

RAINFALL AT

Watendlaath Cumberland **60**
Wilson Green

By
 Rain Gauge { 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	11.50	
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	.81	4.50	
August.....								6.50	10.25	2.50	
September ...								12.00	6.38	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	

C C C C

RAINFALL AT *Stalenshall*

Lat.....

Lon.....

County of.....

Cumberland

.....Rain Gauge, by.....

Observer.....

J. J. Spence Esq.

Diameter8										
Height	/										
Altitude	847.										
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	10.0	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	4.25	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	5.120
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	5.180
October.....	14.50	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

C C C

RAINFALL AT *Walden*

80

Lat. _____

Lon. _____

County of *Cumberland*

Rain Gauge, by _____

Observer *G. J. Symonds, Esq., F.R.S.*

Duwent - 2

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

RAINFALL AT

Watendlash

80

Lat.

Lon.

County of

Gloucestershire

Rain Gauge, by

Observer

G. J. Symonds Esq. F.R.S.

Derwent - 2

Diameter								5			
Height								1.0			
Altitude								867			
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		
April								5.20	5.50		
May								2.60	5.80		
June30	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 LumfrieshireObserver W. Lyson Esq. for M.O.River Basin 2 - Derwent

Type of Gauge

Annual Average 92.7 in. based on 24 years obs. un-weighted. Period of average 1916-1939 Ref

14725/31

Diameter	5"										
Height	1' 0"										
Altitude	800'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	17.93	14.81	17.27	4.21	11.01	17.75	15.90	15.40	(2.55)		
February	11	9.66	5.56	19.70	4.83	9.76	3.98	15.59	8.13		
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	5.67	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	(8.67)		
September	11.13	1.71	13.73	17.03	9.96	8.37	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	16.97	4.92	8.6	5.38	11.69		
TOTALS	100.99	67.05	106.12	95.93	93.99	73.97	124.53	97.92	78.40		

1935. Mr. Hampton Brown reported that while in neighbourhood he noticed this g. was not set vertically. Observer notified & gauge reset Oct.

1937. New rain gauge supplied 26.1 to replace one broken.

1940 X n.p. too many adjustments.

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, EXHIBITION ROAD, LONDON, S.W.7.

Station No. M. 3633/5RAINFALL at Waterslath Farm

41

County of Cumberland Observer W. Tyson Esq for M.O.River Basin 2 - DerwentType of Gauge 8-40 in. EWAnnual Average 28.5 in. based on 24 years obs. un-weighted. Period of average 1886-1950 Ref. 885 in. computed by Mr Conish (1743) + 1820 + 8740 1881-1950File No. 147275/31

Diameter	5"					592	655					
Height	1' 0"						1					
Altitude	800						4					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.21	(6.77)	15.63	13.21	7.79	12.68	9.74	15.61	7.22	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	6.75	2.66	5.13		
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	4.08	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	100.73	88.15	98.53		10
	d	d	d	d	d	d	d	d	d	d		

1941. Feb to Dec part estd.

1942. Jan pt. estd. for snow.

20004 40004

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. 3633/5 m

51

RAINFALL at Watendlath Farm

County of Cumberland

Observer W. Tyson Esq.

River Basin Eskuent - 2

Type of Gauge 10 (on beam)

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

Ref.

88.5 in. computed by Mr. Cornish 1943 & 2000/5/50

File No. 127275/21

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	5.78	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	19.2			
May ...	3.62	4.43	2.84	4.73	8.26	5.24	4.51	7.24			
June ...	2.69	3.73	3.03	8.45	3.41	3.39	1.72	10.0			
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	100			
TOTALS ...	96.54	70.86	77.36	24.04	64.64	69.58	82.44	71.60			
	D	D	D	D	D	D	np	np			

1956 low, but accept.

1957 np. low.

1959 terminated, poor record & not rec. now.

1958 np inc

10004

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

35/277163

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			C 1932 ✓ np 40	✓ limited 41-45	