

RAINFALL AT Watendlath CumberlandWilson Green

60

Rain { By .....  
 Gage { Diameter, ..... in.

Height above Ground, .... ft. .... in.

Above Mean Sea Level, 867 ft.

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....								10.00	14.10	12.00	
February .....								8.00	10.75	16.50	
March .....								5.25	13.00	1.00	
April .....								11.00	5.80	4.00	
May .....								3.75	3.75	1.70	
June .....								2.45	1.75	2.60	
July .....								7.40	.89	4.50	
August .....								6.50	10.25	2.50	
September ...								12.00	6.88	3.70	17.25
October .....								6.50	9.75	12.00	5.25
November .....								11.25	1.00	5.50	11.70
December .....								15.25	5.63	17.75	12.00
TOTALS.....								77.61	99.24	91.00	

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## RAINFALL AT Nalendlaik

*Lat.*.....

London.

County of Cumberland

..... Rain Gauge, by

Observer G. J. Johnson Esq.

L. J. Johnson, Esq.

Diameter .....	.8	.										
Height .....	1	.										
Altitude .....	867.	.										
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	7.75	6.50	16.50	19.75	11.25	13.75	5.75	15.00	9.25	100	10.610	
February.....	7.30	7.75	11.50	1.25	9.00	2.00	8.50	8.50	5.75	3.75	6.530	
March.....	3.70	5.25	6.75	4.00	7.25	3.00	7.25	3.75	3.25	5.75	4.995	
April.....	3.13	3.00	3.00	1.00	3.25	2.00	3.75	3.00	2.50	2.50	2.713	
May.....	9.75	1.75	5.25	2.25	1.50	4.00	5.75	4.50	7.00	1.75	4.350	
June.....	2.00	2.00	7.25	4.20	1.75	6.25	1.50	6.25	3.25	6.00	4.050	
July.....	7.0	6.75	4.75	9.75	3.50	4.00	3.25	9.50	1.50	7.50	6.120	
August.....	4.00	7.50	6.50	9.50	11.50	5.25	6.00	9.25	6.00	8.50	7.400	
September.....	8.25	4.25	13.50	6.25	11.00	8.00	5.75	5.30	10.25	9.25	8.180	
October.....	16.50	7.25	13.00	11.50	12.75	7.25	5.25	15.00	12.00	4.00	10.450	
November.....	5.25	2.75	11.50	6.50	6.25	6.50	4.00	18.50	3.50	1.75	6.650	
December.....	4.25	12.25	10.00	6.25	4.00	9.00	13.00	10.50	3.75	7.50	8.050	
TOTALS.....	72.58	67.00	109.50	82.25	83.00	71.00	69.75	109.05	68.00	59.25	79.138	

RAINFALL AT Naledlach

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_ County of Cumberland

Rain Gauge, by \_\_\_\_\_

Observer G. Symons, Esq., F.R.S.Dewent - 2

Diameter ....	8										
Height .....	1.0										
Altitude ....	867 T										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	2.75	.50	7.00	13.00	14.75	8.00	10.25	6.75	4.75	5.50	
February ....	11.00	6.50	10.00	10.50	12.75	14.50	7.75	6.50	2.25	5.00	
March .....	2.50	7.50	7.00	4.50	6.00	7.25	6.75	3.50	7.25		
April .....	5.00	6.25	7.50	2.50	1.50	6.00	4.25	4.75	5.50		
May .....	4.00	7.00	4.00	5.00	10.00	3.25	8.00	3.25	5.75		
June .....	4.50	9.00	7.00	7.00	.50	2.50	2.25	1.00	1.75		
July .....	3.75	6.75	10.00	6.00	9.00	4.50	7.00	5.75	8.50		
August .....	3.50	10.00	5.50		4.25	4.75	7.50	4.50	7.00		
September....	6.00	4.00	5.00		15.00	5.25	11.25	14.50	9.50	1.75	
October.....	2.50	5.00	4.00	11.00	5.50	9.00	10.50	4.50	12.00		
November....	14.50	12.00	12.00	15.00	14.75	5.00	8.50	6.50	20.00		
December....	9.00	9.00	6.00	10.00	10.75	4.75	9.50	7.75	8.50		
TOTALS ....	69.00	63.50	87.00	99.50	85.00	80.75	89.75	64.25	85.00		

RAINFALL AT *Watendlath*

80

Lat.

Long.

County of

Cumberland

Rain Gauge, by

Observer

G. J. Symons Esq FRS

*Derwent - 2*

Diameter .....									5"		
Height .....									1.0		
Altitude .....									867 ft		
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....									6.70	4.80	5.50
February .....									5.50	2.20	5.00
March .....									2.90	7.20	4
April .....									5.20	5.50	
May .....									2.50	5.80	
June .....									.30	1.50	
July .....									4.20	8.60	
August .....									4.40	7.00	
September.....									10.60	1.80	
October .....									7.90	12.00	
November .....									6.40	20.00	
December .....									7.60	8.50	
TOTALS .....									64.30	84.90	

## RAINFALL at

Watendlath Farm.

County of... Cumbria.

Observer W. Tyson Day for M.O.

River Basin 2- Derwent.

Type of Gauge

Annual Average 92.1 in. based on 24 years obs. un-weighted. Period of average 1916-1930 Ref.

