

RAINFALL AT Lenah's

Blackstone Edge

Observer C. R. Dykes 90/- Rochdale Canal Comp^y Lancashire

Rain { By

Gauge {

Diameter 10.....in.

Height above Ground, 1.....ft. 9.....in.

Above Mean Sea Level 900? ft.

YEAR.....	1866	1867	1868	1869	MEANS.
January.....	5.20	4.60	2.30	3.00	
February.....	6.90	4.90	4.70	7.70	
March.....	2.90	2.50	4.70	3.00	
April.....	2.10	4.90	2.80	3.00	
May	·90	3.10	1.50	4.30	
June	5.80	3.50	1.20	·50	
July	6.70	5.10	1.30	2.10	
August.....	5.50	1.80	5.50	2.40	
September.....	3.10	3.80	3.40	7.40	
October	6.80	2.30	4.60	·80	
November.....	9.40	1.30	5.50	1.90	
December.....	4.90	4.50	5.80	8.10	
TOTALS	60.20	42.30	42.30	44.20	

RAINFALL AT

Lat.

Jan.

County of Lancashire

Rain Gauge, by

Observer C.R. Dykes Esq.

P. 1112

Rochdale Canal Co.

Diameter	10										
Height	1.9										
Altitude	900?										
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	4.20	2.00	6.50	4.90	4.80	5.70	2.60	7.20	4.90	1.20	4.38
February	2.30	4.20	4.50	6.0	2.10	1.20	5.70	5.70	2.00	3.60	3.19
March	2.80	1.40	4.40	2.60	4.60	1.20	4.90	4.30	2.90	1.50	3.06
April	1.10	3.90	4.40	2.0	2.00	1.30	2.90	2.80	1.80	1.90	2.23
May	1.20	1.40	2.90	2.80	1.90	2.60	70	4.20	5.40	1.40	2.48
June	2.60	4.00	4.30	3.10	1.40	3.90	3.70	2.80	2.60	4.90	3.53
July	90	5.50	4.10	5.10	2.40	6.10	3.30	5.30	50	5.40	3.86
August	2.00	1.60	4.00	4.90	6.40	3.40	5.50	4.50	6.00	4.80	4.31
September	4.00	5.10	4.30	3.30	4.20	6.20	5.00	4.90	4.60	2.40	4.43
October	11.50	5.20	6.40	6.50	5.60	5.90	3.80	6.60	4.40	2.20	5.84
November	4.20	1.40	6.20	3.90	4.40	6.30	4.60	6.70	2.50	1.50	4.17
December	2.00	3.10	3.90	1.40	3.50	2.00	8.70	4.40	1.80	2.50	3.33
TOTALS	38.80	39.10	62.20	38.10	43.30	65.80	51.40	59.40	39.40	33.80	45.11

RAINFALL AT Blackstone Edge, Leuchars
 Lat. _____ Lon. _____ County of Lancashire
 Rain Gauge, by _____ Observer C. R. Dykes, Esq.

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Diameter	10										
Height	1.9								1.10		
Altitude	900	800									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January80	.90	1.50	7.50	6.90	2.50	6.00	3.00	2.00	3.60	3.770
February	2.70	5.50	2.90	2.90	3.90	3.50	1.80	1.30	.70	2.60	2.680
March	3.00	4.10	3.80	.60	2.10	2.70	3.40	2.10	3.40	2.70	2.790
April	3.30	1.30	4.80	1.60	1.60	2.40	2.80	1.00	2.70	3.80	2.530
May	2.80	4.60	1.70	.70	1.60	2.00	5.20	2.10	.70	2.50	2.390
June	3.30	1.90	5.90	4.70	1.00	3.90	1.90	.80	2.90	.70	2.700
July	5.10	3.30	3.70	2.20	4.60	1.40	5.10	1.90	6.80	4.70	3.880
August	2.30	5.10	2.40	2.00	1.40	1.40	1.50	1.40	4.60	7.30	2.940
September	4.70	2.30	2.00	6.30	1.60	6.50	{4.00}	6.60	1.60	2.20	3.780
October	3.30	3.30	3.20	5.40	1.80	8.10	{4.90}	3.20	1.90	4.90	4.000
November	4.10	5.90	6.10	4.50	1.00	3.40	2.60	3.00	9.00	3.00	4.260
December	5.10	4.10	3.10	3.70	5.30	2.20	4.60	5.00	3.60	3.80	4.080
TOTALS	40.50	42.60	44.10	42.10	32.80	40.00	42.80	31.40	39.90	41.80	39.800

1880. Littleborough

2½ miles

S.W.

Annual values rejected from survey (y. low).

RAINFALL AT Blackstone Edge Lenchus

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer Rochdale Canal Co
C.R. Dykes Esq

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Diameter	10										
Height	1 10										
Altitude	800										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.00	3.60	4.00	1.30	3.90	2.90	2.60	1.50	4.30	8.40	3.850
February90	.30	3.20	5.70	7.50	.10	1.70	2.90	4.20	1.40	2.790
March	4.20	2.10	.90	1.80	5.10	4.40	7.60	6.00	3.10	2.20	3.740
April	1.40	2.50	1.50	.60	2.00	2.90	1.90	3.90	2.70	4.00	2.340
May	3.40	4.00	4.60	2.60	2.80	.70	.70	1.80	3.50	3.30	2.740
June	3.90	1.50	3.90	2.30	3.20	3.20	2.80	4.50	3.70	1.60	3.060
July	3.90	3.10	3.60	3.60	3.30	5.80	3.20	2.10	1.20	2.90	3.270
August	5.80	8.70	5.80	3.40	4.80	5.40	3.10	4.40	7.70	1.10	5.020
September	1.60	4.20	4.70	4.80	.30	2.10	9.30	4.70	.90	8.90	4.150
October	4.70	6.50	8.00	4.40	5.40	4.90	5.30	2.40	5.10	4.10	5.080
November	7.30	4.20	3.60	3.80	3.70	4.20	1.80	4.90	2.80	1.80	3.810
December70	9.90	2.90	4.80	5.00	5.10	6.30	7.60	6.30	3.30	5.190
TOTALS	43.80	50.60	46.70	39.10	47.00	41.70	46.30	46.70	45.50	43.00	45.040

