

RAINFALL AT Blackburn Water Works Office

Lat.....

Lon.....

County of Lancashire,

.....

Rain Gauge, by.....

Observer J. H. Balmer Esq: R.N.S.

1 ft. 6 in. diameter 1 ft. 8 in. height

Diameter											6
Height											30
Altitude	400.						400				
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	4.17	1.45	5.47	6.09	4.45	3.10	2.17	8.01	3.65	1.24	3.980
February.....	2.06	3.85	3.13	1.03	1.85	80	5.40	5.54	1.21	2.34	2.721
March.....	3.31	2.66	4.72	3.89	5.50	72	3.77	4.31	2.30	1.57	3.269
April.....	7.71	3.07	4.02	.97	2.26	.80	3.06	2.22	1.46	1.52	2.049
May.....	1.97	1.62	3.62	3.23	1.96	1.92	57	3.09	4.44	2.04	2.446
June.....	2.70	3.51	5.88	2.09	5.82	2.27	4.76	2.64	2.35	4.25	3.103
July.....	2.23	5.08	5.14	4.80	3.53	4.43	3.32	5.40	1.01	5.10	4.004
August.....	2.25	7.35	6.09	5.67	6.24	2.11	5.98	6.59	5.70	5.88	4.786
September.....	3.25	3.90	7.19	2.66	3.80	3.86	4.99	5.09	4.78	2.54	4.186
October.....	5.72	6.57	6.59	6.87	4.51	3.03	3.20	5.48	4.83	2.73	5.353
November.....	3.90	1.73	5.90	3.88	3.77	2.62	3.47	5.10	2.26	1.02	3.368
December.....	3.41	3.11	5.21	1.70	2.34	1.08	4.78	4.75	2.32	2.43	3.113
TOTALS.....	40.68	37.90	62.96	42.22	40.79	26.24	45.47	58.22	36.31	32.66	42.345

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RAINFALL AT Blackburn, N. Works off

80

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observed M. D. Bryan, Eng. C.E.

J. B. McCallum Eng. C.E.

Ribble & Co.

Diameter	8										
Height	40.0										
Altitude	400 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January30	.20	2.00	3.61	3.62	1.47	4.11	1.84	.97	1.26	1.938
February	2.89	3.93	2.05	2.71	2.22	1.90	1.42	.96	.48	1.47	1.903
March	2.62	2.68	2.31	.64	2.10	2.09	1.58	1.48	1.88	2.06	1.944
April	1.19	1.40	1.22	1.62	.67	1.48	1.75	1.47	1.32	1.51	1.663
May	2.52	3.24	1.63	.69	1.35	1.50	3.52	1.51	.44	2.35	1.875
June	3.95	2.32	4.67	3.61	1.51	2.33	1.78	.62	1.54	.80	2.253
July	5.44	3.84	4.89	2.67	4.13	1.51	3.21	1.11	5.25	2.32	3.437
August	2.10	3.81	3.88	1.87	1.92	1.26	1.12	1.71	3.06	3.59	2.432
September....	4.23	1.37	1.79	5.12	2.87	3.02	3.15	3.80	.79	3.45	2.959
October.....	3.54	1.82	2.69	4.16	2.04	3.66	4.13	1.74	1.94	2.35	2.807
November....	4.41	3.34	5.28	3.20	1.79	2.15	2.63	1.41	4.01	1.68	2.922
December....	5.54	3.50	2.65	2.87	4.16	1.93	4.40	1.74	1.83	2.42	3.104
TOTALS	38.93	31.45	38.06	32.77	27.78	24.30	31.12	19.39	23.51	25.26	29.237

1880 Gauge moved during the year.

1888 St Mary's Church 350 yards S

RAINFALL AT Blackburn Water Works Office

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer J.B. McCallum Esq C.E.

Ribble & Co.

