

RAINFALL AT Preston WW

Jennyage

Jeffrey Hill

The highest point of the gathering ground

Rain (By.....)

Gauge (Diameter..... in.)

Height above Ground, 1 ft. 2 in.

Above Mean Sea Level, 9.00 ft.

YEAR.....		1866	1867	1868	1869	MEANS.
January		4.08	4.60	3.67	4.22	
February		3.70	3.30	3.05	4.00	
March		3.77	1.14	4.80	1.26	
April84	4.66	2.00	2.20	
May		1.48	1.95	1.30	3.25	
June.....		4.45	.50	.65	1.10	
July		5.14	(3.77) A	.39	.88	
August.....		3.70	2.70	4.20	3.72	
September		8.35	5.90	2.39	7.22	
October.....		2.55	4.80	5.70	3.91	
November.....		7.20	2.19	3.87	6.00	
December.....		5.10	4.10	5.82	4.62	
TOTALS.....		50.36	(39.61)	37.84	44.38	
		C	C	C	C	

1867 A gauge been tempered with given as 3.77 in
a printed paper

RAINFALL AT Preston W. Jeffrey Hill

Lat......

Lon.

County of.... Lancashire.

80 = 810

Rain Gauge, by..... Observer J. W. M. T. L. C. G.

Observer J. W. Mylrea Log C. G.

Diameter	
Height	1	2	
Altitude	700	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	3.10	2.20	5.10	5.09	5.85	6.41	3.54	7.16	4.50	1.22	4.411
February	7.50	4.35	4.91	6.68	1.95	1.59	6.15	4.31	2.05	1.74	2.943
March	3.32	1.08	4.85	2.96	4.43	1.46	3.58	5.02	2.03	2.63	3.136
April	1.91	2.20	2.72	1.83	1.53	1.68	3.01	2.94	1.53	1.65	2.000
May	2.14	1.96	2.98	2.78	1.92	2.95	2.77	3.30	5.53	2.66	2.699
June	2.69	3.23	5.12	4.69	1.70	4.35	4.90	2.65	3.08	4.50	3.685
July	2.30	8.43	5.35	4.50	2.91	5.70	5.30	5.36	1.25	6.80	4.790
August	3.78	2.22	4.50	5.96	7.92	3.65	4.81	6.50	5.75	7.65	5.274
September	4.39	4.35	7.11	3.09	5.80	5.68	5.82	7.07	6.78	3.70	5.373
October	+11.50	5.08	5.25	7.89	7.16	3.42	3.60	6.50	5.24	3.70	5.934
November	3.38	2.01	3.35	4.07	5.57	5.78	3.90	5.40	3.07	1.25	3.778
December	3.20	4.25	3.63	3.00	3.63	2.70	5.12	6.00	2.14	3.30	3.699
TOTALS	43.21	41.36	54.87	45.96	50.97	45.37	50.50	62.21	42.95	40.80	47.400

RAINFALL AT

80

Lat.

Lon.

County of

Rain Gauge, by

Observer Mr. Peak, Esq.

Ribble & Co.

Diameter	8										
Height	1.2										
Altitude	900T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	97	.83	4.06	5.16	7.56	4.42	6.20	3.00	2.20	3.10	3.750
February	3.20	6.50	3.52	4.09	3.92	4.40	1.20	2.00	1.30	2.20	3.233
March	3.18	6.24	5.90	2.50	7.56	4.54	3.62	2.90	3.82	4.65	4.491
April	1.84	2.14	5.28	2.07	1.02	1.80	3.10	2.35	2.15	2.95	2.470
May	2.41	5.10	3.00	1.05	2.61	1.91	5.50	2.60	1.20	2.20	2.758
June	5.96	3.06	5.50	4.24	87	3.72	2.57	.70	2.10	1.50	3.022
July	32.97	7.11	8.25	2.85	6.74	2.50	5.00	1.90	7.70	3.55	5.157
August	2.16	6.57	5.73	4.14	2.08	2.62	1.84	2.20	6.25	6.45	4.004
September	3.64	2.64	3.04	4.53	3.92	4.62	5.72	4.50	2.85	5.60	4.046
October	3.12	3.25	4.54	7.20	4.80	4.27	6.19	2.40	2.45	3.90	4.212
November	6.10	6.52	7.57	4.90	1.70	4.75	4.70	3.10	4.90	2.90	4.714
December	8.97	4.86	3.62	4.40	6.52	3.25	4.86	3.23	3.10	4.70	4.751
TOTALS	49.52	54.82	60.01	47.13	49.30	42.80	49.90	30.88	40.02	43.70	46.608

