

RAINFALL AT Kendal, Potter Fell

Lat. _____

Lon. _____

County of Westmorland

Rain Gauge, by _____

Observer Miss E. Marshall

G. J. Cropper Esq.

Kent - 3.

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 TX. 13.

Entered 17. XI. 13.

RAINFALL at Kendal Pether FellCounty of WestmorlandObserver Mrs. C. MarshallRiver Basin Kendal 3Mrs. E. J. Cropper

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		34.77
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	2.54	6.62		14.66
April	4.34	5.72	2.83	8.07	2.19	3.69	4.11	3.03	1.89	4.43		13.46
May	3.25	3.74	3.55	3.77	3.54	1.53	3.88	2.88	3.43	2.18		12.37
June	2.84	2.52	9.21	5.94	2.12	1.41	3.80	4.16	5.73	3.26		16.97
July	6.63	1.56	5.49	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	8.13		34.20
September ...	9.95	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	12.89	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	85.93	70.40	78.71	58.76	72.94	71.08	100.29	74.29		316.60

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

1915 Nothing near - within 20 yds.

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

RAINFALL at Potters Hill
Hemdal Potters Hill ReservoirCounty of WestmorlandObserver Miss J. Cropper & Co. Ltd.River Basin Plant 3

Rain Gauge, by _____

Diameter ...	5"											
Height	2 0											
Altitude ...	750											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...	12.40	13.20	10.48	6.72	10.77	8.89	12.29	8.97	18.49	3.21	16.39	121.81
February ...	9.40	.89	5.72	9.56	1.33	8.58	11.21	4.75	12.46	2.45	.88	67.23
March	8.91	10.12	3.30	2.81	2.48	2.82	7.89	8.51	8.77	2.00	6.41	63.72
April	7.95	3.17	2.93	3.27	4.33	8.14	4.78	4.49	3.65	4.02	4.89	51.62
May	10.41	6.04	5.14	5.09	8.54	8.01	3.37	3.52	1.16	5.17	3.21	59.46
June	3.43	.33	7.72	2.22	6.76	.40	4.94	5.02	9.67	2.37	4.39	48.25
July	10.69	2.75	9.34	7.43	7.13	2.81	6.68	7.19	10.22	8.30	6.08	78.62
August	4.33	11.84	7.41	11.83	7.01	6.57	6.63	8.87	12.24	10.13	9.43	96.79
September...	6.45	5.00	5.64	9.87	9.59	6.94	6.76	9.32	5.78	4.00	6.68	76.23
October	2.59	4.19	2.28	14.13	6.86	8.44	6.14	8.81	13.74	11.44	13.25	72.04
November...	6.18	4.54	5.35	13.53	7.05	2.74	8.93	9.89	19.78	14.70	9.80	102.49
December...	3.65	16.74	9.23	7.93	14.30	8.13	2.47	2.38	8.27	14.73	9.47	112.30
TOTALS...	91.89	78.81	74.54	94.39	86.15	72.44	82.09	81.72	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 _____
Map, 2 miles to 1 inch Series

Reference No. _____

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

RAINFALL at Kendal (Patter Fell)

County of WestmorlandObserver J. Cropper & Co. Ltd.River Basin Kent - 3

Type of Gauge

Annual Average 70.6 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. 3

9/14 898/29.

