

RAINFALL AT

Rochdale Park Observatory

79

Lat.

Lon.

County of

Lancashire

Supplied by
Gibson

J.R. Ashworth Esq.

Rain Gauge, by

Diameter.									8		
Height.									6		
Altitude.									472		
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.									4.84	1.98	
February.									1.57	3.23	
March.									2.93	2.08	
April.									1.80	1.82	
May.									4.65	1.99	
June.									2.80	6.19	
July. ....									.58	6.19	
August.									6.47	6.05	
September.									5.26	3.33	
October.									4.24	3.07	
November.									3.39	1.86	
December.									3.05	3.74	
TOTALS.									41.58	41.53	

RAINFALL AT *Rochdale Park Observatory*

80

Lat.

Lon.

County of *Lancashire*

Rain Gauge, by

Observer

D. Henry

Mersey Swell 3

Diameter				8							
Height				8							
Altitude				<i>472</i>							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...	53	1.01	4.44	5.34	5.65	2.71	7.80	2.82	2.37	2.46	35.13
February ...	3.29	7.94	3.54	2.21	2.73	3.80	7.77	9.3	1.68	3.12	30.01
March	4.22	5.22	3.85	1.40	2.63	2.92	4.62	2.68	2.84	3.08	33.46
April	2.46	1.88	5.28	1.91	1.36	1.32	3.42	1.26	2.21	2.56	23.66
May	3.00	4.86	1.69	.75	1.62	2.22	7.11	2.59	.87	2.32	27.03
June	2.53	2.36	7.06	4.49	.89	5.11	2.35	.85	2.43	1.35	29.42
July	7.18	4.26	6.26	2.61	4.59	1.80	5.41	2.22	7.13	3.70	45.16
August	2.51	6.50	3.04	2.73	2.33	1.83	3.20	1.50	5.99	5.76	35.39
September ...	5.25	2.52	2.91	5.61	3.03	7.59	5.41	5.48	1.74	3.46	43.00
October ...	5.50	3.76	3.38	5.71	2.97	7.35	7.14	2.41	2.44	4.13	44.79
November ...	5.37	6.33	6.22	3.89	1.78	3.80	3.69	2.22	6.68	2.39	42.27
December ...	8.91	5.16	5.94	3.53	5.31	3.10	7.28	3.27	3.41	4.01	49.92
TOTALS ...	50.75	51.80	53.61	40.18	34.89	43.55	58.10	28.23	39.79	38.34	43.924

1883. S. Chad ch. 100 yds. N. E.

RAINFALL AT *Rockdale Park Observatory*

Lat. _____

Lon. _____

County of *Lancashire*

Rain Gauge, by _____

Observer *D. Henry*

Mersy. Inwell 3

Diameter	8										
Height	0 8		0. 6								
Altitude	472										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.73	3.54	4.41	1.64	4.46	4.09	2.21	2.32	3.64	6.67	3.871
February ....	.56	.51	3.12	5.77	6.45	.58	2.46	2.89	4.31	1.67	2.822
March	3.86	2.48	1.58	1.04	4.54	3.78	5.78	4.48	2.44	2.05	3.203
April	1.48	2.59	1.59	.73	1.80	2.21	1.93	3.19	2.81	4.09	2.242
May	3.33	3.11	4.70	2.48	3.10	.85	.48	2.18	3.64	3.45	2.732
June	6.71	2.23	3.65	2.40	3.40	3.32	3.22	4.54	2.95	2.09	3.151
July	3.00	3.87	3.36	4.00	3.52	6.20	2.76	1.62	.54	2.35	3.122
August	5.59	8.32	5.19	3.06	4.64	5.21	2.89	7.16	6.48	1.98	5.052
September....	2.39	3.80	4.81	4.75	.47	2.29	9.25	4.74	1.35	7.79	4.164
October	3.84	6.42	6.55	4.18	4.77	4.60	4.57	2.85	4.66	4.16	4.660
November....	7.08	4.46	3.83	3.85	2.91	3.78	1.50	5.81	3.69	1.68	3.859
December ....	.39	8.89	2.59	4.64	4.75	5.20	5.99	6.45	5.05	3.45	4.740
TOTALS . . .	40.96	50.22	45.38	38.54	44.81	42.11	43.04	48.23	41.56	41.43	43.628

RAINFALL AT

Broadfield

Rochdale Park Observatory

Lat.

