

# RAINFALL AT *Blackburn, Pumping Station*

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

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

County of \_\_\_\_\_

*Lancashire*

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

Observer \_\_\_\_\_

*M. B. Bann, Esq., C.E.*  
*J. B. McCallum Roy, C.E.*

*Ribble 7 6.1*

Diameter ....	8										
Height .....	2.0	6.0	4. -	6.0							
Altitude ....	600 $\pi$	610						600 $\pi$			
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	4.3	5.0	3.95	5.40	5.27	2.24	5.88	3.56	1.59	2.30	3.112
February ....	3.15	4.79	3.34	3.58	3.24	3.08	.88	1.86	1.33	2.76	2.801
March .....	2.42	3.82	4.47	1.30	2.82	3.13	2.59	2.41	3.38	3.23	2.957
April .....	1.48	1.64	5.92	2.13	.78	2.05	2.55	1.83	1.89	2.40	2.267
May .....	2.94	4.48	2.50	.93	1.72	1.90	4.79	2.16	.76	2.73	2.491
June .....	4.42	2.79	5.66	5.19	1.56	3.80	2.33	.85	2.23	.74	2.957
July .....	5.38	4.93	6.10	3.19	4.53	2.25	4.72	1.81	7.88	3.08	4.387
August .....	2.14	5.47	5.17	2.78	2.18	2.10	2.14	2.32	4.72	5.98	3.500
September ....	4.28	1.82	2.34	6.07	3.75	4.82	4.47	5.48	2.34	3.90	3.927
October .....	3.13	2.60	3.58	5.92	2.51	5.10	5.93	2.59	2.45	3.21	3.702
November ....	5.46	5.10	5.54	4.23	1.65	3.12	3.52	1.98	6.03	2.72	4.085
December ....	6.83	4.29	3.87	4.11	5.42	2.82	7.04	2.51	2.87	4.03	4.389
TOTALS ....	42.06	42.23	53.44	44.83	35.43	36.41	46.84	29.46	37.47	37.08	40.525

1888 *L Marys Church* 2000 yards SE

# RAINFALL AT *Blackburn Pumping Station*

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

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

County of *Lancashire*

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

Observer *J.B. McCallum Esq. C.E.*

*G.W. Lund Esq. C.E.*

*Ribble & Co.*

*A. Stubbins Esq. C.E.*

Diameter ....	8										
Height .....	6 0										
Altitude ....	600 $\text{ft}$										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.44	2.83	3.39	1.41	3.14	2.81	1.97	1.27	4.32	6.40	3.198
February ....	1.02	.15	2.74	4.88	4.94	.64	2.03	3.68	2.52	2.07	2.467
March .....	3.40	1.32	1.00	1.20	3.08	3.53	5.37	3.60	1.91	3.45	2.786
April .....	1.20	2.12	1.86	.52	1.39	3.17	2.33	3.27	2.05	5.19	2.810
May .....	2.31	2.48	4.94	2.16	2.50	.48	.67	2.42	3.64	2.92	2.452
June .....	4.78	1.76	4.10	2.49	3.16	2.53	3.20	3.57	3.60	1.52	3.071
July .....	3.40	3.54	2.01	3.75	3.74	5.97	2.43	2.31	1.11	2.00	3.026
August .....	6.73	6.71	6.04	3.94	6.22	4.39	3.81	6.55	4.58	1.57	5.054
September....	3.21	2.67	4.54	6.35	1.30	1.51	7.36	4.58	1.76	7.71	4.099
October .....	3.85	<del>3.51</del> <i>4.04</i>	4.99	5.30	3.43	4.46	5.23	2.95	3.11	3.13	4.049
November....	7.60	4.35	2.61	3.79	4.08	3.44	1.77	4.06	2.86	2.52	3.708
December ....	.41	7.60	2.71	4.41	3.75	5.87	4.65	4.01	3.70	3.63	4.074
TOTALS . . .	42.35	<del>39.57</del> <i>39.57</i>	40.93	40.20	40.73	38.80	40.82	42.27	35.16	42.11	40.294

*Correction sent 17-XI-92*

*1880 -*

RAINFALL AT Blackburn Pumping Station  
 Lat. .... Lon. ....  
 County of Lancashire, South  
 Rain Gauge, by .... Observer W. Stubbs Esq. C.E.

Ribble 1

Diameter ..		8									
Height ....		6 0									
Altitude ..		600 <del>ft</del>									
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..		2.58	4.85	3.90	3.69	2.19	5.10	1.81	3.83	2.65	
February ..		2.00	1.74	3.87	4.44	2.48	3.98	2.26	3.74	2.02	
March ....		3.67	2.69	4.81	2.96	2.59	3.67	3.89	3.35	2.71	
April .....		2.22	2.62	2.60	3.08	3.58	1.86	2.06	2.09	4.06	
May .....		.86	3.43	2.90	2.58	.60	4.06	3.80	2.96	2.71	
June .....		1.90	1.39	1.54	1.76	2.71	1.77	7.92	2.09	2.89	
July .....		1.78	4.03	3.41	1.81	3.30	2.90	2.96	3.84	6.89	
August ....		2.46	3.14	5.82	4.21	3.53	4.22	4.78	4.40	3.25	
September ..		1.10	2.08	5.52	1.09	3.42	1.39	1.39	4.88	2.72	
October ....		3.89	5.30	9.15	2.95	4.00	6.61	3.30	1.44	5.83	
November ..		6.98	2.11	3.87	3.50	5.46	4.20	2.53	3.99	1.95	
December ..		4.39	4.38	3.03	2.91	.87	4.79	4.43	2.62	6.72	
TOTALS ..		33.83	38.76	50.42	34.88	34.73	44.55	41.13	39.23	44.41	



RAINFALL at Blackburn Pumping StationCounty of Central LancashireObserver W. Stubbs Esq. C.E.River Basin Ribble + C 1J. T. Shield Esq. C.E. 1915  
A. Y. Prosser Esq. C.E. 1918.

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

Diameter ...	8										
Height .....	6.0							1.6			
Altitude ...	600 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.06	1.66	3.61	4.43	3.47	5.22	3.36	3.11	3.10	4.92	
February ...	4.25	4.57	1.73	1.84	2.93	5.11	3.78	1.19	5.26	.97	
March .....	1.13	2.16	5.99	5.19	4.20	2.27	2.15	2.22	1.37	5.80	
April .....	3.82	3.43	.92	4.99	1.36	2.64	3.83	2.52	1.53	2.50	
May .....	3.63	3.17	2.47	4.11	2.07	1.62	2.83	1.63	1.62	1.69	
June .....	3.17	4.47	5.71	2.95	2.91	2.13	3.00	2.53	2.61	2.00	
July .....	5.47	.37	5.45	1.64	4.08	4.46	3.04	2.42	3.57	1.83	
August .....	6.91	3.33	7.32	2.32	2.47	5.03	3.24	6.00	4.77	3.92	
September ..	.67	4.78	2.05	1.81	4.64	.81	3.22	2.77	13.30	2.80	
October ...	3.86	3.25	4.50	2.07	2.30	.77	7.44	9.00	4.52	2.80	
November ...	5.56	4.29	4.10	5.44	6.01	1.88	2.82	5.39	3.09	3.48	
December ...	4.06	7.34	4.43	3.70	5.60	6.39	3.06	3.24	8.59	7.30	
TOTALS ...	48.59	42.82	48.28	40.49	42.04	38.33	41.77	42.02	33.33	40.01	

+ Inspection

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