

RAINFALL AT Preston N.W.for Armytage & E Knowle GreenRain { 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							4.96	4.06	3.42	3.94	
February							4.35	3.31	2.87	6.38	
March							2.10	.97	5.42	1.25	
April .....							.83	5.00	2.05	2.10	
May							1.30	1.33	1.26	3.50	
June							4.49	.90	.83	1.50	
July							4.47	3.03	.53	.64	
August							5.35	2.02	4.30	3.70	
September ...							7.91	2.75	2.12	0.50	
October							2.63	5.30	5.70	3.33	
November							0.50	2.10	3.73	5.39	
December							5.60	4.37	6.31	4.45	
TOTALS							52.49	36.90	38.54	44.68	

C C C C

RAINFALL AT *Preston N.W. Knowl Green*

70

Lat.....

Lon.....

County of.....

Lancashire

Rain Gauge, by.....

Observer.....

J. Lymington Esq. G.E.

Diameter.....	.8											
Height.....	1.2											
Altitude.....	400											
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.10	1.58	4.31	4.60	4.70	4.93	2.80	7.00	4.12	1.00	3.814	
February.....	7.16	3.19	4.12	7.6	1.50	1.33	5.28	3.90	1.95	2.60	2.579	
March.....	2.37	1.66	3.63	2.85	4.62	1.22	3.27	4.00	1.61	2.17	2.740	
April.....	2.14	2.78	2.70	.85	1.34	1.48	2.50	2.26	1.33	1.21	1.859	
May.....	1.69	7.46	2.15	2.49	1.90	2.09	.56	2.10	5.33	2.42	2.269	
June.....	1.44	2.70	4.93	3.46	1.29	3.96	3.61	1.85	3.00	4.45	3.068	
July.....	2.20	6.05	5.30	4.00	2.00	4.40	4.88	4.56	1.05	6.78	4.122	
August.....	3.29	1.73	4.87	4.80	5.66	3.80	4.05	5.50	5.20	7.20	4.610	
September.....	2.63	3.55	7.12	2.83	4.68	4.45	5.20	7.00	5.10	3.30	4.586	
October.....	10.00	5.85	5.20	6.46	5.03	4.33	3.14	6.00	4.96	3.56	5.453	
November.....	3.15	1.57	3.37	3.36	4.87	4.46	3.60	5.80	3.18	1.18	3.454	
December.....	3.10	3.40	2.94	1.97	3.12	2.15	4.20	5.82	2.01	2.60	3.131	
TOTALS.....	36.27	35.52	50.64	38.43	40.71	39.09	43.09	55.79	38.84	38.47	41.685	

C C C

RAINFALL AT *Knowl Green*

80

Lat. _____

Lon. _____

County of _____

Lancashire

Rain Gauge, by _____

Observer *H. Peak, Esq*

Ribbles 6.1

Diameter	<i>8</i>										
Height	<i>1.2</i>										
Altitude	<i>400</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.75</i>	<i>.66</i>	<i>3.71</i>	<i>4.78</i>	<i>5.58</i>	<i>2.95</i>	<i>4.50</i>	<i>3.20</i>	<i>1.81</i>	<i>1.90</i>	<i>2.984</i>
February	<i>3.06</i>	<i>5.87</i>	<i>3.30</i>	<i>3.83</i>	<i>3.55</i>	<i>4.45</i>	<i>1.10</i>	<i>2.45</i>	<i>.88</i>	<i>2.27</i>	<i>3.076</i>
March	<i>3.00</i>	<i>4.90</i>	<i>4.94</i>	<i>2.45</i>	<i>5.58</i>	<i>3.67</i>	<i>3.00</i>	<i>2.87</i>	<i>3.70</i>	<i>3.20</i>	<i>3.731</i>
April	<i>1.45</i>	<i>1.85</i>	<i>5.26</i>	<i>1.97</i>	<i>1.00</i>	<i>1.43</i>	<i>2.60</i>	<i>2.50</i>	<i>1.85</i>	<i>2.30</i>	<i>2.221</i>
May	<i>1.75</i>	<i>4.80</i>	<i>2.90</i>	<i>.99</i>	<i>2.23</i>	<i>1.94</i>	<i>5.43</i>	<i>2.42</i>	<i>.82</i>	<i>2.25</i>	<i>2.553</i>
June	<i>5.72</i>	<i>2.80</i>	<i>5.20</i>	<i>4.08</i>	<i>.85</i>	<i>2.85</i>	<i>1.96</i>	<i>.53</i>	<i>2.78</i>	<i>.00</i>	<i>2.677</i>
July	<i>5.92</i>	<i>6.56</i>	<i>8.20</i>	<i>2.57</i>	<i>5.64</i>	<i>1.76</i>	<i>4.37</i>	<i>2.00</i>	<i>6.95</i>	<i>2.90</i>	<i>4.687</i>
August	<i>1.92</i>	<i>7.04</i>	<i>5.55</i>	<i>3.11</i>	<i>2.33</i>	<i>2.00</i>	<i>1.22</i>	<i>1.85</i>	<i>5.80</i>	<i>5.30</i>	<i>3.612</i>
September....	<i>2.43</i>	<i>2.36</i>	<i>2.17</i>	<i>4.37</i>	<i>3.98</i>	<i>4.45</i>	<i>4.75</i>	<i>3.60</i>	<i>2.42</i>	<i>4.35</i>	<i>3.488</i>
October	<i>2.94</i>	<i>2.80</i>	<i>3.77</i>	<i>6.40</i>	<i>3.43</i>	<i>4.73</i>	<i>4.33</i>	<i>2.20</i>	<i>2.22</i>	<i>3.25</i>	<i>3.607</i>
November....	<i>5.80</i>	<i>5.54</i>	<i>6.56</i>	<i>4.60</i>	<i>1.37</i>	<i>3.73</i>	<i>3.65</i>	<i>2.60</i>	<i>4.20</i>	<i>2.20</i>	<i>4.025</i>
December	<i>7.40</i>	<i>4.76</i>	<i>3.75</i>	<i>4.26</i>	<i>1.00</i>	<i>2.35</i>	<i>4.95</i>	<i>3.22</i>	<i>2.70</i>	<i>3.25</i>	<i>4.264</i>
TOTALS	<i>42.14</i>	<i>49.94</i>	<i>55.31</i>	<i>43.41</i>	<i>41.54</i>	<i>36.31</i>	<i>41.86</i>	<i>29.44</i>	<i>36.13</i>	<i>33.17</i>	<i>40.925</i>