Diameter	5.										
Height	2.0.										
Altitude	750.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.38	15.60	9.04	12.73	3.62	7.96	6.96	14.95	12.49	(2.87)	9360
February	10.04	10	8.32	3.9	14.06	2.73	10.83	5.16	9.92	2.32	6387
March	1.47	7.40	6.20	5.05	3.26	4.70	1.93	6.26	4.67	9.90	5144
April	4.51	7.33	3.88	6.00	5.46	2.35	5.05	.85	3.86	2.95	4224
May	4.96	7.58	3.79	6.08	.59	1.02	4.62	2.67	1.59	1.38	4028
June	9.06	4.70	3.69	3.59	7.22	6.84	4.39	9.30	6.10	1.26	5615
July	7.55	12.87	5.26	2.15	3.87	9.90	5.58	9.76	11.36	7.93	7573
August	6.02	3.55	4.15	7.14	5.17	5.81	3.33	5.72	5.45	2.34	4868
September	2.83	10.55	1.44	10.62	12.06	8.89	7.63	4.35	2.71	8.07	6915
October	6.37	12.76	6.53	14.49	12.63	7.52	4.41	19.43	2.81	9.33	9628
November	17.39	8.27	3.32	2.07	7.90	8.85	2.50	12.61	11.40	10.43	8474
December	7.62	12.50	1.14	16.07	4.90	10.68	4.31	7.87	5.10	10.68	8087
TOTALS	85.20	103.21	56.76	86.38	80.24	77.25	61.54	105.53	74.46	69.46	80303
	d.	2	3d	d.	d.	2	d	3	2	d.	

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
			Burnside L.M.S.			Burnside.		

Station No. 3722

RAINFALL at Kendal (Patter Field)

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County of Westmorland

Observed by J. Chappin & Co. Ltd.

River Basin Kent - 3

Type of Gauge

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

File No. 914898/29

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	46.0	46.32	7998
February	6.88	(3.00)	5.98	3.03	(6.90)	5.04	(1.00)	6.62	4.19	10.70	5664
March	4.65	5.71	2.20	1.27	4.15	3.99	(8.57)	5.57	5.06	16.84	4501
April	2.80	4.63	5.08	4.68	3.02	1.79	7.85	3.68	4.09	56.61	4623
May	4.96	6.75	8.41	2.50	5.44	1.76	3.66	3.01	3.13	38.83	4275
June	.64	1.50	5.64	6.10	5.16	5.99	5.25	8.85	1.88	5.90	4591
July	3.38	6.27	5.34	4.26	3.18	7.07	4.99	3.05	4.12	7.10	4776
August	8.79	10.23	12.34	4.61	2.19	5.73	.25	8.79	6.14	15.52	7059
September	2.95	8.30	8.43	6.33	5.91	12.82	5.21	10.61	1.65	17.02	7623
October	10.24	8.67	8.17	6.18	8.82	.97	.82	12.28	10.62	7.89	6736
November	5.91	3.06	4.24	7.95	.45	12.17	14.17	7.77	12.13	6.96	7281
December	5.78	11.98	4.44	8.51	4.15	9.04	3.42	9.22	16.10	4.86	7520
TOTALS	58.81	(7910)	84.65	63.81	54.74	76.42	65.03	86.35	84.31	99.95	12447

1942 Jan & Feb. totals taken from map.

1947 Feb. March - May not est. snow.

1950 n.p. high

6000+

6000+

6000+

6000+

6000+

6000+

6000+

6000+

6000+

6000+

6000+

6000+

6000+

6000+

6000+

6000+

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6000+

6000+

6000+

6000+

6000+

6000+

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

BRITISH RAINFALL ORGANIZATION

Station No. 3722

RAINFALL at Kendal (Potten Fell) W. 51
 County of Westmorland Observer James J. Cropper
 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. 9/1898/29

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			2.91	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		4.61	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	14.48		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.	n.p.	n.p.	dnp	

1951 N.P. high.

1962 n.p. unreliable.

1953 S. tent. 1954 Jan - June unreliable

1951 N.P. low. Gauge not read Sundays or holidays.

1957 n.p. low.

1958 n.p. low

1959 n.p. low

An. av. 81.93 in. based on 24 yrs obs. within 1918-42. Unreliable from 1943. Period for 1916-50 Ref-5 ✓

1960 n.p. low & incomplete.

June 3-9 & Aug 21-Sept 7 est M03

& corrected from for wrong day M03.

John up low estimate p 50

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SD34 500985

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

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