.13	6.86	8.41	6.14	8.81	13.94	11.44	13.25	72.04
November...	6.18	4.54	5.35	13.53	4.05	2.44	8.93	9.89	19.78	14.70	9.80	102.49
December ...	3.60	16.44	9.23	4.93	14.30	8.13	2.44	2.38	8.27	14.73	9.47	102.30
TOTALS...	91.89	48.81	44.54	94.39	86.15	72.44	82.09	81.42	124.33	83.52	90.88	960.76

Data for 1921 - 1924 received April 5th. 1929.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Burneside	1/2 mi		Burneside		

RAINFALL at Kendal (Potter Fell)

County of Westmorland

Observer J. Cropper & Co. Ltd.

River Basin Kent - 3

Type of Gauge

Annual Average 79.6 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. 3

914896/29

Diameter	5.											Means
Height	2.0.											
Altitude	750.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		Means
January	7.38	15.60	9.04	12.73	3.62	7.96	6.96	14.95	12.49	(2.87)	93.60	
February	10.04	10	8.32	3.9	14.06	2.73	10.83	5.16	9.42	2.32	63.87	
March	1.47	7.40	6.20	5.05	3.26	4.70	1.93	6.26	4.67	9.90	51.44	
April	4.51	7.33	3.88	6.00	5.46	2.35	5.05	3.85	3.86	2.95	42.24	
May	4.96	7.58	3.79	6.08	.59	1.02	4.62	8.67	1.59	1.38	40.28	
June	9.06	4.70	3.69	3.59	7.22	6.84	4.39	9.30	6.10	1.26	56.15	
July	7.55	12.87	5.26	2.15	3.97	9.90	5.58	9.16	11.36	7.93	75.73	
August	6.02	3.55	4.15	7.14	5.17	5.81	3.33	5.72	5.45	2.34	45.68	
September	2.83	10.55	1.44	10.62	12.06	8.89	7.63	4.35	2.71	8.07	67.15	
October	6.37	12.76	6.53	14.49	12.63	7.52	4.41	19.43	2.81	9.33	96.28	
November	17.39	8.27	3.32	2.07	7.90	8.85	2.50	12.61	11.40	10.43	84.74	
December	7.62	12.50	1.14	16.07	4.90	10.68	4.31	7.87	5.10	10.68	80.87	
TOTALS	85.20	103.21	56.76	86.38	80.24	6.9	77.25	61.54	105.53	4.46	69.46	803.03
	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	

Position of Station on reduced Ordnance Survey Map, } No. of Map.....
1 mile to 1 inch Series

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
			Burneoide L.M.S.			Burneoide.	

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 3722

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RAINFALL at Kendal (Porter Fell)

County of Westmorland

Observer Major T. Chappell & Co. Ltd.

River Basin Kent - 3

Type of Gauge.

Annual Average 72.6 in. based on 26 years obs. yst-weighted. Period of average 1881-1915 Ref. S

File No. 91489/29

Diameter	5°			585	222						
Height	2' 0"					1					
Altitude	750'					41		X			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.83 (9.00)	14.38	8.39 (5.37)	10.05	9.84	12.20	4.60	6.32	7.998		
February	6.88 (3.00)	5.08	3.03 (6.90)	5.04	(1.00)	6.62	4.49	10.70	5.664		
March	4.65 6.71	2.20	1.27	4.15	3.99 (8.57)	5.57	3.06	1.84	4.501		
April	2.80 4.63	5.08	4.68 3.02	1.79	7.85	3.68	4.09	5.61	4.623		
May	4.96 6.75	8.41	2.50 5.44	1.76	3.66	3.01	3.43	2.83	4.275		
June	6.64 1.50	5.64	6.10 5.16	5.99	5.25	8.85	1.88	5.90	4.591		
July	3.38 6.27	5.34	4.26 3.18	7.07	4.99	8.05	4.12	2.10	4.776		
August	8.79 10.23	12.34	4.61 2.19	5.73	.25	8.79	6.14	12.52	7.059		
September	2.95 8.30	8.43	6.33 5.91	12.82	5.21	10.61	1.65	12.02	7.622		
October	10.24 8.67	8.17	6.18 8.82	.97	.82	9.28	10.62	8.89	6.736		
November	5.91 3.06	4.24	7.95 4.45	12.17	14.17	7.77	12.18	6.96	7.281		
December	5.78 11.98	4.44	8.51 4.15	9.04	3.42	9.22	16.10	4.36	7.520		
TOTALS	58.81 (7910)	84.66	63.81 54.74	76.42	65.03	86.50	70.31	84.98			
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1942 Jan & Feb. Totals taken from map. 1947 Feb. - March by part. est. snow.

1950 no high

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60004

30004

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Station No. 3722

RAINFALL at Kendal (Potter Fell) N.

Ex. J.P. 51

County of Westmorland

Observer

River Basin Kent - 3

~~James Cropper & Co. Ltd.~~

Type of Gauge.

Annual Average 70.6 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. 5

File No. 914898/29

Diameter ...	5"			585	222							
Height ...	2' 0"					1						
Altitude ...	750'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	9.20	6.97	6.01	100		4.58	8.62	6.47	3.39	7.87		
February	6.48	1.23	6.06			2.81	6.47	4.69	2.41	3.94		
March	8.42	6.93	1.73			2.62	4.97	1.94	4.21	1.62		
April	6.24	3.57	5.99			1.70	1.43	1.76	6.16	4.12		
May	2.01	4.54	5.00			3.88	4.08	6.55	1.28	2.21		
June	1.68	5.31	5.15	100		4.11	2.01	3.79	4.25	2.74		
July	5.93	2.96	11.13	5.90		4.67	4.01	3.28	3.26	6.93		
August	7.34	8.95	8.45	7.58		9.30	6.18	8.37	2.68	6.62		
September	11.48	6.89	11.90	9.91		4.03	5.69	7.87	1.26	4.19		
October	1.26	7.27	2.58	14.43		5.42	6.88	7.20	5.91	3.75		
November	14.93	6.38	16.12	11.04		2.14	2.61	1.64	6.67	9.51		
December	19.37	8.10	6.33	10.64		6.46	3.45	3.67	10.69	6.03		
TOTALS ...	94.34	69.10	86.45	-100		51.72	55.40	57.23	52.17	59.53		
	NP	n.p.	d.	mc.		NP	n.p.	7p	up	dnp		

1951. N.P. high.

1952. n.p. unreliable.

1953. Steel - 1954 Jan - June unreliable

1955. N.P. low. Gauge not read Sunday or Holidays.

1957. n.p. low.

1958. n.p. low.

1959. up low

An. av. 81.93 in. based on 24 yrs. obs. within 1918-42. ~~Unselected from 1943. Period fav. 1916-50 Ref. 5~~~~Rejected~~1960. np low + incomplete.
June 3-9 + Aug 21-Sept 7 est M03
+ corrected for wrong day M03
John up low b-table 50

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SD34 500985

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - ~~Rejected~~

Record D, or d	9	1910-19	1920-30	1931-40	1941-50	1951-60
		V but-10-18	V but-20-27	✓ but-22-30, 28-40	V	NP