RAINFALL AT *Preston W.W. Knowle Green*

Lat. _____ Lon. _____ County of *Lancashire*
 Rain Gauge, by _____ Observer *H Reak Esq*
J Cookson Esq

Ribble & 61.

Diameter	8										
Height	12										
Altitude	400T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.56	2.25	3.20	1.80	3.60	2.50	2.15	1.15	4.54	5.08	3.183
February ....	.94	.65	3.20	3.45	5.15	.50	2.12	3.10	2.95	1.80	2.686
March	3.30	.90	1.50	3.45	3.40	1.35	5.73	4.42	2.12	3.31	2.948
April	1.15	1.70	1.80	.50	3.80	1.95	2.20	2.58	2.30	4.60	2.258
May	2.25	1.55	3.50	1.80	1.90	.95	.65	3.17	2.80	3.95	2.262
June	3.35	.90	2.90	1.85	3.65	2.10	3.30	3.86	2.60	3.25	2.746
July	2.95	3.50	1.60	3.65	2.10	3.95	3.22	2.02	1.29	1.98	2.626
August	5.50	7.40	4.10	5.70	6.54	5.20	3.40	6.00	5.15	1.78	5.089
September....	4.80	3.90	4.20	6.08	.70	3.40	6.80	2.20	1.35	7.72	4.115
October	3.20	3.70	4.95	6.10	3.50	3.10	3.80	2.42	3.75	2.77	3.729
November....	6.25	5.25	5.25	3.45	3.25	3.95	1.21	4.50	4.40	2.48	3.999
December	1.10	6.15	.85	4.70	4.10	4.35	4.93	4.80	4.50	3.90	3.988
TOTALS . . .	40.35	37.85	37.05	42.53	41.69	33.40	39.51	40.22	37.75	42.62	39.297

1870-

RAINFALL AT Preston W.W. Knowlton
Central
 Lat. Lon. County of Lancashire South
 Rain Gauge, by Cum make Observer J. Lockson Esq. Ch.

Ribble

Diameter ..	8										
Height	0 4	1.2									
Altitude ..	400 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.62	2.20	3.89	4.35	3.53	3.10	5.10	2.45	4.38	2.45	3.607
February ..	3.71	1.98	1.75	4.20	3.96	2.40	3.43	2.75	3.56	4.47	3.221
March ....	.55	3.71	2.43	3.25	2.56	3.63	4.13	4.98	3.40	3.13	3.177
April	2.93	2.29	2.00	2.71	2.60	3.13	2.02	1.87	2.71	3.50	2.576
May	1.33	.90	3.20	3.58	2.87	.77	5.16	3.96	2.97	2.27	2.701
June	3.90	2.20	1.16	2.35	1.33	2.75	1.97	7.96	2.83	2.71	2.916
July	2.64	1.70	3.72	3.80	1.50	2.94	2.02	2.88	5.26	6.18	3.264
August	5.86	2.90	3.40	5.64	5.36	4.14	6.14	6.21	4.20	3.68	4.753
September ..	2.90	1.30	1.48	5.64	1.46	3.72	1.40	1.25	4.83	3.50	2.748
October	5.25	4.15	4.16	9.76	3.65	4.00	7.07	4.00	3.14	5.50	5.068
November ..	3.58	5.20	1.92	4.30	4.41	4.57	4.32	3.60	4.50	2.45	3.885
December ..	4.58	4.20	3.38	3.04	3.05	1.03	5.09	5.00	3.65	6.81	3.983
TOTALS ..	41.85	32.73	32.49	52.62	36.28	36.18	47.85	46.91	45.43	46.65	41.809

1909 Longridge Church 2 3/4 Miles E
 Station 2 1/2 " E
 Farmhouse 25 ft high 200 ft S

H.W.

