

RAINFALL AT *Wheary*

70

Lat.

Lon.

County of *Cumberland*

Rain Gauge, by

Observer *E. Bateman Esq. F.R.*

Diameter.									7			
Height.									1. -			
Altitude.									2100			
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.									13.30	2.80		
February.									8.90	7.70		
March.								# 2 4.50	5.90	10.70		
April.								4.90	4.50	4.30		
May.								9.60	10.30	3.00		
June.								10.20	5.50	14.40		
July.								14.20	2.10	14.40		
August.								13.10	9.90	13.00		
September.								8.40	14.10	15.00		
October.								22.10	17.10	6.10		
November.								28.90	3.20	2.80		
December.								14.60	4.90	11.30		
TOTALS.									99.70	105.50		

RAINFALL AT *Ullswater*

80

Lat. _____

Lon. _____

County of *Cumberland.*

Rain Gauge, by _____

Observer *J. F. Bateman, Esq., F.R.S.*

Derwent - 2

Diameter	7										
Height	1.0										
Altitude	2,100 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	5.30	1.50	11.40	19.40	20.50	9.70	10.00	9.00	5.80	8.40	10.100
February	14.60	8.30	15.40	15.50	12.40	22.20	14.60	8.00	1.70	4.10	10.660
March	4.70	10.00	11.60	5.20	10.30	7.50	10.70	3.00	6.90	5.70	7.560
April	8.90	2.90	8.90	3.90	3.10	8.10	5.80	5.10	5.00	4.10	5.580
May	5.50	10.30	7.40	6.10	11.50	5.00	6.90	3.00	7.40	6.70	6.980
June	7.80	14.70	10.60	6.90	1.20	14.20	14.40	1.10	3.50	.90	5.530
July	10.10	11.60	19.30	6.60	9.30	7.00	11.40	7.50	13.10	6.30	10.220
August	3.80	12.80	8.50	11.40	2.90	8.00	7.20	5.00	11.60	11.80	8.300
September....	10.10	5.60	7.00	13.60	13.10	17.80	20.40	12.20	3.60	6.00	10.940
October	2.90	6.80	9.80	15.20	7.50	11.60	11.00	5.40	14.00	14.70	9.890
November....	20.10	20.80	16.70	17.40	6.90	8.60	12.00	8.80	23.00	6.40	14.070
December	9.20	10.60	10.60	10.70	16.80	6.60	10.50	8.50	16.50	10.80	11.080
TOTALS	103.00	115.90	137.20	131.90	115.50	116.10	114.90	76.60	112.10	85.90	110.910

Revised from survey, 12" low.

RAINFALL AT

Ulloaarf

Lat.

Lon.

County of

Cumberland

Duwent - 2

Rain Gauge, by

Observer

G. H. Hill Esq. C.E.

Diameter	7											
Height	1 0											
Altitude	2100 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	17.90	8.90	7.30	6.60	15.00	2.00	10.20	3.10	14.20	29.50	11.450	
February	1.50	1.80	3.50	15.00	22.10	.70	9.60	14.00	9.00	10.20	8.740	
March	8.10	5.70	2.70	5.10	7.30	9.40	14.70	11.80	5.30	7.40	7.750	
April	3.40	5.30	1.80	1.20	4.70	7.10	5.00	5.90	8.60	10.00	5.300	
May	7.00	3.70	10.40	5.30	8.20	.70	.70	5.60	6.50	7.70	5.580	
June	10.90	3.50	7.60	5.60	6.00	2.60	7.80	7.10	8.60	3.00	6.270	
July	11.50	6.40	8.80	9.50	8.40	10.70	9.80	6.10	3.70	7.20	8.210	
August	10.60	23.00	16.80	12.50	11.20	13.40	7.10	20.90	6.70	4.00	13.620	
September	14.30	17.30	22.30	10.80	.60	5.10	15.40	14.20	8.20	13.50	12.170	
October	8.40	15.80	11.30	16.40	13.30	10.20	10.30	8.70	11.50	13.30	11.920	
November	19.50	10.20	14.40	11.20	19.20	15.50	4.00	17.30	17.30	18.10	14.670	
December40	23.80	3.50	18.20	14.40	9.70	13.50	22.00	22.00	6.50	12.100	
TOTALS ...	113.50	125.40	110.40	117.40	130.40	87.10	108.10	136.70	131.60	130.40	119.100	

1880-

Repected from Survey 12" low.

RAINFALL AT

Ullscap

Lat.

Lon.

County of

Cumberland

Rain Gauge, by

Observer

G. H. Hill Esq. C.E.

Serment - 2.

Diameter ..	7											
Height	18											
Altitude ..	2100T											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	13.00	7.00	9.00	20.40	16.80	9.40	16.40	5.00	14.60	13.50	12.510	
February ..	9.00	3.30	6.00	23.50	10.10	7.00	6.50	6.70	7.40	9.50	8.900	
March	9.00	6.00	7.70	21.00	8.80	9.50	7.90	9.90	10.00	6.20	8.790	
April	6.50	6.90	5.70	3.30	13.00	11.60	2.30	5.00	3.60	6.70	6.460	
May	8.10	3.10	5.10	7.00	6.60	5.00	11.30	10.10	7.00	5.30	6.860	
June	8.30	6.20	3.00	4.50	6.50	6.70	3.40	15.20	6.60	5.10	6.550	
July	6.20	2.00	6.40	8.40	5.80	3.70	6.70	4.20	8.10	13.70	6.520	
August	10.90	10.10	6.40	18.90	11.20	9.30	12.10	11.30	14.50	7.20	11.190	
September ..	11.00	10.40	7.40	11.30	7.20	8.50	4.30	2.30	14.30	6.80	8.350	
October	15.30	12.00	11.00	35.00	8.80	10.20	17.50	16.00	5.70	23.30	15.480	
November ..	10.60	14.10	10.50	9.30	11.00	12.00	12.30	8.90	12.00	6.70	10.740	
December ..	23.00	10.00	14.00	11.70	14.10	7.40	6.50	15.00	10.00	15.10	12.680	
TOTALS ..	122.80	91.10	92.20	174.30	119.90	100.30	107.20	109.60	113.80	119.10	115.020	

41/8

Rejected from Survey. 18' low.

RAINFALL at UllscarfCounty of CumberlandObserver G. H. Hill Esq. C.E.River Basin Descent 2Name G. H. Hill Esq. C.E.

Rain Gauge, by _____

Diameter ...	7										
Height	1 8										
Altitude ...	2100 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. TOTALS
January ...	11.00	7.00	12.10	15.00	15.00	14.00	23.00	3.00	7.20	10.50	43.70
February ...	18.00	20.70	10.10	4.70	20.40	20.00	11.70	1.50	14.00	2.50	29.70
March	6.00	4.80	16.00	12.80	16.20	5.00	1.80	4.20	5.10	8.50	19.60
April	7.40	10.60	4.00	12.40	5.30	7.00	8.20	3.20	1.80	4.70	17.70
May	4.70	6.60	4.80	5.60	5.80	2.10	6.20	4.30	3.30	3.60	17.40
June	3.40	10.20	10.70	11.00	2.50	3.00	6.30	4.40	4.10	6.60	21.40
July	9.90	3.30	10.20	1.50	8.20	8.60	6.40	2.20	8.30	3.00	19.90
August	21.30	8.50	13.10	5.80	11.00	4.50	5.90	15.20	10.60	9.60	41.30
September ..	1.30	9.00	7.10	5.00	6.80	2.50	5.60	6.30	22.10	13.90	47.90
October ...	8.30	14.20	15.00	8.40	2.60	4.10	28.20	14.40	25.40	3.50	71.30
November ..	7.90	23.20	11.50	16.50	20.00	5.00	16.80	4.50	11.80	8.60	41.70
December ...	16.30	24.20	24.50	14.00	21.30	18.50	7.10	2.40	16.00	17.70	43.20
TOTALS ...	115.50	142.30	139.10	112.70	135.10	94.30	127.20	65.40	129.70	92.50	414.80

Rejected from Survey 12" low.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at ULLSCAR NEW GAUGECounty of CUMBERLAND Observer L. HolmgrenRiver Basin DERWENT 2 Manchester Corp. W.D.

Rain Gauge, by _____

Diameter ...						5						
Height						1.0						
Altitude ...						2100						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN.	1920-30 Totals
January ...	16.50	26.50	10.00	10.70	9.10	(12.00)	18.50	12.80	26.90	8.10	20.90	173.00
February ...	17.30	1.70	13.60	15.50	1.80	10.00	16.00	9.90	14.10	3.10	.50	103.50
March	12.90	18.30	6.60	4.80	2.40	2.90	8.60	12.10	11.30	2.20	8.50	90.60
April.....	11.70	2.40	3.60	5.80	4.20	14.00	7.90	7.70	3.70	3.90	5.00	69.90
May	16.30	6.70	5.90	6.50	7.10	12.00	6.10	5.80	1.60	8.50	5.60	83.10
June	4.10	1.00	5.20	5.10	5.60	.70	7.80	9.00	16.00	8.90	5.00	65.40
July	11.20	6.30	11.60	8.20	9.60	2.20	10.70	14.20	8.90	13.50	8.50	104.90
August	7.30	13.30	9.70	19.70	8.50	11.20	12.00	13.60	19.00	7.10	17.30	148.70
September...	5.70	4.60	8.20	13.70	15.60	8.90	11.90	16.00	8.40	5.20	9.40	107.60
October.....	4.90	6.60	3.50	23.30	10.20	16.50	10.00	16.00	24.70	17.80	25.60	159.10
November...	12.50	5.00	5.20	12.20	9.40	3.00	12.70	14.70	22.40	27.40	16.00	146.50
December...	10.60	23.00	13.80	8.50	14.60	13.70	3.90	4.30	10.10	26.80	9.50	138.80
TOTALS...	131.00	115.40	96.90	134.00	98.10	(109.10)	132.10	136.10	167.10	189.50	131.80	1391.10

1925 GAUGE fixed 19 Jan Jan set from old gauge.

1920-24 Readings from old gauge (retranscribed)

Rejected from survey 9.6v.

Position of Station on reduced Ordnance Survey
Map, 2 miles 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

RAINFALL at UllscaryRed gaugeCounty of CumberlandObserver Messrs G.H. Hill & Sons C.E.River Basin Derwent 2L. Holmes Lewis (1921)

Rain Gauge, by _____

Diameter ...	7										
Height	1 8			1 3							
Altitude ...	2100										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	16.50	26.50	10.00	10.70	9.10	9.40					
February ...	17.30	17.00	13.60	15.50	1.80	9.20					
March	12.90	18.30	6.60	4.80	2.40	2.60					
April	11.70	2.40	3.60	5.80	4.20	8.00					
May	16.30	6.70	5.90	6.50	7.10	7.00					
June	4.10	1.00	5.20	5.10	5.60	5.50					
July	11.20	6.30	11.60	8.20	9.60	2.80					
August	7.30	13.30	9.70	19.70	8.50	7.60					
September...	5.70	4.60	8.20	13.70	15.60	6.50					
October	4.90	6.60	3.50	23.30	10.20	12.80					
November...	12.50	5.00	5.20	12.20	9.40	2.30					
December...	10.60	23.00	13.80	8.50	14.60	9.70					
TOTALS...	131.00	115.40	96.90	134.00	98.10	77.60	See sheet for new gauge				

1924-5 on hill. W. side of lake.

1926 Not printed row

Rejected from survey, 12" low.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at UllscarfCounty of CumberlandObserver T. Bainbridge, for M.O.River Basin Derwent - 2Manchester Corp. W.W.

Type of Gauge.....

Annual Average 11.9.8 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 408
66060H/26

Diameter	5.										
Height	1.0.										
Altitude	2100.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	9.20	27.90	15.21	24.10	7.20	13.57	17.55	18.39	16.60	2.02	15174
February	10.50	.33	10.24	1.37	25.01	5.00	10.84	7.62	17.07	4.26	9218
March	2.30	7.23	5.62	8.60	3.34	10.13	7.20	9.68	9.04	11.71	7485
April	4.10	12.35	2.96	6.73	9.16	2.52	7.38	2.08	5.47	4.75	5750
May	7.80	7.12	4.07	10.27	.96	1.89	4.39	9.76	2.15	2.61	5102
June	11.80	6.94	4.17	5.22	10.79	7.07	6.21	15.95	8.69	1.60	7844
July	12.50	11.79	10.14	4.32	7.30	15.03	7.12	17.61	15.92	10.42	11015
August	6.80	1.81	6.64	14.80	7.39	7.51	6.57	8.14	4.27	7.19	7112
September	4.30	13.48	2.06	16.87	21.73	15.72	11.50	7.66	3.79	10.46	10757
October	9.40	16.51	8.86	20.43	24.97	15.73	6.54	25.91	5.75	10.90	14500
November	21.80	10.56	4.75	4.90	10.43	13.59	2.51	17.97	19.72	11.67	11790
December	10.30	26.19	1.76	20.62	7.93	21.23	6.78	9.90	7.78	13.77	12626
TOTALS	110.80	142.21	76.48	138.23	136.21	128.99	94.59	150.67	114.25	91.30	118373

1931. Gauge surrounded by turf wall in Dec. 1931.

Painted in Bk. with foot-note "turf wall round gauge."

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

Station No. TF 3630RAINFALL at 8 Millsarf

41

County of CumberlandObserver Manchester Corp W.W.River Basin Dumfries - 2

Type of Gauge

Annual Average 11.9 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 408File No. 196138/32
66604/2

Diameter	5"				5.2	7.0					
Height	1' 0"					1					
Altitude	2100'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	4.58	9.62	21.98	23.38	8.62	17.69	12.11	19.96	11.32	10.38	139.64
February	11.38	4.29	11.56	6.17	15.78	8.15	(2.50)	11.28	10.46	13.18	94.45
March	6.21	10.66	4.43	1.60	7.35	6.65	(10.00)	12.22	2.99	7.18	69.36
April	3.57	8.09	6.80	6.88	5.71	3.72	15.77	6.88	13.34	8.62	79.28
May	6.61	10.26	7.70	5.38	9.42	1.58	6.02	5.43	5.12	4.81	61.83
June	1.08	2.24	8.51	11.04	10.63	11.82	8.24	15.27	2.56	5.61	77.00
July	2.86	9.99	8.76	5.64	8.83	10.73	7.66	8.87	3.50	9.09	75.93
August	15.76	15.52	21.17	8.95	3.44	13.58	10	14.10	4.26	15.94	115.82
September	3.49	16.62	14.41	13.45	12.25	21.22	12.92	17.10	4.65	24.63	140.74
October	13.96	17.99	16.91	12.69	16.61	1.32	4.15	13.83	14.49	11.93	123.88
November	10.24	3.89	7.92	19.79	1.48	22.93	26.24	11.04	20.88	11.17	135.58
December	13.04	18.83	5.70	15.30	9.82	15.06	6.60	14.07	17.84	5.38	121.64
TOTALS	92.78 M	128.00 M	135.85 M	130.27 M	109.94 M	134.45 M	(112.31) M	150.45 M	114.41 M	127.29 M	1235.45 10

5 Tuff wall sound gauge.
1947 set & worked for m.w.

30004

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. 3630 ³⁹ 51RAINFALL at £ MilscaufCounty of CumberlandObserver Manchester Corpn. 10.10.River Basin Derwent - 2

Type of Gauge.....

Annual Average 119.8 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 405" " 124.24 " 31 " with 1725-57 " 1916-50 File No. 196728732 Exd 22/57

Diameter ...	5"				592	790					
Height ...	1' 0"					1					
Altitude ...	2100'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	12.30	(8.84)	5.61	(8.82)	12.21	(7.77)	21.80	11.94	6.74	16.59	112.62
February ...	(12.90)	2.98	4.49	(7.46)	3.74	2.12	(11.47)	11.56	3.57	(14.97)	75.26
March ...	(10.02)	7.15	1.07	(7.85)	3.47	4.97	10.56	2.40	10.27	3.36	61.12
April ...	(8.70)	5.28	5.42	2.47	6.38	2.48	2.93	4.16	10.95	9.44	58.21
May ...	3.84	5.18	3.80	(7.77)	11.70	6.72	6.16	11.08	2.09	5.01	63.30
June ...	3.16	4.67	5.09	(10.71)	7.37	6.36	3.43	6.85	6.36	7.87	61.87
July ...	6.98	6.04	13.86	11.81	5.26	10.61	10.56	7.37	11.79	11.39	95.67
August ...	12.70	12.03	10.79	12.32	5.26	15.60	12.79	10.77	2.62	6.40	101.18
September ...	16.56	10.59	17.68	24.94	10.01	9.56	13.71	15.33	1.99	8.11	128.48
October ...	2.10	9.93	5.96	33.65	9.01	10.94	17.49	13.88	19.28	7.37	129.61
November ...	22.42	7.00	19.52	27.36	7.00	4.88	5.49	3.45	16.36	23.82	137.30
December ...	22.60	6.89	6.92	19.58	20.15	16.94	13.34	8.82	22.04	13.54	150.82
TOTALS ...	134.28	86.98	100.21	(114.74)	101.56	98.85	129.73	107.61	114.01	127.87	1175.44
	M	M	M	11.48		40004	20004			20004	10

1954 Gage broken, replaced July. n.p. to mud on

1955. Sub. March. part est. 170.300

1956 Jan. est. 1102. Agn. agreed.

Insp. July 1956 Decks. of NE.

34004 40004

73004

S Varf wall.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 35/245123

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
	✓	✓	✓	✓	