Lon.

County of

Lancashire South

Snowdon

Rain Gauge, by

Observer

D. Henry

Dr. A. G. Anderson '08

Swell 3

Diameter ..	8										
Height	6										
Altitude ..	472										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS
January ..	7.18	3.38	2.97	4.00	3.57	2.41	5.99	2.47	4.40	3.39	39.76
February ..	5.10	1.97	1.61	4.27	4.02	2.76	4.59	2.89	4.08	2.49	34.08
March ....	.76	4.18	2.33	5.01	2.89	4.05	3.91	4.16	3.46	3.43	34.18
April	3.13	3.33	2.19	2.16	3.22	3.68	2.17	2.09	2.78	4.21	28.96
May	1.75	1.37	3.09	3.89	3.18	.56	3.14	4.04	3.06	2.34	26.41
June	5.78	1.98	1.16	1.69	1.06	3.13	1.44	7.89	1.74	2.53	28.40
July	3.24	2.20	2.63	4.57	1.60	2.92	2.49	3.80	5.02	6.68	35.18
August	6.98	3.07	3.68	6.63	5.35	5.35	5.21	4.52	3.87	3.31	47.97
September ..	1.74	1.28	2.11	5.43	1.61	2.92	1.58	1.14	4.09	3.08	24.98
October	6.65	3.26	4.68	9.29	2.30	4.05	8.13	5.56	1.82	6.76	52.50
November ..	4.36	6.13	2.52	4.12	4.07	4.30	4.56	3.72	3.06	1.96	38.71
December ..	6.23	6.53	3.35	2.59	3.54	95	5.52	4.91	3.60	8.37	45.59
TOTALS ..	52.84	38.68	32.32	53.65	36.41	37.08	48.73	47.19	41.27	48.55	43.62

1905 Parish Church 130 yards N.E.

Rochdale Station 1/4 mile S.E.

1906 Shrub 6 ft high 20 ft W

† Inspected

Brookfield
RAINFALL at Rochdale Park Observatory

County of South LancashireObserver D. A. G. AndersonRiver Basin Mersey-Swift 3Snowdon Rain Gauge, by _____

Diameter ...	8										
Height	0 6										
Altitude ...	472										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.26	1.86	5.09	4.57	3.94	7.17	4.09	3.74	4.25	5.40	
February ...	5.39	5.74	2.26	1.62	3.07	5.65	6.09	1.35	7.09	1.25	
March	1.11	2.49	6.14	5.42	5.76	2.23	2.78	3.03	2.38	6.36	
April	3.43	2.99	1.44	4.94	1.71	2.09	3.57	2.58	1.40	2.68	
May	3.18	2.06	2.73	3.40	2.49	1.79	3.14	3.15	2.82	2.25	
June	4.09	3.42	5.69	2.77	3.02	1.35	2.57	2.24	1.63	2.24	
July	4.67	.87	4.42	1.13	4.84	5.21	2.27	2.50	4.34	2.57	
August	6.63	2.47	7.23	2.50	3.56	6.43	2.74	7.75	3.57	4.17	
September ..	.25	4.18	1.75	1.64	3.88	.94	2.54	2.51	13.33	2.12	
October ...	4.06	3.39	5.33	2.31	2.53	2.17	9.14	9.16	4.33	2.71	
November ...	6.09	5.16	3.90	5.53	5.92	2.57	3.81	5.31	2.87	4.03	
December ...	4.67	7.33	5.88	3.18	6.61	7.81	3.40	3.11	9.81	8.48	
TOTALS ...	49.83	41.95	51.85	39.42	47.38	45.41	46.14	46.43	57.52	44.25	
	D	D	D	D	D	D	D	D	D	D	

1912 Shows 6 ft high 20 ft W

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1916	53 53.45	45 2. 10. W	Rochdale	600 yds	SE	St Chads	130 yds	N E SE NE

RAINFALL at Rochdale Broadfield Park Observatory

County of LancashireObserver D. A. G. Anderson M.D.H.River Basin Mersey-TrentDr. A. JoffeSnowdon Rain Gauge, by
H.O. (126)

