

RAINFALL AT *Wyresdale, Abbeystead, Des.*

80

Lat. Lon. County of *Lancashire*

Rain Gauge, by Observer *H. C. M. Esq. C.S.*

Wyre 765

Diameter					8							
Height					1.0							
Altitude					366T							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January					5.58	2.70	6.07	2.90	2.16	2.95		
February					3.52	3.90	1.52	3.57	1.34	2.99		
March					4.03	4.44	4.07	2.71	3.88	4.84		
April					1.35	2.64	3.11	2.07	2.10	2.20		
May					3.73	2.10	4.70	2.54	1.59	3.76		
June65	2.70	2.63	.51	1.68	1.35		
July ..					6.65	1.87	5.42	1.52	7.68	2.89		
August					1.98	2.49	2.40	2.15	3.82	7.17		
September...					4.20	6.41	4.44	5.70	3.60	4.34		
October					4.23	6.97	5.91	2.78	2.80	5.47		
November...					2.34	4.05	4.46	3.54	6.85	2.47		
December...					4.88	2.12	6.92	3.16	3.68	3.75		
TOTALS					43.14	42.36	51.62	33.15	41.18	44.18		

RAINFALL AT Wyresdale Abbeystead Des.

Lat. _____

Lon. _____

County of Lancashire

Rain Gauge, by _____

Observer J. Cook Esq. C.E.

Wyres 6.5

Diameter	8											
Height	10											
Altitude	366 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.10	2.31	4.48	2.37	5.31	2.98	3.03	.98	4.37	5.64	3.857	
February	1.06	.54	2.59	6.61	5.80	.51	2.16	2.97	3.69	2.70	2.868	
March	5.47	1.84	.96	2.35	2.80	5.90	5.88	6.91	1.97	2.70	3.678	
April	1.73	2.84	2.00	.44	2.55	3.14	1.88	3.18	2.64	3.52	2.392	
May	2.71	2.51	6.18	2.17	2.99	1.41	.70	2.65	3.11	3.55	2.798	
June	4.74	1.24	2.70	2.57	4.46	3.01	3.50	3.88	2.61	2.08	3.079	
July	4.81	3.92	2.06	5.19	6.48	6.65	4.69	1.55	1.34	2.73	3.942	
August	7.86	12.57	6.58	4.57	6.74	6.25	4.18	5.85	5.76	2.05	6.241	
September....	5.08	5.99	6.92	6.39	.87	1.23	6.63	4.34	2.03	6.37	4.585	
October	4.31	4.99	5.79	7.98	4.85	6.25	3.96	2.17	3.55	3.19	4.704	
November....	7.43	6.70	3.63	3.61	4.24	3.72	1.41	3.97	4.01	3.44	4.216	
December55	8.12	4.30	4.60	4.42	5.08	6.29	4.65	3.93	3.57	4.551	
TOTALS	52.85	53.57	48.19	48.85	51.51	46.13	44.31	43.10	39.01	41.54	46.906	

RAINFALL AT Wyresdale Abbeystead Reservoir

Lat.

Lon.

