

Preston NW

RAINFALL AT Shade MillJat. Armytage C.C.

Rain { By

Gauge Diameter..... 8..... in.

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

Above Mean Sea Level, 4000 ft.

YEAR.....					1866	1867	1868	1869	MEANS.
January					45.20	4.10	3.82	4.10	
February					4.30	3.02	2.93	3.87	
March					2.08	1.04	5.35	2.58	
April75	5.40	2.16	2.68	
May					1.48	1.89	1.40	3.50	
June					4.35	.90	1.15	2.19	
July					4.71	3.00	.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	
					C	C	C	C	

RAINFALL AT *Spade Mill***80**

Lat.

Lon.

County of

Rain Gauge, by

Observer Mr. Peak, Esq

RIDGE 61

Diameter	8										
Height	1.2										
Altitude	400T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January63	.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	1.10	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	4.02	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	2.26	5.61	3.45	4.37	4.92	3.70	1.20	3.94	3.419
October.....	2.88	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	51.30	43.62	42.26	36.66	44.07	29.45	35.01	36.64	41.214

RAINFALL AT Preston W.W. Spade Mill

Lat.

Long.

County of Lancashire

Rain Gauge, by

Observer

H. Read Esq

J. Cookson Esq

Ribble & L. 1

Diameter	8											
Height	1.2											
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	
February95	.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	2.216	
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	4.05	2.88	2.36	2.883	
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	5.268	
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	4.022	
November	6.15	6.10	5.10	3.25	3.80	4.30	1.67	5.25	4.53	3.00	4.216	
December80	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	

1890-

RAINFALL AT Preston W.W. Spade Mill

Lat.

Lon.

Central
County of Lancashire South

Rain Gauge, by

Observer J. Cookson Esq.

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
March76	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	3.81	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	42.833

1909 Longridge Church 1 Mile E
 Station 1 - E
 House 24 J. Whigl 60 ft E

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RAINFALL at Spade Mill Preston W.W.

County of Central Lancashire

Observer J. Jackson Eng J. Hornbostel Eng

River Basin Riffles &c

Rain Gauge, by

Diameter ...	8										
Height	1.2										
Altitude ...	400 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.40	1.30	3.30	4.45	3.65	5.00	3.30	2.05	2.70	4.90	
February ...	4.25	5.04	1.85	1.50	3.48	4.25	4.00	1.15	4.80	1.36	
March	1.00	1.60	6.70	5.00	3.96	2.35	2.10	1.84	1.60	5.28	
April	3.30	3.85	.64	4.35	.96	3.35	3.60	1.85	1.45	2.20	
May	2.42	1.50	2.64	3.11	2.43	1.90	2.70	1.65	1.85	1.65	
June	2.20	2.80	5.18	3.60	2.17	1.72	2.45	1.90	1.85	1.95	
July	5.02	.87	5.09	1.75	4.00	2.90	3.00	1.65	4.80	1.84	
August	5.90	3.58	7.58	2.40	4.00	5.70	5.15	5.25	5.85	4.55	
September ..	5.20	4.41	1.97	1.90	4.34	.95	3.30	3.70	11.00	2.30	
October ...	4.45	3.70	4.50	2.13	2.25	1.30	8.60	7.85	4.30	2.80	
November ..	5.62	3.60	5.06	4.60	5.15	2.00	2.90	5.15	2.84	2.55	
December ...	3.40	5.20	3.96	3.09	5.10	7.16	3.32	2.43	9.95	5.50	
TOTALS ...	48.16	37.45	48.46	37.88	41.49	38.62	44.42	236.47	52.99	36.38	

RAINFALL at Grade Mill Preston W.M.

County of Lancashire

Observer J. H. Smethurst Esq. C.E.

River Basin Ribble & c.i.