RAINFALL AT Preston W.H. Jeffrey Hill
 Lat. _____ Lon. _____ County of Lancashire
 Rain Gauge, by _____ Observer H. Reah Esq
 Ribble & Co. J. Cockson Esq

Diameter	8										
Height	12										
Altitude	900 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.35	2.70	4.75	2.25	3.40	2.10	3.60	1.30	5.15	5.45	2.605
February	1.40	.45	4.50	4.10	5.85	.75	3.05	4.63	4.40	2.08	3.121
March	4.65	1.50	1.25	4.80	3.80	1.60	6.25	5.08	2.95	3.45	3.533
April	1.40	2.20	3.00	.65	2.45	2.40	3.15	2.60	2.33	4.31	2.449
May	2.15	2.70	3.70	2.00	3.50	.80	.83	4.10	3.15	3.76	2.669
June	4.65	.65	5.10	2.15	4.53	3.10	3.24	4.50	3.05	3.45	3.442
July	4.30	3.55	2.15	4.40	3.80	5.70	2.82	2.64	1.48	2.78	3.262
August	7.35	9.60	4.30	5.60	7.52	5.75	4.13	5.82	6.70	1.84	5.861
September	6.20	5.20	4.95	7.11	.80	4.10	7.62	4.87	1.20	6.62	4.869
October	5.10	4.10	5.25	6.65	4.30	5.80	3.61	3.05	5.04	3.25	4.615
November	7.05	6.30	5.75	4.94	3.95	4.00	1.63	5.50	5.20	3.22	4.754
December	1.05	6.50	1.10	5.20	4.30	5.65	5.55	4.84	5.95	4.47	4.461
TOTALS	50.65	45.45	45.80	49.85	48.20	41.75	45.48	48.93	46.60	44.68	46.729

1890-

RAINFALL AT Preston W.W. Goffray Hill
 Lat. Lon. Central Lancashire South
 Rain Gauge, by thermometer Observer T. Lockett Esq.
 Ribble

Diameter ..	8										
Height	0	4	1.	2							
Altitude ..	900	T									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.15	3.20	4.86	5.87	3.83	3.53	6.07	2.50	4.76	2.65	4.24
February ..	3.40	2.16	1.60	5.28	3.32	2.90	3.78	3.50	4.23	4.80	3.49
March ..	.86	3.38	3.38	3.90	2.61	4.16	4.34	5.42	3.42	3.58	3.50
April ..	3.45	2.43	2.15	2.50	3.58	3.88	2.45	1.84	2.75	4.00	2.85
May ..	1.92	.61	3.30	3.68	2.36	.86	5.47	3.93	3.18	2.48	2.77
June ..	3.10	2.30	1.48	2.55	2.39	2.93	2.06	9.20	3.29	2.96	3.22
July ..	3.57	1.23	3.30	5.62	2.56	3.57	2.61	3.06	5.80	6.90	3.82
August ..	5.95	3.63	3.50	7.37	5.92	4.77	6.18	6.57	5.95	4.41	5.42
September ..	3.70	1.35	1.72	6.39	1.32	4.25	1.45	1.34	6.31	3.35	3.11
October ..	7.10	4.88	4.98	11.36	4.41	4.50	7.12	4.55	3.29	5.60	5.77
November ..	3.95	5.50	2.22	4.74	4.45	5.10	5.14	3.63	5.90	2.62	4.32
December ..	5.82	5.15	4.25	3.08	3.88	1.32	5.77	5.15	4.06	7.22	4.57
TOTALS ..	47.97	35.82	36.74	62.34	40.63	41.27	52.44	50.69	52.94	50.57	47.14

1909 Longridge Church 3 1/2 miles W
 Station 3 W
 Farmhouse 25 ft high 300 yards E

RAINFALL at Ley Hey Hill Preston W.W.

County of Central Lancashire

Observer

J. Cookson Esq. J. H. Hennah and Co.

River Basin Ribble + C 1

Rain Gauge, by

Diameter ...	8										
Height	1.2										
Altitude ...	900 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.72	1.77	3.72	6.55	5.20	7.35	4.80	2.45	3.10	5.30	
February ...	4.75	6.76	2.25	1.96	3.78	5.20	4.39	1.50	5.10	1.50	
March	1.80	2.73	7.62	6.10	5.00	3.10	2.10	2.05	2.05	5.20	
April	3.87	3.56	1.27	4.55	1.31	3.50	4.92	1.93	1.45	2.25	
May	2.30	2.41	2.82	4.75	2.93	2.05	3.40	1.63	2.05	1.69	
June.....	2.26	3.70	5.90	4.50	2.09	1.75	2.85	2.10	1.95	2.00	
July	4.50	1.14	5.50	2.70	4.50	3.10	3.25	1.83	5.00	1.24	
August.....	6.11	4.00	8.56	2.60	4.00	6.15	5.33	6.35	6.10	4.73	
September ..	6.50	4.86	3.00	2.38	4.62	1.93	3.65	4.15	11.10	2.38	
October ...	4.50	4.82	5.50	2.63	2.02	2.60	10.20	8.10	4.95	2.90	
November ..	6.10	4.00	6.80	4.58	6.06	2.25	3.60	5.33	3.20	2.65	
December ...	5.25	6.50	6.86	4.30	5.50	8.20	4.05	2.48	10.45	6.10	
TOTALS ...	52.66	46.55	59.80	47.59	47.01	46.16	52.54	34.90	56.50	37.94	

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

RAINFALL at Jeffrey Hill Preston N.W.

County of Lancashire

Observer J. H. Smethurst Esq. B.E.

River Basin Ribble & c.i.

E. B. Oakes E.E. (1928)

(1930) M.O Rain Gauge, by

Diameter ...	8											
Height	1.2											
Altitude ...	900											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M.	1930
January ...	4.48	10.10	3.30	4.23	3.68	3.35	5.40	4.68	10.43	2.23		7.01
February ...	2.85	3.32	5.25	3.85	1.00	4.45	7.00	2.65	6.05	1.66		4.9
March	4.53	4.03	2.12	3.32	1.87	2.25	2.12	3.71	2.71	2.15		3.46
April.....	4.85	2.12	2.15	3.50	1.83	2.70	1.80	2.95	1.66	1.63		2.51
May	7.00	2.55	1.40	4.50	5.35	4.25	3.45	1.80	.05	3.19		2.88
June	2.63	1.49	3.62	3.20	3.03	3.85	2.76	4.00	8.12	2.14		3.34
July	6.45	2.80	8.00	6.20	5.10	4.00	4.48	4.44	4.54	4.80		6.59
August	1.60	6.57	5.68	8.05	8.30	3.10	4.43	8.25	9.20	8.74		8.83
September	3.28	2.90	4.23	5.55	5.17	4.45	5.10	9.69	2.07	2.07		4.09
October.....	3.65	4.10	1.00	6.00	4.57	6.30	5.00	4.27	6.91	7.90		10.30
November...	2.25	2.50	3.62	6.00	2.18	2.68	6.25	4.64	7.36	8.33		7.65
December...	2.90	6.45	5.76	5.20	4.84	3.43	2.20	1.35	3.39	9.68		4.35
TOTALS...	46.47	44.93	46.13	39.80	46.92	41.31	49.99	52.43	62.19	51.52		61.50

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

Reference No. _____

Date.	Lat. N.	Long.w	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1925.	53° 51' 15"	2° 32' 20"	Longridge	16400 ft.	N.E.E.	Longridge	16000 ft. N.E.
1929						Knowle Green	7100 ft. S.S.W.

RAINFALL at Jeffery Hill (Preston W.W.)

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

River Basin Ribble &c. - 1

Type of Gauge MO.

Annual Average 47.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

86201/31

Diameter	8.										Means
Height	1.2.			1.6			1.2				
Altitude	900.										
Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	
January	8.54	6.98	3.93	5.99	3.76	4.33	3.64	6.27	5.98	(3.50)	
February	6.62	1.5	5.21	.38	8.40	2.42	6.64	2.39	4.49	(8.40)	
March	1.61	3.66	3.09	2.69	1.64	2.71	1.91	1.74	2.45	4.54	
April	3.38	4.11	2.21	2.97	3.84	1.42	3.24	1.33	2.81	4.25	
May	2.57	5.75	1.69	4.91	1.22	2.00	2.13	4.19	7.94	1.39	
June	7.77	1.50	2.66	3.12	4.16	4.56	4.00	5.82	4.48	1.01	
July	6.80	6.96	4.57	2.91	2.93	5.67	2.77	5.92	8.55	5.86	
August	5.11	2.23	3.57	6.82	2.23	4.39	3.42	6.34	2.12	3.30	
September	3.07	9.55	1.36	5.57	10.50	6.47	3.16	2.48	2.05	6.39	
October	4.91	8.41	6.29	8.17	12.76	5.05	2.31	11.48	2.23	4.54	
November	9.29	3.57	1.95	2.72	5.05	6.14	2.19	6.51	7.77	6.87	
December	4.81	2.88	.93	7.94	3.91	6.85	1.89	5.96	4.14	5.86	
TOTALS	62.91	55.75	37.46	54.19	60.40	52.01	37.30	60.42	48.01	1.991	

1940 Jan. + Feb. corrd. + apportioned for snow.
Oct. 29-31 estd.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	Direction
1931			Longridge	16800'	WSW	Knowle Green	7701'	SSW

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

Station No. 2981

RAINFALL at Jeffery Hill (Heaton W.W.)

