

RAINFALL AT

Rochdale Fieldhead

70

Lat.

Lon.

County of

Lancashire

Rain Gauge, by

Observer

S.S. Platt Esq. C.S.

Diameter.							8					
Height.							6 4					
Altitude.							486					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.								6.41	4.06	1.77		
February.								4.88	1.79	2.88		
March								3.41	2.37	1.83		
April							# 2.69	2.09	2.30	1.87		
May.							1.03	3.19	4.64	2.03		
June							3.43	2.17	2.62	5.80		
July.							3.09	5.65	.71	5.40		
August							4.23	4.46	6.10	4.57		
September.							3.96	4.05	4.50	2.69		
October.							3.01	5.76	4.22	2.92		
November.							3.78	6.73	3.02	2.16		
December							6.22	3.66	2.48	3.18		
TOTALS								52.46	38.81	37.10		

RAINFALL AT *Rockdale Fieldhead*

80

Lat.

Lon.

County of *Lancashire*

Rain Gauge, by

Observer

S.S. Platt Esq. C.E.

Musey - Inwell 3

Diameter	8						8				
Height	6 4						6 4	12 0			
Altitude	486						486	484			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	42	97	4 00	5 11	6 44	3 07	6 52	2 12	2 19	2 54	
February	2 25	6 41	3 51	2 30	2 46	4 12	83	64	1 01	3 15	
March	3 27	4 79	3 52	75	2 77	3 83	3 01	2 10	2 74	2 70	
April	2 03	1 90	4 67	1 75	1 56	1 33	2 84	96	2 06	2 46	
May	2 38	4 19	1 88	69	1 89	2 23	6 42	1 99	93	1 93	
June	2 81	2 08	6 78	4 49	91	5 15	1 68	58	2 23	1 10	
July ..	6 21	3 72	6 12	2 80	4 51	1 54	3 75	188	6 93	3 36	
August	2 14	5 48	2 33	2 87	2 19	1 66	2 22	1 47	5 30	5 56	
September....	4 54	2 57	2 30	5 80	3 05	6 27	3 97	5 35	1 50	3 32	
October	5 28	3 74	3 66	5 90	3 50	6 09	5 76	2 39	2 20	3 86	
November....	4 54	4 28	6 09	5 44	1 72	2 23	2 57	2 03	6 83	1 98	
December	7 02	5 01	4 33	4 34	5 08	2 06	5 74	3 04	3 15	3 78	
TOTALS	42 89	45 14	49 19	42 24	36 08	39 58	45 31	24 55	37 07	35 74	

St. Chad's Church 1155 S.S.W. 1200 yards S by W.

Gauge on large platform 6' 4" above platform 13' 8" above ground

1887 Wall 9 ft high 75 ft N

Wall 10 " " 90 ft W

Wall 7 " " 60 ft E

1888 Gauge moved 1st May 45 yards S

Annual values rejected from survey (7 low).

RAINFALL AT Rochdale Fieldhead

Lat. _____

Lon. _____

 County of Lancashire

Rain Gauge, by _____

 Observer S. S. Platt Esq. C.E.
Mersey - Inwell 3

Diameter	8											
Height	12 0											
Altitude	480 \overline{ft}											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.23	3.16	4.73	1.65	4.63	3.83	2.36	2.03	3.70	6.30	3.762	
February ....	.55	.43	3.30	5.87	7.07	.55	2.60	3.03	4.39	1.56	2.935	
March	3.78	2.40	1.61	1.27	4.91	3.86	6.29	4.77	2.25	2.84	3.398	
April	1.28	2.40	1.42	.67	1.78	2.13	2.00	3.14	2.61	3.74	2.117	
May	2.97	3.03	4.46	2.34	3.21	.81	.54	2.09	3.63	3.20	2.628	
June	3.17	1.80	3.27	2.03	3.36	3.20	3.19	4.32	2.76	1.94	2.904	
July	2.74	3.41	3.52	3.39	4.05	5.58	3.08	1.68	.60	2.15	3.020	
August	4.85	7.94	4.93	2.85	4.33	4.81	2.28	5.85	6.07	1.64	4.555	
September....	1.97	3.61	4.68	5.06	.35	2.09	8.92	4.66	1.01	7.60	3.995	
October	3.80	6.32	6.53	4.40	4.80	4.75	4.63	2.71	4.66	3.79	4.629	
November....	7.22	4.51	3.68	3.90	2.97	3.84	1.55	5.66	3.37	1.65	3.835	
December ....	.36	9.35	3.07	4.75	4.84	5.70	5.99	6.16	4.96	3.28	4.846	
TOTALS . . .	37.92	48.36	45.20	38.18	46.30	41.15	43.43	46.10	40.01	39.69	42.624	

1890 Si. Leads Rochdale 1155 yards SSW of Fieldhead 2 1/2
 wall 9 ft high 210 ft N
 " 14 " " 150 " E
 Slab 20 " " 150 " S
 Shed 15 " " 66 " W

New gauge January 1898

Annual values rejected for surplus (7' low)

RAINFALL AT Rochdale Fieldhead

Lat. Lon. County of Lancashire South.