147275/31

Diameter		5"									Means
Height		1' 0"									
Altitude		800'									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January		17.93	14.81	17.27	4.21	11.01	14.75	15.90	15.40	(2.55)	
February		11	9.66	.56	19.70	4.83	9.76	3.98	15.59	3.13	
March		4.97	6.52	6.40	2.19	5.31	4.48	8.76	7.69	9.27	
April		8.25	2.25	6.02	6.60	2.01	4.12	1.30	4.24	4.19	
May		5.31	3.19	8.78	.79	1.18	2.92	6.89	.79	1.68	
June		4.16	3.59	4.58	6.64	5.64	4.36	12.72	7.06	1.19	
July		9.17	8.29	2.49	3.46	10.37	5.24	12.98	12.45	8.81	
August		1.56	4.43	10.59	5.19	3.98	4.44	5.62	3.96	(3.67)	
September		11.13	1.71	13.73	17.03	9.96	8.34	6.11	3.44	8.52	
October		13.50	7.70	15.85	15.71	11.36	5.04	26.20	4.23	10.94	
November		6.76	3.76	1.96	9.28	11.34	2.57	16.75	17.69	12.76	
December		18.14	1.14	17.89	5.13	16.94	4.92	8.6	5.38	11.69	
TOTALS		100.99	67.05	106.12	95.93	93.99	73.97	124.42	97.92	78.40	53
		D	D	D	D	D	D	D	D	D	mp**

1938. Mr. Hampden Brown reports that while in neighbourhood he noticed this g. was not set vertically. Observer noted to gauge reset Oct.

1939. New rain gauge supplied 26.1 to replace one broken.

1940. \* i.p. too many adjustments.

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

Wardenblath Farm

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County of Cumberland

Observer W. Tyson Esq for M.O.

River Basin 2 - Derwent

Type of Gauge

8-10 - cm

Annual Average 92.7 in. based on 24 years obs. un-weighted. Period of average 1916-1950 Ref.

88.5 in computed by McCanish (1953) + 1200 ft 1881-1950 File No. 147275.3.1

Diameter	5"					592	655				
Height	1' 0"							1			
Altitude	800'							41			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.21	(6.7)	15.63	13.21	7.79	12.68	9.74	10.61	7.32	9.07	
February	(10.81)	2.82	8.49	3.87	10.22	5.98	2.50	8.36	9.40	10.32	
March	4.12	7.40	3.55	1.37	7.02	6.88	6.23	6.78	2.66	6.13	
April	3.76	6.05	6.09	5.07	4.67	3.29	12.08	2.70	12.93	6.96	
May	5.35	8.45	6.55	4.54	6.95	1.63	5.18	3.11	3.61	2.64	
June	.62	2.81	5.98	8.90	6.14	8.65	5.60	11.06	1.69	5.18	
July	2.73	6.38	6.38	3.46	5.30	6.15	4.74	4.59	2.53	5.14	
August	11.93	9.32	12.83	6.86	3.44	11.94	.02	7.26	14.08	11.90	
September	2.48	12.86	7.26	8.74	9.90	15.53	9.11	11.63	2.74	19.05	
October	8.54	12.37	12.27	8.60	11.61	.86	2.14	8.16	9.80	9.03	
November	8.00	2.83	5.28	14.71	.76	16.09	17.22	8.40	13.58	9.97	
December	6.55	14.30	4.45	10.19	7.14	11.03	4.08	13.10	17.81	4.14	
TOTALS	68.10	92.50	94.76	89.52	80.94	100.71	78.64	100.23	88.15	98.53	

1941. Feb &amp; Dec part estd.

1942. Jan pt. estd. for snow.

20004 40004

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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

Station No. 3633/5 m

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## RAINFALL at Watendlath Farm

County of Cumberland

Observer W. Tyson Baggs

River Basin Derwent - 2

Type of Gauge 10 (in. per mm)

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

28.5 in. confirmed by Mr. Cornell 1903 to 2000/7/30

File No. 11275/31

Diameter ...	5"				592	655					
Height ...	10"						1				
Altitude ...	800'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	8.05	7.39	4.41	8.58	7.33	4.27	12.54	9.53			
February	6.64	1.88	3.93	5.48	2.54	1.50	6.31	10.51			
March	6.47	4.94	(1.20)	5.47	1.77	3.77	7.57	1.94			
April	6.61	4.54	5.43	2.05	4.05	1.69	2.97	1.82			
May	3.62	4.43	2.84	4.73	8.26	5.24	4.51	7.24			
June	2.89	3.73	3.03	8.45	3.41	3.39	1.72	1.00			
July	4.13	5.43	10.49	9.56	3.63	8.07	5.21				
August	7.36	11.35	8.24	7.93	4.45	11.67	6.49				
September	11.93	7.93	11.75	15.20	6.34	7.31	7.02				
October	1.64	7.25	5.21	21.83	5.60	7.38	12.19				
November	18.80	5.47	14.90	20.75	4.10	2.48	3.64				
December	18.60	6.52	5.93	13.71	13.16	12.81	12.27	1.00			
TOTALS ...	96.54	70.86	77.36	124.04	64.64	69.58	82.44	7.00			
	D	D	D	D	D	D	D	D			

1956. Low, but accept. 10004

1957 np. 1000

1958 Terminated, poor record &amp; not rec. now.

1959 np. inc

An. av. 92.17 in. based on 24 yrs. obs. within 1932-57. 8" low. Period of av. 1916-50-S Rejected

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 35/277163

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

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1932 ✓ 1940	✓	✓ 1941-45