RAINFALL at Knowl Green Preston W.W.County of Central LancashireObserver J. Jackson Esq J. H. Hurst Esq.River Basin Ribble & C 1

Rain Gauge, by _____

Diameter ...	8										
Height	1 2										
Altitude ...	400 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.42	1.50	3.62	5.65	4.00	5.58	3.43	2.10	3.03	4.82	
February ...	4.50	5.04	1.97	1.71	3.00	4.65	4.10	1.30	4.95	1.45	
March	1.20	1.93	7.00	5.36	4.35	2.70	2.44	1.85	1.65	5.05	
April	3.50	3.04	.78	4.45	1.20	3.25	3.83	1.55	1.35	2.10	
May	2.18	1.40	2.56	3.30	2.00	1.95	3.30	1.55	1.65	1.60	
June	2.21	2.68	5.97	3.70	1.70	1.75	2.72	1.80	2.10	1.40	
July	4.42	.87	5.46	1.90	3.35	2.92	3.05	1.90	4.10	1.28	
August	5.62	3.66	7.78	2.30	3.50	5.78	5.06	6.25	5.95	4.10	
September ..	6.10	4.81	2.25	1.45	4.50	.86	3.60	3.60	10.20	2.15	
October ...	4.21	4.20	4.77	2.32	2.06	1.45	9.10	7.50	4.83	2.83	
November ..	5.67	3.60	5.50	4.90	6.10	2.30	2.87	5.10	3.10	2.60	
December...	3.67	5.20	4.06	3.41	5.10	7.45	3.49	2.45	10.15	5.94	
TOTALS ...	48.70	37.93	51.72	40.45	40.86	40.64	46.98	36.95	53.06	35.32	

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

RAINFALL at Knowle Green Preston N.W.County of C. LancashireObserver J. H. Smethurst Esq. C.E.River Basin Ribble & c.1E. B. Oakes C.E. (1928)(1930) M.O. Rain Gauge, by _____

Diameter ...	8											
Height	1 2											
Altitude ...	400											360
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1930
January ...	4.10	7.60	3.15	4.10	3.60	3.18	5.15	4.59	9.96	2.07		6.13
February ...	2.78	2.8	4.95	3.70	1.87	4.30	6.15	2.38	4.93	1.22		.41
March	3.82	3.95	2.10	3.15	1.83	2.18	1.68	3.50	2.24	1.66		2.90
April	4.30	2.10	2.04	3.15	1.68	3.05	1.87	2.93	1.31	1.41		2.33
May	6.60	3.00	1.45	4.32	5.18	4.08	3.38	1.55	.80	2.64		2.46
June	2.53	.50	3.55	1.00	2.75	.32	2.02	3.90	7.00	1.79		2.67
July	6.23	2.58	6.15	6.90	5.00	3.00	4.00	4.20	3.83	4.64		6.72
August	1.53	6.48	5.58	7.65	7.10	3.03	4.36	8.00	8.22	7.57		7.35
September...	3.15	3.05	4.10	5.40	5.08	4.38	4.63	8.63	1.81	2.59		3.62
October	2.00	4.00	.85	5.40	4.53	6.18	4.48	4.08	5.90	6.90		8.14
November...	2.00	2.23	3.35	5.50	2.10	2.58	5.80	4.40	5.55	7.72		5.67
December...	2.60	6.12	5.38	5.05	4.50	3.15	2.07	.90	3.20	8.04		3.75
TOTALS...	41.66	41.89	42.65	55.55	44.28	39.43	45.59	49.06	54.85	48.25		52.15
							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° 56' 25"	2° 32' 45"	Longridge	12500 ft.	W. 3. W.	Knowle Green Cong.	12500 ft.	S. W.

RAINFALL at Knowle Green (Preston W.W.)

County of Central LancashireObserver E. C. Oakes, Esq., C.E.River Basin Ribble & C-1Type of Gauge M.O.Annual Average 41.1 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. 86201/31.

Diameter	8.										
Height	1.2.										
Altitude	360.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.15	4.91									
February	5.12	10.9									
March	4.48	2.84									
April	3.13	3.32									
May	2.44	4.65									
June	6.92	1.31									
July	5.08	6.30									
August	4.60	1.96									
September	3.06	8.36									
October	3.27	7.64									
November	6.80	3.20									
December	3.17	2.23									
TOTALS	50.22	46.81	N.O.								

Discontinued. Cawley Brook substituted.

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	4000 yds	WSW	Knowle Green	849 ft.	SW.