S. G. Oakes Esq. (1928)

(1930) M.O. Rain Gauge, by _____

Diameter ...	S									MEANS	Totals
Height	1	2									
Altitude ...	400										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	4.35	7.30	3.08	4.12	3.55	3.12	5.05	4.30	9.48	2.00	5.82
February ...	2.75	2.7	4.93	4.35	1.90	4.15	6.08	2.30	4.78	1.22	.35
March	4.45	3.80	2.15	3.15	1.76	2.08	1.11	3.21	2.04	1.50	2.68
April.....	4.78	2.05	2.02	3.32	1.59	2.43	2.00	2.45	1.35	1.41	1.76
May	6.25	2.28	1.38	4.13	5.12	4.15	3.10	1.36	.71	2.66	2.09
June	2.60	1.48	3.58	1.56	2.83	3.30	1.55	3.68	6.82	1.68	2.02
July	6.18	2.60	5.15	5.00	4.98	3.50	3.39	3.85	3.92	11.16	6.08
August	1.52	6.45	5.50	5.10	6.30	2.85	4.16	7.60	8.05	6.76	6.62
September...	3.00	3.02	4.18	5.10	5.00	4.22	4.65	8.23	1.81	1.93	3.06
October.....	3.00	4.20	1.80	5.10	4.55	6.25	4.35	4.07	5.52	6.43	7.25
November...	2.08	2.40	3.25	5.65	2.10	2.43	5.66	4.28	5.94	7.15	5.45
December...	2.62	6.15	5.28	5.00	4.96	3.10	1.90	.78	3.11	7.25	3.52
TOTALS...	43.58	41.00	41.30	57.61	43.64	38.58	43.00	46.11	53.53	144.45	46.70
							M	M	M	D	D
											43.67

Position of Station on reduced Ordnance Survey } No. of Map _____

Map, 2 miles to 1 inch Series

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
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 Lancashire Observer E. C. Oakes, Esq. C.E.

River Basin Ribble & C-1

Type of Gauge M.O.

Annual Average 41.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915. Ref. S
86201/31

Diameter	8.										
Height	1.2										
Altitude	400.										
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	(3.0)	38.31
February	4.52	1.0	3.10	.28	5.41	1.80	5.55	2.04	3.54	1.92	22.56
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	4.62	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	413.65
	D	D	D	D	D	D	D	D	D	D	D

1937 Observations were on form 1090. See Scale has been checked & corrected.

1940 Jan. card. for show

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	Parish Church.	Distance from gauge
1931			Longridge	4749'	W	Longridge	46800' WSW

Station No. 2980

RAINFALL at Spade Hill (Preston W.W.)

41

County of Central Lancashire Observer E. G. Oakes Esq., C.E.

River Basin Ribble + C-1

Type of Gauge 4in. Standard

Annual Average 41.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 86201/31

Diameter	8"	575	662								
Height	1' 2"		1								
Altitude	374'	400	41	374'				375'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.37	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	2.24	3.17	2.40	4.70	32.57
March	3.39	2.72	1.21	75	2.18	.88	4.99	2.48	2.17	2.07	22.74
April	1.46	1.86	3.39	2.76	2.97	1.21	3.88	2.18	4.04	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	.99	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	47.44
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	42.13	49.24	49.16	38.20	49.33	37.36	44.42	43.80	52.92	441.55
	D	D	D	D	D	D	D	D	D	D	441.55

388.63

Position of Station on reduced Ordnance Survey Map, } No. of Map.....
1 mile to 1 inch Series

Reference No.

Data.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1941			Longridge	.9m.	W.	Longridge	.9m.	W.S.W.

Longridge 1953 Station No. 2980
RAINFALL at Grade Mill (Preston M.W.)

County of Central Lancashire

Observer

C. C. Oakes Esq. C.E.
autocopy M.B.R. 1953 P.M.V. Weather

River Basin Ribble & L. - 1

Type of Gauge Snowdon

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 P
 File No. 26201/31

Diameter ...	8"	575 662									
Height ...	11 2"	1									
Altitude ...	375'	51 362									
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
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	7.6	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	4.66	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	4.04	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.S.W.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓ —	✓ D 29.30	✓	✓	✓