County of Lancashire North

Rain Gauge, by

Observer

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

Wyre 5

Diameter ..	8											
Height	1.0											
Altitude ..	366 T											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.	
January ..	6.35	1.93	3.50	4.85	4.12	2.47	5.89	1.99	4.39	2.40	37.89	
February ..	4.35	2.28	1.59	4.82	4.12	2.32	3.30	2.04	3.63	2.69	31.14	
March68	4.60	3.53	4.17	3.26	2.59	3.80	3.86	3.13	3.54	33.16	
April	2.54	2.29	1.91	2.35	4.19	3.53	1.60	2.16	3.22	4.00	27.79	
May	1.35	1.03	3.29	4.37	2.95	1.88	5.93	3.72	3.19	2.66	29.87	
June	3.78	1.49	1.26	1.62	1.68	1.77	2.91	8.95	2.64	2.82	28.92	
July	2.89	1.47	5.12	3.98	3.26	3.26	2.76	3.56	4.34	8.15	38.79	
August	6.32	3.63	3.33	7.49	3.83	4.84	4.75	5.98	5.31	4.32	49.80	
September ..	1.98	1.68	1.27	6.58	2.04	4.20	1.38	.97	6.30	2.81	29.21	
October	7.29	4.54	3.98	9.56	3.34	3.80	7.72	5.14	2.26	5.47	53.10	
November ..	3.65	5.27	3.15	3.90	3.50	4.70	3.64	4.78	4.40	1.92	32.91	
December ..	4.63	4.80	3.94	3.90	3.64	1.01	4.36	5.42	4.22	8.03	43.95	
TOTALS ..	45.81	35.01	35.87	57.59	39.93	35.87	48.04	48.57	47.03	48.81	442.53	

Hub

RAINFALL at Wyresdale Abbeystead Res

County of North LancashireObserver A. G. Bradshaw EsqRiver Basin Wyre + C 5Trillby Cl.

Rain Gauge, by _____

Diameter ...	8											
Height	1.0											
Altitude ...	366 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January	4.79	1.58	5.76	5.27	5.10	6.23	4.64	3.08	4.77	6.58		Totals 75.3 17.04
February	5.24	3.79	2.20	2.07	4.70	7.80	4.45	1.44	5.40	1.63		12.92
March	1.15	2.12	5.42	5.88	6.82	2.76	1.98	3.69	2.26	6.84		14.77
April	2.75	2.95	1.02	6.12	1.34	3.61	3.59	2.23	1.36	2.78		9.96
May	2.38	2.41	2.48	3.36	3.33	1.78	3.99	2.25	2.01	1.92		10.17
June	2.28	3.68	5.42	2.72	2.02	.98	3.71	3.52	2.34	2.48		12.05
July	5.88	1.11	5.53	1.94	5.08	5.34	4.13	1.77	4.90	2.59		13.39
August	5.97	4.10	6.34	2.61	2.72	6.10	3.98	8.59	5.41	4.82		22.80
September	.72	4.47	2.57	3.69	3.76	.58	4.11	5.60	9.13	3.89		22.43
October	3.05	5.11	5.22	3.36	2.23	1.99	10.55	8.43	4.83	3.39		27.20
November	5.17	6.42	5.99	5.04	6.48	2.43	4.71	6.03	2.90	3.22		16.86
December	4.68	9.81	4.33	4.03	6.32	9.52	4.10	3.26	9.18	7.91		21.45
TOTALS	44.06	47.55	58.28	46.09	49.90	49.42	53.94	40.89	54.49	47.72		206.04 17.16

+ Inspected

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

RAINFALL at Kynesdale Abbeystead ReservoirCounty of N. LancashireObserver F. Hill Esq. C.E.River Basin Kyre & C 5Water Eng. Lancaster

Rain Gauge, by _____

Diameter ...	8												
Height	10												
Altitude ...	366												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS. 1930	TOTALS.	
January ...	5.37	8.14	4.63	5.82	4.39	4.01	7.26	5.19	12.90	2.71	6.57	66.99	
February ...	3.23	4.7	6.77	9.02	1.39	6.40	5.56	3.78	6.13	1.37	4.8	44.60	
March	6.10	5.66	2.91	1.93	1.91	2.00	2.14	4.74	4.67	1.55	3.69	37.30	
April	7.06	2.13	2.46	4.11	2.20	3.48	2.24	2.95	1.96	2.22	2.35	33.16	
May	7.26	3.23	2.35	4.42	5.38	4.91	3.33	2.19	7.8	3.05	1.41	38.31	
June	2.81	.81	3.90	1.58	4.11	.88	4.74	5.12	8.58	2.30	2.56	37.39	
July	7.02	1.87	7.36	6.56	4.27	3.88	4.99	6.02	6.61	4.99	4.49	58.06	
August	2.53	7.39	6.18	7.36	7.74	5.60	4.82	8.22	7.72	7.11	9.51	73.18	
September...	3.36	1.88	6.24	6.23	6.86	4.80	6.44	9.14	2.55	3.17	3.16	53.83	
October	1.52	2.94	1.69	7.93	5.52	7.18	4.44	5.35	7.94	8.72	8.57	61.80	
November...	3.12	3.06	4.37	8.21	4.09	3.06	8.64	6.41	7.79	9.05	6.19	63.99	
December...	4.19	7.64	6.84	5.97	7.99	3.17	1.87	1.86	4.15	9.76	5.32	58.78	
TOTALS...	53.57	45.22	55.70	69.14	55.85	49.37	56.47	60.97	71.78	56.02	53.30	627.39	456