Diameter ...	8								8		
Height	0.6								1.0		
Altitude ...	472								472		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	5.47	7.62	4.03	4.71	3.84	3.84	5.71	5.36	11.25	2.39	6.50
February ...	4.70	.60	5.19	6.56	1.56	7.26 6.57	3.97	2.25	5.15	.94	.39
March	4.09	4.11	3.24	2.29	1.72	1.89	2.63	5.87	3.07	1.55	3.02
April	5.92	1.84	2.59	4.12	1.94	3.00	2.13	3.76	1.03	1.18	2.56
May	6.08	2.46	1.39	4.28	6.00	7.42	4.20	1.84	1.27	4.06	2.07
June	2.80	.42	2.51	1.30	2.36	.33	2.96	4.01	6.61	1.47	2.57
July	9.03	2.14	5.31	5.14	4.58	2.08	2.90	3.53	1.88	3.14	6.61
August	2.91	7.11	4.59	5.98	6.93	3.55	5.90	8.01	5.63	6.70	7.47
September...	3.07	1.39	4.10	5.02	4.79	3.78	3.54	5.53	.67	2.35	3.63
October	1.50	4.76	1.07	6.24	5.63	5.82	3.75	4.25	4.82	6.15	6.06
November...	2.16	2.84	3.68	7.25	2.68	2.79	6.83	4.23	6.59	9.00	5.53
December...	4.22	7.17	6.03	4.78	5.79	3.90	2.55	1.18	3.15	7.88	3.71
TOTALS...	51.95	42.46	43.73	54.67	47.82	46.46 44.67	47.07	49.82	51.12	46.81	50.12
	D	D	D	D	D	D	D	D	D	D	D

1920 Shrub 6 ft high 20 ft W

1927. Dec. 2. is 12 in. above ground. See enclosure 2 A. File 811719/27.

1938 - Value for Feb 1925 ^{corrected} altered 29/11/38.Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	53° 10' ^{45"}	2° 10'	Rochdale	600 yds	SE	St. Chad's	120 yds	NE

RAINFALL at Rochdale (Broadfield Pk. Obsy.)

County of South LancashireObserver Medical Officer of HealthRiver Basin Mersey-Twedd-3Type of Gauge M.O.Annual Average 13.3 in. based on 35 years obs. un-weighted. Period of average 188-195 Ref. B.M.N.
811719/27.

Diameter	8.										
Height	1-0.	0.	0.								
Altitude	472.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.65	5.85	2.87	3.73	1.64	4.28	2.95	4.43	5.04	2.43	
February	5.60	2.22	3.09	4.8	4.72	2.16	5.33	1.91	4.89	1.98	
March	3.6	2.44	2.82	2.40	1.41	2.59	1.77	1.03	2.32	3.28	
April	3.26	3.75	1.89	2.11	3.23	8.9	2.00	5.4	1.58	2.53	
May	2.60	4.35	1.77	2.55	8.7	1.29	2.37	3.55	1.57	1.22	
June	5.60	9.0	2.29	2.05	4.33	3.84	1.96	4.56	3.21	9.3	
July	4.75	4.24	3.78	1.93	1.48	2.96	2.15	4.29	6.66	5.10	
August	5.23	1.38	1.62	3.19	1.56	2.58	2.68	3.94	3.61	1.56	
September	3.31	5.38	1.32	3.64	6.75	5.02	1.59	1.43	1.52	4.26	
October	2.59	6.70	4.80	4.92	7.28	4.27	1.70	3.50	1.95	3.92	
November	7.70	2.48	1.43	1.76	4.70	5.83	1.69	4.91	6.42	6.82	
December	2.46	1.77	5.58	5.85	3.36	3.60	2.76	4.93	3.50	4.63	
TOTALS	49.11	39.46	28.26	34.61	41.33	40.41	28.95	44.02	42.27	38.66	

Sheds 5' high 12' W 1940 Jan. part sold.
Bandstand 25' " 66' S.Observation terminated 4.6.1941.
Recommended: 1947 ed H.W.R.Gauge set up by water engineer at Lord St.
Rochdale, 5.6.41.Position of Station on reduced Ordnance Survey Map,
1 mile 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
1931			Rochdale	580 yds	SW.	Rochdale	160 yds	NW.