

## RAINFALL AT

Preston W N

Shade Mill

Jas. Wemyss G.C.

Rain { By .....  
Gauge { Diameter..... 6 ..... in.

Height above Ground, ... 1 ... ft. ... 2 ... in.

Above Mean Sea Level, ... 400 ... ft.

YEAR.....							1866	1867	1868	1869	MEANS.
January .....							5.20	4.18	3.82	4.10	
February .....							4.30	3.02	2.93	5.87	
March .....							2.08	1.04	5.35	2.58	
April .....							.75	5.40	2.16	2.68	
May .....							1.48	1.89	1.40	3.50	
June.....							4.35	.90	1.15	2.19	
July .....							4.77	3.08	.65	.99	
August.....							5.25	2.92	3.90	3.76	
September ...							8.00	3.56	2.28	7.92	
October.....							2.60	5.58	6.18	3.75	
November.....							7.60	2.35	3.95	5.10	
December.....							5.78	4.37	7.82	4.84	
TOTALS .....							52.16	39.09	41.59	47.28	

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RAINFALL AT *Preston N. W. Spade Mill*

Lat.....

Lon.....

County of..... *Lancashire*Rain Gauge, by..... Observer *J. Armytage, Esq. C.E.*

Diameter.....	.8	.										
Height.....	1	.2	.									
Altitude.....	400.	.										
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.60	1.44	4.80	4.91	4.00	4.96	2.54	7.02	4.30	1.05	3.86	2
February.....	7.19	3.47	3.90	7.0	1.51	1.30	5.00	3.60	1.97	2.30	2.49	4
March.....	2.49	7.16	3.76	3.22	4.62	1.20	3.40	3.95	1.61	2.00	2.74	1
April.....	1.80	2.83	2.76	.94	1.26	1.13	2.48	2.70	1.30	1.14	1.83	4
May.....	1.74	1.74	2.10	2.34	1.70	2.23	.60	2.40	5.00	2.48	2.23	3
June.....	2.30	2.60	5.36	3.24	1.34	4.12	4.15	1.68	3.02	4.40	3.22	1
July.....	2.28	6.00	5.44	3.70	2.32	4.10	4.30	4.61	1.05	5.31	3.91	1
August.....	3.50	1.92	4.97	4.56	5.75	2.96	4.06	5.57	5.10	7.32	4.57	1
September.....	3.81	3.83	6.70	2.50	4.28	4.20	5.10	6.34	6.09	3.30	4.61	5
October.....	11.00	3.76	5.43	6.97	5.48	4.38	3.10	5.95	5.00	3.50	5.45	7
November.....	3.07	1.65	3.44	2.34	5.00	5.02	3.05	5.30	3.18	.95	3.30	0
December.....	3.06	3.33	3.04	1.55	3.30	2.40	4.15	5.70	1.96	2.23	3.13	2
TOTALS.....	39.84	33.73	57.70	36.97	46.56	38.00	41.93	54.82	39.58	36.58	40.37	1

RAINFALL AT *Spade Mill*

80

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of

*Lancashire*

Rain Gauge, by \_\_\_\_\_

Observer

*H. Peak, Esq**Ribble & Co.*

Diameter ....	8											
Height .....	1.2											
Altitude ....	400 T											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.63	.60	3.63	4.78	5.58	2.83	5.10	3.45	1.89	2.40	3.089	
February ....	2.78	6.07	3.22	3.43	3.60	3.96	1.20	2.10	.93	3.30	3.059	
March .....	2.25	4.17	4.60	2.37	5.58	3.40	2.92	2.90	4.18	3.90	3.627	
April .....	1.15	2.03	5.04	2.15	.90	1.85	3.10	1.95	2.10	2.67	2.294	
May .....	2.09	4.78	2.87	.63	1.97	1.85	4.92	2.32	.75	2.50	2.468	
June .....	5.35	2.54	5.14	4.02	.92	3.46	2.30	.70	2.36	.65	2.744	
July .....	5.40	7.16	7.07	2.74	6.05	2.15	4.30	1.85	7.10	3.70	4.752	
August .....	1.86	6.63	5.25	3.34	2.23	1.34	1.40	2.00	5.20	4.60	3.885	
September ....	2.17	2.57	2.25	5.61	3.45	4.37	4.92	3.70	1.20	3.94	3.419	
October .....	2.85	2.95	4.22	6.25	4.36	5.40	4.80	2.62	3.00	2.70	3.915	
November ....	6.20	5.80	7.00	4.70	1.47	3.60	3.85	2.45	3.50	2.10	4.067	
December ....	7.30	4.80	4.00	3.60	6.15	2.45	5.26	3.41	2.80	4.18	4.395	
TOTALS ....	40.03	50.10	54.30	43.62	42.26	36.66	44.07	29.45	35.01	36.64	41.214	



# RAINFALL AT Preston W. W. Spade mill

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

Lancashire

Rain Gauge, by \_\_\_\_\_

Observer \_\_\_\_\_

H. Reah Esq

J. Cookson Esq

Rubble 26.1

Diameter ....	8											
Height .....	12											
Altitude ....	400 T											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	4.95	2.00	3.30	1.90	3.43	3.10	2.90	1.29	5.40	4.54	3.281	
February ....	.95	.50	3.10	3.30	5.10	.45	2.63	4.28	3.41	1.94	2.566	
March .....	3.90	1.20	1.15	3.90	3.85	1.20	6.18	4.33	2.14	3.10	3.095	
April .....	1.20	1.75	2.15	.85	2.30	2.15	3.00	2.75	2.27	3.73	2.215	
May .....	2.10	2.10	3.75	1.70	2.70	.65	.70	2.97	3.87	3.22	2.376	
June .....	3.80	.75	3.60	1.95	4.20	2.00	2.94	4.25	2.88	2.36	2.583	
July .....	2.25	3.10	1.75	3.95	3.40	5.15	2.67	2.00	1.22	2.18	2.467	
August .....	5.95	8.80	5.15	5.52	5.64	5.30	3.58	5.13	6.84	1.77	5.365	
September...	4.35	3.15	3.95	6.35	.80	3.95	6.45	4.30	1.38	7.94	4.262	
October.....	3.05	3.15	5.00	6.25	3.80	5.32	4.00	2.85	3.96	2.95	4.032	
November....	6.15	6.10	5.10	3.25	3.80	4.30	1.67	5.25	4.53	3.00	4.315	
December ....	.80	6.20	1.05	4.65	3.95	4.65	4.91	4.40	5.72	3.95	4.028	
TOTALS . . .	39.45	38.80	39.05	43.57	42.97	38.22	41.63	43.90	43.62	40.68	41.189	

1870-

# RAINFALL AT Preston W.W. Spade Mill

Lat. Central Lon. County of Lancashire South  
 Rain Gauge, by J. Lookan Esq Observer

Ribble 1

Diameter ..	8										
Height ....	0 4	1.2									
Altitude ..	400 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.80	2.60	3.76	4.56	3.74	2.98	5.25	2.50	4.33	2.47	3.699
February ..	3.57	2.20	1.50	4.32	4.55	2.40	3.70	2.98	3.62	4.45	3.329
March ....	.76	3.72	2.65	4.46	2.66	3.50	3.86	4.50	3.14	3.18	3.243
April .....	3.30	2.27	1.95	2.74	2.58	3.35	1.96	1.88	2.69	3.82	2.654
May .....	1.65	.92	3.10	3.16	2.94	.73	5.00	3.74	2.79	2.30	2.633
June .....	3.15	2.15	1.30	2.60	1.45	2.70	1.97	7.38	2.83	2.84	2.837
July .....	2.74	1.50	4.00	4.62	1.85	2.91	2.36	2.66	5.08	6.35	3.407
August ....	5.87	2.80	3.45	6.06	5.20	3.90	5.06	6.10	4.24	3.60	4.628
September ..	2.67	1.28	1.55	5.56	1.55	4.32	1.30	1.52	4.73	3.25	2.773
October ....	5.20	3.96	4.96	9.37	3.56	4.44	7.00	3.65	2.94	5.55	5.063
November ..	3.70	5.20	1.75	4.32	4.84	4.44	4.30	3.90	4.40	2.38	3.923
December ..	4.85	4.42	3.93	2.93	2.95	.90	5.37	5.70	3.31	6.58	4.144
TOTALS ..	42.26	33.02	33.90	54.70	37.87	36.57	47.13	46.51	44.60	46.77	42.333

1909 Longridge Church 1 Mile E  
 " Station 1 " E  
 House 24 Wharf 60 ft E

*H.W.*





RAINFALL at *Spade Mill Preston W.M.*County of *C. Lancashire*Observer *J. H. Smithurst Esq. C.E.*River Basin *Pibble & c.**E. G. Oakes C.E. (1928)*(1930) *M.O.* Rain Gauge, by

Diameter ...	8													
Height .....	1 2													
Altitude ...	400													
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Means 1920			
January ...	4.35	7.30	3.08	4.12	3.55	3.12	5.05	4.30	9.48	2.00	5.82	Total 52.17		
February ...	2.75	2.27	4.93	4.35	1.90	4.15	6.08	2.30	4.78	1.22	3.35	32.08		
March .....	4.45	3.80	2.15	3.15	1.76	2.08	1.11	3.21	2.04	1.50	2.68	27.93		
April .....	4.78	2.05	2.02	3.32	1.59	2.43	2.00	2.45	1.35	1.41	1.76	25.16		
May .....	6.25	2.28	1.38	4.13	5.12	4.15	3.10	1.36	7.1	2.66	2.09	33.23		
June .....	2.60	4.8	3.58	1.56	2.83	3.0	1.55	3.68	6.82	1.68	2.02	27.10		
July .....	6.18	2.60	5.15	5.20	4.98	3.50	3.39	3.85	3.92	4.46	6.08	49.11		
August .....	1.52	6.45	5.50	5.10	6.30	2.85	4.16	7.60	8.05	6.76	6.62	60.71		
September...	3.00	3.02	4.18	5.10	5.00	4.22	4.65	8.23	1.31	1.93	3.06	44.20		
October .....	3.00	4.20	8.0	5.13	4.55	6.25	4.35	4.07	5.52	6.43	7.25	51.55		
November...	2.08	2.40	3.25	5.65	2.10	2.43	5.66	4.28	6.94	7.15	5.45	46.39		
December...	2.62	6.15	5.28	5.00	4.96	3.10	1.90	7.8	3.11	7.25	3.52	43.67		
TOTALS...	43.58	41.00	41.30	51.61	43.64	38.58	43.00	46.11	53.53	44.45	46.70	493.50		
							M	M	M	D	D	48		

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1925	53° 49' 45"	2° 34' 50"	Longridge	5600 ft.	E.	Longridge	4600 ft.	S.W.

RAINFALL at Spade Mill (Preston W.W.)County of Central LancashireObserver E. C. Oakes, Esq. C.E.River Basin Ribble & C-1Type of Gauge MO.Annual Average 41.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 5

86201/31

Diameter	9.											
Height	1.2.											
Altitude	400.						374	400		374		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.97	4.81	3.28	3.68	2.25	2.97	2.85	5.21	5.28	(3.01)		38.31
February	4.52	1.0	3.10	.28	5.41	1.80	5.55	2.04	3.54	1.92		28.56
March	.41	2.79	2.36	1.96	1.27	2.27	1.54	1.43	2.17	3.48		19.68
April	3.08	3.09	1.63	2.13	3.26	1.16	2.67	.87	2.41	3.47		23.77
May	2.42	4.07	1.48	3.82	1.20	1.48	2.18	3.87	1.06	1.69		23.27
June	6.57	1.40	1.93	2.42	3.30	4.30	3.02	4.64	3.61	1.02		32.21
July	4.52	5.43	3.57	1.93	2.15	5.01	2.58	4.93	7.84	5.07		43.03
August	4.60	1.59	3.09	5.15	1.90	3.24	2.45	4.58	2.40	2.57		31.57
September	2.95	7.87	1.07	4.61	7.37	4.99	2.91	2.17	1.94	5.53		41.41
October	3.26	6.72	4.77	6.31	8.24	4.55	2.13	9.61	2.11	4.21		51.91
November	7.10	2.93	1.76	2.37	4.22	4.88	1.67	5.51	6.32	6.22		42.98
December	3.24	2.22	.82	5.57	3.45	6.07	1.84	5.36	3.35	5.03		36.95
TOTALS	47.64	43.02	28.86	40.23	44.02	42.72	31.39	50.22	42.33	43.22		413.45
	D	D	D	D	D	D	D	D	D	D		12.4

1937 Colours not on form 1090. See Serial has been checked &amp; corrected.

1940 Jan. card for snow

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
1931			Longridge	4749'	W	Longridge	4800'	WSW

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



Station No. 2980

RAINFALL at Spade Hill (Preston W.D.)

41

County of Central Lancashire Observer E. G. Ormerod Esq. R.E.

River Basin Ribbles + C-1

Type of Gauge 7 in. 6 in. Snowden

Annual Average 21.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 86201/31

Diameter	8"		5.75	6.62								
Height	1' 2"			1								
Altitude	374'		400	41	374'			375'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.39	4.20	5.85	5.80	3.62	4.46	3.09	7.55	2.73	3.85		Totals 42.52
February	4.60	1.87	2.70	2.14	5.06	5.69	.24	3.17	2.40	4.70		32.57
March	3.39	2.72	1.21	.75	2.18	.88	4.99	2.48	2.27	2.07		22.74
April	1.46	1.86	3.39	2.76	2.97	1.21	3.38	2.18	4.54	3.60		27.85
May	3.23	3.31	2.93	2.95	3.58	1.34	2.45	1.66	2.56	1.45		25.46
June	.52	.93	4.33	4.57	4.71	3.31	3.04	6.04	1.46	3.47		32.44
July	2.23	5.27	4.37	4.24	2.68	5.50	3.98	2.64	3.52	4.67		39.10
August	6.24	5.04	7.17	2.80	2.00	7.43	.14	4.20	3.94	8.48		47.64
September	1.21	4.28	5.48	7.01	3.21	7.81	4.98	4.33	2.81	7.81		48.93
October	5.59	7.19	5.38	5.21	5.98	.80	.96	3.90	5.25	3.58		43.84
November	2.46	1.43	4.05	7.09	.84	6.15	5.83	3.08	5.03	6.50		41.96
December	2.69	3.97	2.38	3.84	1.87	4.75	3.78	3.19	7.29	2.74		36.50
TOTALS	34.99 D	42.13 D	49.24 D	49.16 D	38.20 D	49.33 D	37.36 D	44.42 D	43.80 D	52.92 D		441.55 486

388.63

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			Longridge	9 m.	W.	Longridge	9 m.	W.S.W.

BRITISH RAINFALL ORGANIZATION

Longridge 1953 Station No. 2980  
**RAINFALL** at Shade Mill (Preston H.W.)  
 County of Central Lancashire Observer E. C. Oakes Esq. C.E.  
ambury BR 125 Pm V. W. W. W.  
 River Basin Ribble & C-1  
 Type of Gauge Snowdon

51

Annual Average 41.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S  
43.40 " " " " " 1916-1950 1916-1950 File No. 86201/31 P

Diameter ...	8"			575	662							
Height ...	1' 2"				1							
Altitude ...	375'				51	362						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means- Totals	
January ...	4.65	4.74	2.36	5.58	3.15	4.20	4.04	3.98	3.10	6.03	41.83	
February ...	3.21	1.57	1.59	2.88	1.64	.76	2.84	7.77	.81	2.88	25.95	
March ...	4.95	2.26	1.27	2.42	1.31	1.35	3.84	1.73	1.95	1.19	22.27	
April ...	2.89	3.40	3.41	1.59	2.97	2.09	.66	1.90	3.18	2.71	24.80	
May ...	1.85	2.21	2.80	2.52	3.48	2.15	2.01	5.86	1.79	2.40	27.07	
June ...	1.77	4.37	2.01	4.49	3.53	3.34	1.95	4.38	3.54	1.50	31.08	
July ...	3.13	2.51	6.66	7.60	1.09	4.76	5.61	4.02	4.37	8.03	47.78	
August ...	4.46	6.15	5.21	7.55	1.03	13.86	5.76	4.38	.87	5.41	54.88	
September ...	3.11	4.07	5.19	6.29	4.07	4.94	8.34	5.25	.59	3.64	45.49	
October ...	1.53	3.21	1.75	9.07	3.13	3.40	7.34	4.30	5.12	2.73	41.58	
November ...	8.96	2.55	5.58	6.43	1.93	1.95	1.50	2.31	5.68	8.67	45.56	
December ...	10.82	4.55	2.60	5.36	5.33	4.44	5.61	3.61	7.36	5.32	55.00	
TOTALS ...	51.53	41.59	40.43	61.78	32.66	47.24	49.50	44.69	38.36	50.51	463.29	
	D	D	D	D	D	D	D	D	D	D		

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SD(34) 618373

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Longridge	.9m W.	Longridge	.9m W. & 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 29, 30	✓	✓	