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map _____

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1926	53° 58' 57"	2° 39' 55"	Bay Horse	4 ³ / ₈ m.	WSW	Nether Wyresdale, Christ Ch.	1400 yds.	WNW

RAINFALL at Wyresdale (Abbeystead Res.)

County of North LancashireObserver F. Hill, Esq., C.E.River Basin Wyre & C. - S.Type of Gauge M.O.Annual Average 47.9 in. based on 46 years obs. un-weighted. Period of average 1881-1915 Ref. S

678707/26.

Diameter	8.					5						
Height	1.0.											
Altitude	366.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.96	5.00	4.18	5.32	2.86	5.83	4.44	6.62	5.38	3.97		Total 49.57
February	4.79	1.9	5.33	3.2	6.85	3.26	7.88	2.01	4.41	2.14		37.21
March	7.75	3.60	2.80	8.64	1.41	3.00	2.08	1.60	3.33	4.83		27.04
April	3.88	3.58	2.76	3.44	3.17	1.03	4.54	8.2	2.64	4.05		29.91
May	2.88	5.04	2.55	4.26	1.85	1.86	2.29	3.95	1.23	1.27		27.18
June	8.37	1.53	2.85	2.75	5.49	4.76	3.40	6.00	4.56	7.1		40.42
July	5.38	5.99	4.31	2.63	2.80	5.32	2.37	5.12	6.54	6.15		46.6
August	5.09	1.96	3.42	7.42	3.47	3.32	3.53	3.30	2.28	3.53		37.82
September	3.76	8.47	1.28	4.62	9.21	5.80	2.67	2.64	2.14	7.14		48.78
October	3.88	8.00	5.86	8.07	8.73	4.67	2.52	12.61	2.59	5.46		62.39
November	9.47	3.80	3.40	1.92	5.32	6.17	1.90	5.87	7.23	6.40		51.48
December	4.19	3.49	1.02	7.40	3.79	6.83	2.77	5.81	3.05	6.40		44.75
TOTALS	58.40	50.85	39.76	51.79	54.95	51.85	41.39	56.86	45.43	52.08		503.16
	D	D	D	D	D	D	D	D	D	D		4226

Inspected 1924:- Standard Gauge in use. Small leak at rim and bottom of outer can. Recommended Gauge in replacement.

Excellent exposure.

1st Oct. 1924. New Standard g. fixed in old position

1924 Buildings - 70 yds N.W.

1927 Cottages 30' high 170' N.W.

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
			Baythorpe	1 1/4 m	W	Abbeystead	1400'	N.W.

Station No. 3063

RAINFALL at Wyresdale (Abbeystead Pk.)

41

County of North Lancashire Observer J. Hill Esq. C.E.

River Basin Wyre & C. - 5

L. Lyons Esq. C.E. (1946)

Type of Gauge m.o.