1892 Littleborough Church 2 1/2 miles SW 1870-
 Barn 20ft high 210ft NE

Annual value rejected from survey (7 tons)

Littleborough
RAINFALL AT Blackstone Edge, Lancashire

Lat.

Lon.

County of Lancashire South

Rain Gauge, by

Observer. Rochdale Canal Co.

Inwell 3

CRDyks. Eq

Diameter ..	10							8		
Height	1.10							2.0		
Altitude ..	800		806							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	Mnths.
January ..	7.20	2.70	3.20	4.70	3.80	2.10	5.90	1.79	4.09	2.41 37.80
February ..	3.50	1.20	1.50	3.70	3.30	2.00	3.10	2.00	2.53	1.70 5453
March60	3.90	2.00	6.20	1.90	3.70	3.70	3.98	2.93	2.70 3.161
April	3.10	2.70	2.10	1.80	3.00	3.00	1.40	2.38	1.78	4.05 2531
May	2.10	1.80	2.80	3.90	2.00	.70	2.60	4.36	2.56	2.10 2492
June	4.50	2.10	1.40	1.50	2.00	2.50	2.50	8.56	2.18	2.63 2987
July	3.10	2.10	2.60	5.20	1.90	3.10	2.20	3.18	4.50	5.74 3362
August	5.90	2.60	3.20	5.70	5.30	6.30	4.50	4.47	3.71	2.95 4463
September ..	2.10	1.00	2.60	6.10	.90	2.40	1.10	1.25	4.08	3.05 2458
October	6.60	3.20	5.00	9.40	2.50	3.40	7.40	5.22	2.17	5.95 5084
November ..	4.40	6.90	2.40	3.00	3.00	4.20	4.60	3.49	2.46	1.07 3552
December ..	6.50	5.70	4.40	2.80	2.70	1.20	3.20	4.66	2.60	6.70 4046
TOTALS ..	49.60	35.90	33.20	54.00	32.30	34.60	42.20	45.84	35.59	41.05 40378

Hudg

Annual values reported from Survey (7 Nov).

RAINFALL at Littleborough Laneshead

County of South Lancashire

Observer

Rochdale Canal Co.

River Basin Mersey Inlet 3

C.R. Sykes Esq

W. A. M. Fletcher

Rain Gauge, by _____

Diameter ...	8										
Height	2 0										
Altitude ...	806										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	7.60	1.84		3.72	3.42	6.40	4.03		2.90		
February ...	2.11	5.26	5.27	1.83	3.54	4.56		6.70	6.91	7.03	
March85	2.04	5.11	5.41	6.03				1.66	10.04	
April	3.55	2.86	1.02	4.29	1.45	3.13	3.51		1.40	1.83	
May	2.87	1.55	2.62	3.33	2.31	3.83	2.49	1.98	2.01	2.10	
June	3.54	2.62	6.25	3.33	2.12	.45	3.02	2.18	1.38	1.82	
July	4.08	.88	2.63	.95	3.54	4.96	2.40	2.16	4.80	1.57	
August	5.54	2.58	7.96	2.27	3.85	4.25	3.55	7.19	2.99	4.04	
September ..	.26	3.92	2.59	1.50	3.27	1.22	2.40	2.83	13.15	1.93	
October ...	2.80	3.18	5.80	2.20	2.59	1.49	8.40	9.19	4.25	2.98	
November ..	5.36	4.72	3.00	4.95	5.91		3.36	5.10	2.60	3.40	
December ...	4.42	6.02	6.56	2.53	6.76	6.82	3.28	2.05	10.03	6.37	
TOTALS ...	42.48	36.97	48.81	36.31	43.79	40.11	43.14	39.59	54.20	36.08	

1919. Gauge frozen up at end of Jan + Feb.

Rejected from Survey. 7" low.

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

RAINFALL at Littleborough Lenches

County of S. Lancashire

Observer Rochdale Canal Co.
M.A.M. Gratt. Eng. M.B.C.

River Basin Mersey-Tweddle 3.

M.O.

Rain Gauge, by M.Z.
2626?

8.00

1.99

8.00

7.99

Glass correct 22.

Diameter ...	8									MEANS.
Height	2.0									
Altitude ...	806									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	4.05	6.80	3.04							
February ...	3.76	6.5	4.38							
March	3.15	3.67	2.77							
April.....	5.92	1.34	2.68							
May	6.05	2.30	1.12							
June	2.71	07	2.14							
July	9.70	1.96	4.43							
August	2.26	6.46	5.50							
September...	2.20	1.62	3.12							
October.....	1.45	2.85	1.04							
November...	2.81	2.74	2.93							
December...	3.90	6.25	4.31							
TOTALS...	47.96	36.91	37.46	#						

Inspected C.R. 6.7.22 4 ft 6 in rail left. Distant on top of rounded knoll. Sloped falls steeply 50 yds S + 30 yds SW. Slight fall 100 yds N. + level on E. Undoubtedly re-exposed.

*Rejected from Survey 7" Env.*Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge