

RAINFALL AT *Preston W.W.*

60

*J. Armytage*

*Jeffrey Hill*

*The highest point of the gathering ground*

Rain { By .....  
Gauge { Diameter.....*2*.....in.

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

Above Mean Sea Level, *4.00* ft.

YEAR.....							1866	1867	1868	1869	MEANS.
January .....							4.08	4.60	3.67	4.22	
February .....							3.70	3.30	3.05	6.00	
March .....							3.77	1.14	4.80	1.26	
April .....							.84	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 tampered with gives as 3.77 in  
a printed paper*

RAINFALL AT *Preston W. W. Jeffery Hill*

Lat. ....

Lon. ....

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

Diameter .....	.8	.										
Height .....	1	.2	.									
Altitude .....	900.	.										
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.10	2.20	5.10	5.03	5.85	6.41	3.54	7.16	4.50	1.22	4.411	
February.....	7.50	4.35	4.91	.68	1.95	1.59	6.15	4.31	2.05	1.74	2.923	
March.....	3.32	1.00	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	.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	.77	3.30	5.53	2.66	2.699	
June.....	2.69	3.23	5.12	4.63	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	3.03	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	3.697	
TOTALS .....	43.21	41.36	54.87	45.96	50.37	45.37	50.50	62.21	42.95	40.80	47.700	

# RAINFALL AT *Lepprey Hill*

80

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

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

County of *Lancashire*

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

Observer *H. Peak, Esq.*

*Ribble - 6. 6*

Diameter ....	<i>8</i>											
Height .....	<i>1. 2</i>											
Altitude ....	<i>908 T</i>											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	<i>.97</i>	<i>.83</i>	<i>4.06</i>	<i>5.16</i>	<i>7.56</i>	<i>4.42</i>	<i>6.20</i>	<i>3.00</i>	<i>2.20</i>	<i>3.10</i>	<i>3.750</i>	
February ....	<i>3.20</i>	<i>6.50</i>	<i>3.52</i>	<i>4.09</i>	<i>3.92</i>	<i>4.40</i>	<i>1.20</i>	<i>2.00</i>	<i>1.30</i>	<i>2.20</i>	<i>3.233</i>	
March .....	<i>3.18</i>	<i>6.24</i>	<i>5.90</i>	<i>2.50</i>	<i>7.58</i>	<i>4.54</i>	<i>3.62</i>	<i>2.90</i>	<i>3.82</i>	<i>4.65</i>	<i>4.491</i>	
April .....	<i>1.84</i>	<i>2.14</i>	<i>5.28</i>	<i>2.07</i>	<i>1.02</i>	<i>1.80</i>	<i>3.10</i>	<i>2.35</i>	<i>2.15</i>	<i>2.95</i>	<i>2.470</i>	
May .....	<i>2.41</i>	<i>5.10</i>	<i>3.00</i>	<i>1.05</i>	<i>2.61</i>	<i>1.91</i>	<i>5.50</i>	<i>2.60</i>	<i>1.20</i>	<i>2.20</i>	<i>2.758</i>	
June .....	<i>5.96</i>	<i>3.06</i>	<i>5.50</i>	<i>4.24</i>	<i>.87</i>	<i>3.72</i>	<i>2.57</i>	<i>.70</i>	<i>2.10</i>	<i>1.50</i>	<i>3.022</i>	
July .....	<i>5.97</i>	<i>7.11</i>	<i>8.25</i>	<i>2.85</i>	<i>6.74</i>	<i>2.50</i>	<i>5.00</i>	<i>1.90</i>	<i>7.70</i>	<i>3.55</i>	<i>5.157</i>	
August .....	<i>2.16</i>	<i>6.57</i>	<i>5.73</i>	<i>4.44</i>	<i>2.08</i>	<i>2.62</i>	<i>1.84</i>	<i>2.20</i>	<i>6.25</i>	<i>6.45</i>	<i>4.004</i>	
September....	<i>3.64</i>	<i>2.64</i>	<i>3.04</i>	<i>4.53</i>	<i>3.92</i>	<i>4.62</i>	<i>5.12</i>	<i>4.50</i>	<i>2.85</i>	<i>5.60</i>	<i>4.046</i>	
October .....	<i>3.12</i>	<i>3.25</i>	<i>4.54</i>	<i>7.20</i>	<i>4.80</i>	<i>4.27</i>	<i>6.19</i>	<i>2.40</i>	<i>2.45</i>	<i>3.90</i>	<i>4.212</i>	
November....	<i>6.10</i>	<i>6.52</i>	<i>7.57</i>	<i>4.90</i>	<i>1.70</i>	<i>4.75</i>	<i>4.70</i>	<i>3.10</i>	<i>4.90</i>	<i>2.90</i>	<i>4.714</i>	
December ....	<i>8.97</i>	<i>4.86</i>	<i>3.62</i>	<i>4.40</i>	<i>6.52</i>	<i>3.25</i>	<i>4.86</i>	<i>3.23</i>	<i>3.10</i>	<i>4.70</i>	<i>4.751</i>	
TOTALS ....	<i>47.52</i>	<i>54.82</i>	<i>60.01</i>	<i>47.13</i>	<i>49.30</i>	<i>42.80</i>	<i>49.90</i>	<i>30.88</i>	<i>40.02</i>	<i>43.70</i>	<i>46.608</i>	



# RAINFALL AT

*Preston W. H. Jeffrey Hill*

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

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

County of

*Lancashire*

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

Observer

*H. Reah Esq.*

*J. Cookson Esq.*

*Ribble 96.1*

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	3.605	
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	3.362	
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	4.861	
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	49.55	48.20	41.75	45.48	48.93	46.60	44.68	46.729	

1890—

RAINFALL AT Preston W.W. Jeffery Hill  
Canby  
 Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Lancashire South  
 Rain Gauge, by sunshine Observer T. Jackson Esq.

