

RAINFALL AT Seneca's

Blackstone Edge

Observer C. R. Dykes Esq Rochdale Canal Comp^y Lancashire

Rain { By

Gauge { Diameter.....12.....in. Height above Ground,.....1.....ft.....9.....in. Above Mean Sea Level 7.80 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	.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

Sench's Blackstone Edge

Lat.

Lon.

County of

Lancashire

Rain Gauge, by

Observer

C.R. Dykes Esq

Rochdale Canal Coy

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	4.40	4.80	5.40	2.60	7.20	4.90	1.20	4.38	
February ..	2.30	4.20	4.50	60	2.10	1.20	5.40	5.40	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	20	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	4.70	4.20	5.40	1.40	2.48	
June	2.60	4.00	4.30	2.10	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	5.50	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	7.30	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	6.40	2.50	1.50	4.17	
December ..	2.00	3.10	3.90	1.40	3.50	2.00	8.40	4.40	1.80	2.50	3.33	
TOTALS ..	38.80	39.10	62.20	38.10	43.30	45.80	51.40	59.40	39.40	33.60	45.11	

RAINFALL AT *Blackstone Edge, Leuchter*

80

Lat. _____

Lon. _____

County of _____

Lancashire

Rain Gauge, by _____

Observer _____

C. R. Dykes, Esq.

Inwell 3

Diameter	10										
Height	1.9							1.10			
Altitude	900		800								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.80	.90	4.50	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	.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	4.30	1.00	3.40	2.60	3.00	9.00	3.00	4.260
December	5.10	4.40	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 Leuchis*

Lat. _____

Lon. _____

County of *Lancashire*

Rain Gauge, by _____

Observer *Rochdale Canal Coy*
C.R. Dykes Esq

Inwell 3

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
February ....	.90	.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
December ....	.70	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 20 ft high 210 ft NE

Annual value rejected from survey (7" loss)

RAINFALL AT *Blackstone Edge Leaches*

Lat.

Lon.

County of *Lancashire South*

Rain Gauge, by

Observer *Richdale Canal Coy*

Inwell 3

C.R. Dykes Esq

Diameter ..	10							8			
Height	1 10							2. 0			
Altitude ..	800		806								
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..	7.20	2.70	3.20	4.70	3.80	2.10	5.90	1.79	4.09	2.41	3789
March	3.50	1.20	1.50	3.70	3.30	2.00	3.10	2.00	2.53	1.70	2453
April .....	.60	3.90	2.00	6.20	1.90	3.70	3.70	3.98	2.93	2.70	3161
May	3.10	2.70	2.10	1.80	3.00	3.00	1.40	2.38	1.78	4.05	2531
June	2.10	1.80	2.80	3.90	2.00	.70	2.60	4.36	2.56	2.10	2492
July	4.50	2.10	1.40	1.50	2.00	2.50	2.50	8.56	2.18	2.63	2987
August	3.10	2.10	2.60	5.20	1.90	3.10	2.20	3.18	4.50	5.74	3362
September ..	5.90	2.60	3.20	5.70	5.30	6.30	4.50	4.47	3.71	2.95	4463
October	2.10	1.00	2.60	6.10	.90	2.40	1.10	1.25	4.08	3.05	2458
November ..	6.60	3.20	5.00	9.40	2.50	3.40	7.40	5.22	2.17	5.95	5084
December ..	4.40	6.90	2.40	3.00	3.00	4.20	4.60	3.49	2.46	1.07	3552
TOTALS ..	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	45.34	35.59	41.05	40378

Annual values repeated from Surveys (7 locs).

RAINFALL at Littleborough LeachesCounty of South LancashireObserver Rochdale Canal Co
C.R. Sykes EsqRiver Basin Mersey Inwell 3W a m. pathley

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			7.03		
March .....	.85	2.04		5.11	5.41	5.03	} 6.70	} 6.91	1.66	10.04	
April	3.55	2.26	1.02	4.29	1.45	3.13			3.51	1.40	1.83
May	2.37	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	9.82	3.28	2.05	10.03	6.37	
TOTALS ...	42.48	36.97	45.81	36.31	43.79	40.11	43.14	39.59	54.20	36.03	

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 LeachesCounty of LancashireObserver Rockdale Canal CoM.A. M. Gault Esq M.B.E.River Basin Mersey-Inwell 3.Rain Gauge, by M.O. M. 2.
8.00
1.99
8.00
7.99
26.26 ?Please correct 12.

Diameter ...	8										
Height	2.0										
Altitude ...	806										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
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	1.82	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.S. 6.7.22 4 ft. 6 in. tall left. distant on top of rounded knoll
ground falls steeply 50 yds S + 30 yds SW. slight fall 100 yds N. + level on E.
Undoubtedly overexposed.

Rejected from Survey 7th Ser.Position of Station on reduced Ordnance Survey
Map, 2 miles 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