

RAINFALL AT *Waprestdale Wardstone*

80

Lat. Lon. County of *Lancashire*
 Rain Gauge, by Observer *A. Greer Esq.*

Wye +65

Diameter					8						
Height					1 -						
Altitude					1440T						
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January					6.50	3.30	6.30	4.20	2.45	3.40	
February					4.60	3.60	1.85	4.10	2.05	2.65	
March					3.20	4.90	5.45	3.05	3.40	7.00	
April					1.80	3.10	2.60	2.35	3.20	1.95	
May					4.30	2.75	4.85	2.80	1.40	3.20	
June						3.85	3.80	.55	2.16	.85	
July						7.40	2.60	7.80	3.50	9.04	3.65
August					3.00	3.25	3.50	2.20	4.80	8.35	
September						8.50	6.10	7.15	4.65	5.05	
October					5.20	6.45	6.45	3.20	2.25	5.30	
November					2.00	5.05	5.85	4.00	6.90	2.70	
December					5.20	2.30	6.40	3.69	4.30	5.10	
TOTALS						49.65	60.95	40.79	46.60	49.20	

Waprestdale Church 3 miles SW.

1884 Sept: gauge tampered with.

N.B. Annual average 1885-1929, rejected from survey as 5' low.

RAINFALL AT *Wynesdale Wardstone*

Lat. _____

Lon. _____

County of *Lancashire*

Rain Gauge, by _____

Observer _____

J. Cook Esq. CR.

Wynesdale 65 months

Diameter	8										
Height	1 0										
Altitude	1440 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.90	2.40	5.20	3.30	4.72	3.35	5.81	1.29	8.75	8.50	4.922
February90	.90	2.20	5.40	7.35	.83	3.11	6.08	5.95	2.76	3.548
March	6.35	1.50	7.5	2.20	4.46	6.95	8.26	8.15	3.57	3.88	4.607
April	1.80	1.35	2.10	20	2.65	4.00	3.05	5.07	4.57	5.71	3.050
May	3.00	2.40	5.90	1.40	3.93	1.62	.97	4.03	4.75	4.92	3.292
June	6.00	60	3.80	2.60	6.38	3.15	5.00	6.25	4.86	2.01	4.065
July	6.25	4.40	1.40	4.70	6.46	8.50	6.50	3.30	2.08	3.97	4.756
August	7.50	12.00	8.15	4.15	8.51	8.17	5.80	7.57	9.92	2.06	7.373
September....	4.15	7.20	6.80	7.00	.97	1.70	9.20	7.87	3.85	9.26	5.800
October	5.80	4.20	4.60	10.00	5.72	8.00	5.55	3.53	5.93	4.93	5.826
November....	6.90	5.20	2.20	5.03	6.10	5.40	2.75	8.28	8.90	5.46	5.622
December60	7.00	2.10	5.10	6.30	6.26	8.70	7.25	7.58	5.65	5.654
TOTALS . . .	55.15	49.15	45.20	51.08	63.55	57.93	64.70	68.67	70.61	59.11	58.515

N.B. Rejected from Survey as 5' low.

RAINFALL AT Wyersdale Wardstone

Lat.

Lon.

County of Lancashire North

Rain Gauge, by

Observer

J. Cook Esq C.E.
J.C. Mount Esq C.E.

Wye 5 M

Diameter ..	8										
Height	1.0										
Altitude ..	1440 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.03	3.20	6.20	9.17	6.80	4.83	8.34	3.87	8.68	3.97	6.209
February ..	4.40	3.95	2.12	7.68	5.11	3.40	6.89	3.57	5.70	4.31	4.713
March	1.03	4.10	4.92	6.26	4.70	4.57	5.81	7.97	4.61	4.07	4.804
April	4.32	3.75	2.60	4.68	6.20	5.09	2.45	3.08	3.63	5.09	4.089
May	2.76	1.50	4.77	4.71	3.53	3.20	8.50	5.41	5.07	4.23	4.368
June	5.14	2.61	1.60	3.00	1.96	2.78	5.25	10.60	4.83	3.07	4.084
July	4.55	3.20	8.64	6.50	3.90	4.90	4.65	4.85	6.40	11.81	5.940
August	6.70	5.84	4.60	11.91	4.53	6.60	8.09	9.30	6.94	5.60	7.011
September ..	7.31	2.35	2.80	7.67	2.93	5.60	2.39	1.97	8.75	4.63	4.640
October	10.75	6.80	6.60	13.10	5.12	5.00	9.87	7.13	2.57	8.96	7.590
November ..	6.20	8.22	5.06	6.07	5.67	7.80	7.29	7.02	5.81	4.20	6.334
December ..	8.10	8.16	7.10	5.50	5.15	1.65	6.90	8.13	4.71	11.95	6.735
TOTALS ..	68.29	53.68	57.01	86.25	55.60	55.42	76.43	72.90	67.70	71.89	66.517

Hals

N.B. Rejected from survey as 5" too low.

RAINFALL at Wysesdale WardstoneCounty of North LancashireObserver A. G. Bradshaw EsqRiver Basin Wyre + C 57 Hill by C.B.