Ribble

Diameter ..	8										
Height ....	0	4	1.2								
Altitude ..	900	I									
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	4.242
February ..	3.40	2.16	1.60	5.28	3.32	2.90	3.78	3.50	4.23	4.80	3.497
March ....	.86	3.38	3.38	3.90	2.61	4.16	4.34	5.42	3.42	3.58	3.505
April .....	3.45	2.43	2.15	2.50	3.58	3.38	2.45	1.84	2.75	4.00	2.853
May .....	1.92	.61	3.30	3.68	2.36	.86	5.47	3.93	3.18	2.48	2.779
June .....	3.10	2.30	1.48	2.55	2.39	2.93	2.06	9.20	3.29	2.96	3.226
July .....	3.57	1.23	3.30	5.62	2.56	3.57	2.61	3.06	5.80	6.90	3.822
August ....	5.95	3.63	3.50	7.37	5.92	4.77	6.18	6.57	5.95	4.41	5.425
September ..	3.70	1.35	1.72	6.39	1.32	4.25	1.45	1.34	6.31	3.35	3.118
October ....	7.10	4.88	4.98	11.36	4.41	4.50	7.12	4.55	3.29	5.60	5.779
November ..	3.95	5.50	2.22	4.74	4.45	5.10	5.14	3.63	5.90	2.62	4.325
December ..	5.82	5.15	4.25	3.08	3.88	1.32	5.77	5.15	4.06	7.22	4.570
TOTALS ..	47.97	35.82	36.74	62.34	40.63	41.27	52.44	50.69	52.94	50.57	47.141

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

Hills





RAINFALL at Jeffrey Hill Trenton N.W.County of GloucestershireObserver J. H. Smethurst Esq. C.E.River Basin Pibble & C. I.E. B. Oakes C.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	<del>1930</del> 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	3.2	5.25	3.85	1.00	4.45	7.00	2.65	8.05	1.66	.49
March .....	4.53	4.03	2.12	3.32	1.87	2.25	2.12	3.71	2.71	2.15	3.46
April .....	4.95	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	.49	3.62	3.20	3.03	.35	2.76	4.00	8.12	2.14	3.34
July .....	6.45	2.80	8.00	6.20	5.10	4.00	4.43	4.44	4.54	4.80	6.59
August .....	1.60	6.57	5.68	8.25	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	6.40	5.76	5.20	4.84	3.43	2.20	1.25	3.39	9.68	4.35
TOTALS...	46.47	44.93	46.13	57.20	46.92	41.31	49.99	52.43	62.19	51.52	61.50
							M		M	M	

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° 51' 15"	2° 32' 20"	Longridge	16400 ft.	N.E.	Longridge	16000 ft.	N.E.
1929						Annole Green	7400 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 &amp; C. - 1

Type of Gauge M.O.

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

86201/31

Diameter	8.										
Height	1.2.			1.6		1.2					
Altitude	400.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
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	(2.40)	
March	.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	2.31	4.25	
May	2.57	5.75	1.69	4.91	1.22	2.00	2.13	4.19	.94	1.39	
June	7.77	1.50	2.66	3.12	4.16	4.56	4.00	3.82	4.48	1.01	
July	6.30	6.96	4.57	2.91	2.93	5.67	2.77	5.92	8.55	5.86	
August	5.14	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	2.16	2.43	2.05	6.39	
October	4.91	5.41	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	34.46	54.19	60.40	52.01	37.20	60.42	48.01	49.91	W

1940 Jan. + Feb. corrd. + apportioned for snow.  
Oct. 29-31 estd.

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	16.800'	WSW	Knowle Green	770'	SSW

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



Station No. 2281

RAINFALL at Jeffery Hill (Leaton W.D.)

41

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

River Basin Ribblesdale

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	560						
Height	1'2"				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	.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	1.43	3.36	2.82	3.27	1.60	3.34	2.00	5.28	3.43	
May	3.27	3.54	2.70	3.34	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	2.50	3.51	5.01	
August	6.43	5.00	7.86	2.31	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	.90	.85	3.92	5.23	3.93	
November	2.85	1.53	4.37	7.65	4.7	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	7.56	3.35	
TOTALS	36.34 W	40.69 n.p.	50.46 n.p.	53.56	42.06	51.76	40.96	47.55	46.22	57.53	

1942 n.p. low, about 6 in.  
1943 n.p. about 6 in low.

49.60

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

BRITISH RAINFALL ORGANIZATION

RAINFALL at *Longridge* 1953 Station No. *2981*  
*Jeffrey Hill (Preston 10th)*  
 County of *Central Lancashire* Observer *E. C. Dukes Esq. C.F.*  
*Autograph for 1913 Preston Watershed*  
 River Basin *Ribble 96-1*  
 Type of Gauge *Snowdon*

51

Annual Average *47.3* in. based on *35* years obs. unweighted. Period of average *1881-1915* Ref. *5*  
 " *47.89* " " *13* " " *1916-50* File No. *8620/31*

Diameter ...	8"				575	640						
Height ...	1' 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	6.45		
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	46.54	39.57	54.70		

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference *SD(34)669399*

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			<i>Longridge</i>	<i>3 1/4 m. W.S.W.</i>	<i>Knowle Green</i>	<i>1 1/2 m. S.W.</i>

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓ n.p. 42,43</i>	