

RAINFALL AT Weyresdale Wardotone

80

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer A. Greer Esq.

Wye & 6 5

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	6.10	3.69	4.30	5.10
TOTALS						49.65	60.95	40.79	46.60	49.20	

Weyresdale Church 3 miles SW.

1884 Sept. gauge tampered with.

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

RAINFALL AT WYNSDALE WARDSTONE

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer

J. Cook Esq. Cr.

Wynsdale Monthly

Diameter	8"										
Height	10										
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	2.548
March	6.35	1.50	75	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	4.456
August	7.50	12.00	8.15	4.15	8.51	8.17	5.80	7.57	9.82	2.06	7.272
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	5.664
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 Wypre-dale Wardstone

Lat.

Lon.

County of Lancashire North

Rain Gauge, by

Observer

J. Cook Esq C.E.

J.C. Mount Esq C.E.

Wypre 5

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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	62009
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	6.09	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	66.51 ⁵⁵³¹

N.B. Rejected from Survey as 5° too low.

RAINFALL at Wypesdale Wardstone

County of North Lancashire

Observer A. G. Bradshaw Esq.

River Basin Wyre & c. 5

7 Hill Esq. Ch.

Rain Gauge, by

Diameter ...	8										
Height	1.0										
Altitude ...	1440T										
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	5.96	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	4.53	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	4.63	
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	7.86	
TOTALS ...	65.21	61.88	68.83	63.54	54.76	48.54	60.53	54.81	67.85	57.07	

N.B. Average rejected from Survey as 5° low.

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

RAINFALL at Wryedale Wardstone

County of N. Lancashire

Observer F. Hill Esq. G.E.

River Basin Wrye & C 5

Water Evap. Gauge

Rain Gauge, by

Diameter ...	8									MEANS 1930
Height	1	0								
Altitude ...	1440									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	5.19	9.57	3.67	8.16	5.43	4.75	5.60	6.23	13.09	2.93
February ...	4.50	7.71	7.27	6.17	1.15	6.22	6.85	4.63	7.22	2.07
March	6.10	6.54	3.19	1.85	2.05	2.40	3.37	5.92	4.91	2.11
April	8.02	3.17	2.80	4.75	2.55	4.72	3.20	4.30	3.93	2.03
May	9.00	4.91	2.57	5.40	5.61	4.92	3.67	3.11	2.03	3.82
June	4.78	1.13	4.16	2.20	6.15	1.87	5.11	5.93	10.83	2.91
July	8.37	3.81	8.95	9.03	4.75	4.17	7.47	4.97	7.15	5.54
August	4.31	8.73	8.50	7.51	7.90	6.33	6.17	8.91	8.85	10.60
September...	5.09	3.91	7.04	8.56	7.80	5.73	7.15	9.79	5.11	5.45
October.....	2.93	5.09	2.51	9.93	6.96	7.00	5.09	6.85	8.66	11.36
November...	5.07	3.87	4.21	9.02	5.97	4.09	7.21	6.75	8.90	10.43
December...	3.99	10.39	7.87	7.27	10.28	4.29	3.71	3.73	5.67	10.14
TOTALS...	67.35	61.83	62.54	79.85	66.60	56.49	64.60	71.12	86.35	40.02
										67.26

1925. Records taken monthly

N.B. Annual average 1885-1929 rejected from Survey as 5" lowPosition of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1926.	5° 1' 16" N	2° 37' 55" E	Barton	5 3/8 m.	N.W.	Nether Lonsdale Abbystead, Christch.	3 3/8 m.	S.W. by S.

RAINFALL at Wyresdale (Wardstone)

County of North Lancashire

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

River Basin Wyre & S.

Type of Gauge M.O.

Annual Average 60.9 in. based on 45 years obs. unweighted. Period of average 1881-1915 Ref. S
678707/26

Diameter	8.										
Height	1.0.										
Altitude	1440.										
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	1.19	6.72	.33	8.43						
March	1.21	3.83	3.91	3.29	2.17						
April	3.87	4.21	2.96	3.19	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	8.91	2.81	7.09	9.17						
October	5.77	8.91	7.30	8.71							
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	unp.						
	M	M	M	M							

Inspected 1924:— It was not possible to see the actual position of the gauge which gives different catch. Very difficult to find suitable site on land draining to Tarnbrook. Suitable sites are available just outside the catchment area: 1) to the east of Wardstone outland draining to Rushhead Gill or 2) to the east of Grind Fell on land draining to Ulver Becks. The former is preferable. Alternatively a site could be found on land draining to Dovey Beck. A weekly record from a site on Marsham Fell would be useful. In all these cases a turf wall round the gauge is recommended.

1935. Record discontinued.

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
			Barton	5½ m	NW	Abbeystead	3¼ m	S.W.