Annual Average 47.9 in. based on 46 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 678724/26

Diameter	5"			577	724							
Height	1'0"				1							
Altitude	366'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.42	6.17	8.65	6.67	3.47	4.74	4.73	10.00	3.66	3.91		Totals. 56.82
February	6.61	1.96	3.03	2.24	5.22	4.68	1.20	2.61	3.08	5.42		38.05
March	3.23	3.67	1.07	.86	3.51	1.04	7.99	3.26	2.60	2.66		29.89
April	2.06	2.54	3.11	3.35	3.01	1.78	4.33	2.15	5.02	3.25		30.80
May	3.24	4.31	4.26	4.68	3.72	2.02	2.73	2.42	2.49	1.75		31.65
June	.74	1.09	3.61	4.30	6.22	3.21	3.75	6.57	1.19	5.37		38.05
July	1.62	6.26	4.49	4.22	4.25	5.96	6.07	3.89	4.59	5.60		46.95
August	6.86	6.78	7.98	3.83	2.22	8.75	.23	4.63	4.05	9.00		54.35
September	1.74	5.29	5.48	8.58	5.05	7.65	5.66	5.30	2.38	8.70		55.83
October	6.56	8.20	4.90	7.14	5.70	.51	.84	4.82	7.10	4.20		49.77
November	3.12	1.41	3.36	6.60	.39	7.25	6.19	3.87	6.91	5.81		44.72
December	3.25	4.65	3.26	5.29	3.78	6.50	3.37	4.58	7.62	2.97		45.27
TOTALS	41.81 D	52.33 2	53.20 3	57.76 3	46.54 D	54.09 D	47.09 D	54.10 2	50.69 D	58.64 D		515.95 206

1941. Sottages 30' high 170' N.N.W.

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.
1941			Bay Horse	5 m.	W.	Abbeystead	3/4 m.	W.N.W.

BRITISH RAINFALL ORGANIZATION

Station No. 3063

RAINFALL at Wyresdale (Abbeyhead Res.)

51

County of N. Lancashire

Observer L. Lyons Esq. C.E.

River Basin Wyre & C-5

Type of Gauge M.D.

Annual Average 42.9 in. based on 46 years obs. un-weighted.

Period of average 1881-1915 Ref. S

52.93 " " 35 " " 1916-1950

File No. 1916-1950 678/107/26 P

Diameter ...	5"			577	724						
Height ...	1' 0"				1						
Altitude ...	366'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means 1881-1915
January ...	5.50	5.97	2.60	6.50	3.12	5.57	5.06	5.64	3.29	6.18	49.43
February ...	5.30	1.70	2.28	4.72	2.72	6.4	4.76	8.76	1.43	4.94	37.25
March ...	5.61	2.86	1.95	3.43	2.05	1.73	3.91	2.09	3.44	2.10	28.17
April ...	3.13	4.09	4.08	1.59	3.67	1.80	1.44	2.27	3.29	4.19	29.55
May ...	2.60	3.40	2.70	3.48	5.05	3.24	3.22	7.03	2.82	3.34	36.88
June ...	1.17	5.59	3.57	5.88	4.45	3.83	2.45	5.13	4.44	1.88	38.39
July ...	4.50	2.84	7.61	8.71	1.58	4.80	6.50	3.74	4.67	9.40	54.35
August ...	4.74	7.87	6.27	7.91	1.28	14.09	6.16	6.00	6.5	5.90	60.87
September ...	4.67	5.35	7.56	8.46	3.61	3.86	10.42	5.80	6.4	4.31	54.68
October ...	2.15	5.65	2.60	11.88	2.94	3.92	7.66	5.92	5.58	4.06	52.36
November ...	9.17	2.30	6.54	8.23	3.07	1.98	2.57	2.68	6.53	11.09	54.16
December ...	12.37	4.53	2.57	7.48	6.10	6.17	6.52	4.87	11.50	5.83	67.94
TOTALS ...	60.91	52.15	49.33	78.27	39.64	57.63	60.67	59.93	48.28	63.22	564.03
	D	D	D	D	D	D	D	D	D	D	

1951 bottles 30' high at 11.11 A.M.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

34563542

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Bay Horse	5 m	N	Abbeyhead	3/4 m.	W.N.W.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓	D 26-30	✓	✓	