G.W. Lund Esq C.E. W.M. Stubbs Esq

Diameter	8										
Height	60	0									
Altitude	436	M									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.80	1.89	2.08	.98	2.56	1.54	1.23	.89	2.89	6.13	
February	.63	.12	2.11	3.64	1.79	.26	1.46	1.83	1.89	1.78	
March	2.47	1.17	.55	.76	.98	2.54	4.92	2.80	1.61	2.82	
April	1.27	1.41	1.22	.34	.85	2.79	1.61	2.14	1.78	3.96	
May	1.76	2.38	2.68	2.16	.95	.51	.42	2.12	2.13	2.73	
June	3.17	1.04	2.68	2.31	2.30	2.61	2.73	3.14	3.33	1.39	
July	2.34	3.04	1.54	3.50	3.20	5.54	1.98	1.69	.72	1.67	
August	5.33	5.42	5.42	2.26	4.54	3.13	3.12	7.93	4.86	1.43	
September	3.16	2.33	3.56	4.85	.59	1.26	5.84	3.82	1.10	6.52	
October	2.60	2.68 ^{1.77}	3.59	3.71	2.38	4.12	4.70	2.45	(2.50)	2.68	
November	5.87	2.77	1.78	2.53	2.64	2.38	1.34	3.53	(2.36)	1.68	
December	.20	5.00	2.01	3.86	2.96	2.97	3.35	3.64	(3.40)	2.82	
TOTALS	31.60	28.34 ^{28.34}		28.25 ^{29.22}	30.90	25.69 ^{30.00}	29.65	32.70	35.98	(28.57)	35.61 (31.95)

Correction sent 17-XI-92

1898 Oct. to Dec. g. out of order estimated.

1894 Estimated from surrounding data

RAINFALL AT Blackburn Water Works Office
 Lat. Lon. County of Lancashire South
 Rain Gauge, by Observer W. Stubbs Esq. CL

Ribble

Diameter ..	8										
Height	60.0										
Altitude ..	436 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.06	2.33	2.84	2.75	1.27	3.40	.70	2.57	1.81		
February ..	1.38	1.34	2.34	2.96	1.40	2.30	1.27	2.04	1.29		
March ..	2.26	2.54	4.00	1.93	1.90	2.46	2.90	2.62	1.69		
April ..	1.77	2.08	1.86	2.11	2.89	1.88	1.49	1.60	3.29		
May ..	.48	2.81	2.65	2.06	.84	3.05	2.84	2.70	2.02		
June ..	1.53	1.10	1.20	1.50	2.36	1.10	5.89	1.34	2.32		
July ..	1.69	2.89	3.08	1.42	2.36	1.97	2.55	2.86	5.16		
August ..	1.63	2.47	4.13	3.51	2.72	3.12	3.94	3.10	2.26		
September ..	.85	1.51	4.27	1.15	2.27	.89	.87	3.68	1.83		
October ..	2.99	3.51	7.75	1.38	3.11	5.01	2.55	1.04	3.87		
November ..	5.14	1.68	2.66	2.21	3.90	3.19	1.75	3.12	1.07		
December ..	3.58	2.92	2.04	2.24	.44	3.03	3.24	1.65	4.22		
TOTALS ..	25.36	28.18	38.82	25.22	24.46	31.40	29.99	28.32	30.82		

RAINFALL at Blackburn Waterworks Office

County of Central Lancashire

Observer

W. Stubbs Esq. C.E.

River Basin

Ribble + C 1

Rain Gauge, by

Diameter ...	8									
Height	60	0								
Altitude ...	486	ft								
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	3.68	.92	1.82	2.95	2.51					
February ...	2.54	2.93	.68	1.04	1.91					
March70	1.33	3.85	3.44	3.99					
April	2.84	2.25	.55	4.04	1.07					
May	2.81	2.85	1.63	2.98	1.58					
June.....	3.65	3.04	4.47	1.85	1.88					
July	3.39	.22	4.06	.85	3.81					
August.....	5.01	2.75	5.11	2.51	1.88					
September ..	.28	3.53	1.28	1.30	4.19					
October ...	2.88	2.16	3.40	1.25	1.90					
November ..	4.04	2.61	2.62	3.69	4.08					
December ...	2.45	5.40	2.89	2.60	4.13					
TOTALS ...	34.27	29.97	32.36	28.50	32.93	N.R.				

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