41

County of Central Lancashire Observer E. G. Oakes Eng. C.E.

River Basin Ribble & C. - 1

Type of Gauge Imp. Standard

Annual Average 47.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 8620/31

Diameter	8"			575	600 560						
Height	12"				1						
Altitude	900'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.38	3.17	5.87	6.30	4.16	4.42	3.11	8.52	3.08	4.40	
February	4.83	2.20	2.60	2.41	5.55	5.71	7.70	3.35	2.84	5.23	
March	3.46	2.52	1.34	.70	2.42	1.08	6.41	2.72	2.77	2.30	
April	1.73	1.49	3.36	2.82	3.27	1.60	3.34	2.00	5.28	3.43	
May	3.24	3.54	2.70	3.84	4.02	1.19	2.96	1.73	2.48	1.53	
June	.55	1.20	4.60	5.14	4.85	3.25	3.72	6.76	1.75	4.06	
July	1.95	5.17	4.74	4.43	2.67	5.47	4.53	3.50	3.51	5.01	
August	6.43	5.00	7.86	2.91	2.27	9.04	.14	6.77	4.06	9.69	
September	1.29	3.70	5.06	7.76	4.14	7.75	4.24	4.77	2.61	7.72	
October	5.66	7.04	5.44	5.47	5.89	9.0	.85	3.92	5.23	3.93	
November	2.85	1.59	4.37	7.65	47	6.88	6.97	3.36	5.05	6.88	
December	2.94	4.07	2.52	4.03	2.35	4.47	3.99	3.15	7.86	3.35	
TOTALS	36.34	40.69	50.46	53.56	42.06	51.76	40.96	47.55	46.22	57.53	
	W m.p. in. sq.										

1942 m.p. low, about 6 in.

1943 m.p. about 6 in. low.

409.60

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
1941			Longridge	3 1/4 m.	W.S.W.	Knowle Green	3 1/2 m.

BRITISH RAINFALL ORGANIZATION

Songridge 1953 Station No. 2981
RAINFALL at Jiffey Hill (Hutton Allt)
 County of Central Lancashire Observer C. C. Dakus Esq., C.F.
 River Basin Ribble 96-1 Autograph for 02/1953 Period Watered
 Type of Gauge Snowdon

Annual Average 47.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " 47.89 " " 13 " " 1st Jan 1944-57. " " 1916-50 File No. 86201/31

Diameter ...	8"		575	640 560							
Height ...	11' 2"				1						
Altitude ...	900'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.03	4.61	2.50	5.79	3.75	5.04	4.40	4.42	3.50	64.5	
February ...	3.55	1.82	1.97	3.35	2.17	1.20	3.40	10.41	1.00	3.26	
March ...	5.35	2.71	1.30	2.76	1.90	1.29	4.12	2.03	2.21	1.39	
April ...	2.73	3.82	3.65	1.53	3.41	2.05	.64	1.96	3.08	2.73	
May ...	1.96	2.64	3.03	2.55	3.70	2.13	2.09	6.30	2.03	2.54	
June ...	1.89	4.59	2.27	4.45	3.75	3.21	2.28	4.74	3.82	1.43	
July ...	3.43	2.44	8.07	7.74	1.20	5.01	5.92	4.51	4.33	10.11	
August ...	5.19	7.24	5.95	7.35	.97	14.03	6.17	5.36	.50	5.74	
September ...	3.65	4.64	5.47	7.25	4.12	5.43	9.05	5.66	.53	3.31	
October ...	1.52	3.55	1.81	10.24	3.67	3.71	8.26	4.76	5.31	2.88	
November ...	9.85	2.70	5.74	6.60	2.21	2.38	1.60	2.31	5.88	9.77	
December ...	11.10	4.87	2.74	6.50	6.19	5.66	6.39	4.08	7.38	5.09	
TOTALS ...	55.25	45.63	44.50	66.11	37.04	51.14	54.32	56.54	39.57	54.70	
	M	X									

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SD(3)669399

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Songridge	3 1/4 m WSW	Haworth Green	1 1/2 m SW

Summary of Earlier Records from 10-year Sheets :

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