

# 70

## RAINFALL AT Blackburn Water Works Office

Lat.....

Lon.....

County of.....

Lancashire

Rain Gauge, by.....

Observer.....

J. D. Baleman Esq. S.N.S.

J. W. Whitehead R. Gaudin

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	3.83	5.50	.72	3.77	4.31	2.30	1.57	3.269
April.....	7.71	3.07	4.02	.37	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.....	2.10	3.51	5.88	2.09	.58	2.27	4.76	2.64	2.35	4.25	3.103
July.....	2.23	5.08	5.14	4.30	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	3.36	4.99	5.09	4.78	2.54	4.186
October.....	9.72	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	42.343

# RAINFALL AT *Blackburn, N. Works* 80

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

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

 County of *Lancashire*

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

 Observed *N. B. Bryan, Esq., & C.*
*J. B. McCallum Esq. C.E.*
*Ribble & Co.*

Diameter ....	8										
Height .....	40.0	60.0									
Altitude ....	400 T	430 T									
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	30	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	4.2	.96	.48	1.47	1.903
March .....	2.62	2.68	2.31	.64	2.10	2.09	1.38	1.48	1.68	2.06	1.944
April .....	1.19	1.40	4.22	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	3.61	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	1.19	2.15	2.53	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 ....	38.73	31.45	35.06	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. Whitb. & Co.*

Diameter ....	8										
Height .....	60 0										
Altitude ....	436 <del>ft</del>										
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 <sup>3</sup>	.26	1.46	1.83	1.89	1.78	
March .....	2.47	1.17	.55	.76	.93 <sup>3</sup>	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 <sup>3</sup>	.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	<del>2.36</del> 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	<del>28.75</del> 28.34	29.22	30.90	<del>30.00</del> 25.69	29.65	32.70	35.98	(28.57)	35.61	(31.25)

*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. ....

Central

County of

Lancashire South

Rain Gauge, by

Observer

W. Stubbs Esq. C.E.

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	2.39	1.88	1.49	1.60	3.29		
May .....	.48	2.81	2.65	2.06	.34	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	30.80		

RAINFALL at Blackburn Waterworks OfficeCounty of Central LancashireObserver G. Stubbs Esq. C.E.River Basin Ribble + C 1

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

Diameter ...	8										
Height .....	60 0										
Altitude ...	436 <del>7</del>										
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.68	.92	1.82	2.95	2.51						
February ...	2.54	2.93	.68	1.04	1.91						
March .....	.70	1.33	3.85	3.44	3.99						
April .....	2.84	2.25	.55	4.04	1.07						
May .....	2.81	2.83	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.