Rain Gauge, by _____

Diameter ...	8											
Height	1.0											
Altitude ...	1440 ^T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	9.19	2.42	6.71	7.76	8.27	6.09	5.95	4.13	4.81	6.17		
February ...	9.31	5.62	4.10	3.50	3.33	6.25	4.50	2.71	7.19	2.49		
March	1.61	2.95	8.53	6.98	6.17	3.59	2.09	3.99	3.91	6.67		
April	3.67	5.13	1.99	6.20	1.71	3.61	4.13	2.05	2.07	3.05		
May	3.60	3.04	3.77	3.95	4.41	3.00	5.04	2.55	2.32	3.75		
June	3.25	5.91	7.67	4.32	2.26	.91	4.27	4.11	3.14	2.62		
July	4.80	1.93	5.59	2.50	4.92	5.55	4.70	2.33	6.11	2.51		
August	11.79	5.34	8.62	5.13	3.75	6.07	4.26	8.11	6.27	7.45		
September ..	1.18	4.37	3.27	5.35	4.30	1.07	5.19	6.17	11.77	5.15		
October ...	4.26	5.50	5.38	4.07	2.42	1.87	9.81	7.91	6.08	4.53		
November ...	5.13	8.44	6.50	7.83	6.97	2.27	5.42	7.28	3.31	4.83		
December ...	7.42	11.23	6.70	5.95	6.25	8.26	5.17	3.47	10.87	7.80		
TOTALS ...	65.21	61.88	68.83	63.54	54.76	48.54	60.53	54.81	67.83	57.07		

N.B. Average corrected from survey as 5' low.

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

RAINFALL at *Kyresdale Wardstone*County of *N. Lancashire*Observer *F. Hill Esq. C.E.*River Basin *Kyres & C 5*Water Eng. *Lawson*

Rain Gauge, by _____

Diameter ...	8										
Height	1 0										
Altitude ...	1240										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS 1930
January ...	5.19	9.57	3.67	8.16	5.43	4.75	5.60	6.23	13.09	2.93	7.32
February ...	4.50	7.1	7.27	6.17	1.15	6.22	6.85	4.63	7.22	2.07	.61
March	6.10	6.54	3.19	1.85	2.05	2.40	3.37	5.92	4.91	2.11	4.82
April	8.02	3.17	2.80	4.73	2.55	4.72	3.20	4.30	3.73	2.03	3.13
May	9.00	4.91	2.57	5.40	5.61	4.92	3.67	3.11	2.03	3.82	2.71
June	4.78	1.13	4.16	2.20	6.15	1.87	5.11	5.93	18.83	2.91	3.97
July	8.37	3.81	8.95	9.03	4.75	4.17	7.47	4.97	7.15	5.54	5.73
August	4.31	8.73	8.50	7.51	7.90	6.33	6.17	8.91	8.85	10.60	9.87
September...	5.09	3.91	7.04	8.56	7.80	5.73	7.15	9.79	5.11	5.45	4.91
October	2.93	5.09	2.51	9.93	6.96	7.00	5.09	6.85	8.66	11.36	10.73
November...	5.07	3.87	4.21	9.02	5.97	4.09	7.21	6.75	8.90	10.73	6.83
December...	3.99	10.39	7.87	7.27	10.28	4.29	3.71	3.73	5.67	10.17	6.63
TOTALS...	67.35	61.83	62.54	79.85	66.60	56.49	64.60	71.12	86.35	70.02	67.26

1925. Records taken monthly

*N.B. Annual average 1885-1929 rejected from Survey as 5" low*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
1926.	54° 1' 16"	2° 37' 58"	Baton	5 1/2 m.	N.W.	Nether Kyresdale Anglican, Christ Ch.	3 1/2 m.	S.W. by S.

RAINFALL at Wyresdale (Wardstone)

County of North Lancashire

Observer F. Hill, Esq., C.E.

River Basin Wyre & C. - S.

Type of Gauge M.O.

Annual Average 60.8 in. based on 45 years obs. unweighted. Period of average 1881-1925 Ref. S
678707/26.

Diameter	8.											
Height	1.0.											
Altitude	144.0.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	7.81	7.54	5.51	6.21	3.78							
February	6.72	1.9	6.72	.33	8.43							
March	1.21	3.83	3.91	3.29	2.17							
April	3.87	4.21	2.96	3.79	3.63							
May	3.09	6.30	3.30	6.98	2.10							
June	8.17	2.11	3.59	4.72	5.45							
July	7.29	9.71	7.27	4.29	4.16							
August	5.77	3.53	3.44	7.89	4.07							
September	4.98	8.81	2.81	7.09	9.17							
October	5.77	8.91	7.30	8.71	4.2.98							
November	8.09	6.74	2.62	2.14								
December	3.83	6.43	1.47	7.63								
TOTALS	66.60	68.31	50.90	63.07	impr.							

Inspected 1934 :- It was not possible to see the actual position of the gauge which gives deficient catch. Very few different kind suitable site on land draining to Turner's Beck. Suitable sites are available just outside the catchment area 1) to the east of Wardstone on land draining to Rushbed Gully 2) to the east of Grit Fell on land draining to Udale Beck. The former is preferable. Alternatively a site could be found on land draining to the Ghyke. A weekly record from a site on Martham Fell would be useful. In all these cases a turf wall round the gauge is necessary.

1935. Record discontinued.

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
			Baton	5½ m	NW	Abbeystead	3½ m	S.W.

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