Recording Rain Gauge, by Richard J. C. Observer S. S. Platt Esq. C.E.
Say, from Cassella 1907

Inwell 3

Diameter ..											
Height								12	0		
Altitude ..								484			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..								2.12	4.28	3.09	
February ..								2.76	4.16	2.59	
March								3.99	3.08	2.96	
April								1.83	2.42	3.89	
May								3.50	2.61	2.06	
June								7.51	1.52	2.17	
July								3.57	4.58	6.60	
August								4.22	4.13	2.77	
September ..								1.05	3.87	2.93	
October								5.13	1.59	6.25	
November ..								3.36	3.00	1.75	
December ..								4.42	2.91	7.37	
TOTALS ..								43.46	38.15	44.43	

3 7 7

1909 St Chad's Church 1155 yards 555
 Wardleworth Station 380 . SE

Annual values rejected from Survey (8" low)

RAINFALL AT Rochdale Fieldhead

Lat.

Lon.

County of

Lancashire South

Rain Gauge, by

Observer

S. S. Platt Esq. Ch.

Inwell 3

Diameter ..	8											
Height	12 0											
Altitude ..	484 ft											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	6.75	3.36	3.15	4.00	3.92	2.32	5.65	2.10	4.17	2.99	3.835	
February ..	3.70	1.75	1.50	4.31	3.84	2.60	4.37	2.72	4.06	2.51	3.136	
March ....	.70	3.74	2.66	5.00	2.42	3.36	3.78	3.92	3.02	2.94	3.154	
April	2.82	2.93	2.16	2.16	3.08	3.27	1.84	1.82	2.43	3.82	2.643	
May	1.46	1.18	2.87	3.72	2.86	.49	2.90	3.48	2.59	2.04	2.359	
June	4.97	1.95	1.21	1.57	.97	2.89	1.14	7.46	1.53	2.15	2.584	
July	2.50	1.86	2.63	4.44	1.40	3.23	2.05	3.52	4.52	6.45	3.260	
August	5.78	2.82	3.04	6.29	5.23	4.67	5.00	4.19	4.10	2.72	4.384	
September ..	1.30	1.09	1.96	5.11	1.40	2.70	1.40	1.05	3.78	2.87	2.266	
October	6.06	3.39	4.76	8.96	2.21	3.94	7.41	5.07	1.58	6.03	4.941	
November ..	3.88	6.33	2.42	3.86	3.98	3.89	4.47	3.36	2.92	1.71	3.682	
December ..	5.77	6.56	3.75	2.25	3.13	.90	4.79	4.35	2.91	7.15	4.156	
TOTALS ..	45.69	36.90	32.11	51.67	34.44	34.36	44.80	43.04	37.61	43.38	40.400	6.50

1900 St. Chad's Church 1155 yards S.S.W

Wall 9 ft high 210 ft N

" 14 " 150 " E

Stable 20 " 150 " S

Shed 15 " 66 " W

1903 Wandlewood Station 380 " S.E

Annual totals rejected from survey. (7' low)

RAINFALL at Rochdale Fieldhead YardCounty of South LancashireObserver S. S. Plalley clH. YardwoodRiver Basin Messy, Sewell 3Ordinary Rain Gauge, by Casatelli

Diameter ...	8										
Height	12. 0										
Altitude ...	484 $\bar{\kappa}$										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.58	1.68	4.52	4.04	3.61	7.04	3.74	3.43	3.21	4.79	
February ...	4.61	5.52	1.73	1.52	2.59	5.14	5.65	1.19	6.94	1.11	
March .....	.83	2.10	5.70	4.90	5.12	1.38	2.31	3.07	1.93	5.88	
April	1.98	2.68	1.33	4.48	1.63	1.88	3.26	1.96	1.38	2.22	
May	2.77	1.70	2.55	3.55	2.64	1.73	2.59	2.51	2.15	2.01	
June	3.56	3.08	5.23	2.41	2.66	.97	2.33	2.00	1.29	1.83	
July	4.29	.84	3.77	.85	4.37	4.63	1.94	2.38	3.76	2.45	
August	6.23	2.29	6.67	2.14	3.26	5.42	2.85	7.00	3.18	3.49	
September ..	.15	3.93	1.53	1.44	3.53	.81	2.63	2.44	12.54	1.93	
October ...	3.57	2.87	5.03	1.93	2.50	1.94	5.39	8.80	3.69	2.68	
November ..	5.44	4.43	3.38	5.17	5.83	2.52	3.53	5.01	2.71	3.82	
December ...	4.27	6.74	5.35	3.14	6.16	7.15	3.14	2.53	9.51	8.28	
TOTALS ...	44.37	37.86	46.79	35.57	43.90	40.61	42.36	42.32	52.29	40.49	
	D	D	D	D	D	D	D	D	D	D	

1912 Wall 9-14 ft high 50 + 70 yards E + N
 State 20. 50 5
 Shed 15. 22 W

Referred from Survey. 7" low.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53.7.23 N	2.9. W		Wardleworth	380 yds	SE	St Chad	1155 yds	SSW

RAINFALL at Rochdale Fieldhead YardCounty of South LancashireObserver S. I. Platt Esq C.E.
H. YarwoodRiver Basin Messy Swell 3Recording Rain Gauge, by Candler

Diameter ...	6										
Height	12										
Altitude ...	484 π										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.67	1.68	4.57	4.06	3.61	7.12	3.74	3.47	3.49		
February ...	4.68	5.61	1.74	1.51	2.59	5.19	5.65	1.18	7.04		
March .....	.83	2.12	5.72	4.89	5.12	1.38	2.31	3.03	1.93		
April	3.02	2.70	1.33	4.47	1.64	1.88	3.26	1.96	1.38		
May	2.79	1.71	2.55	3.56	2.64	1.75	2.59	2.55	2.15		
June	3.59	3.08	5.26	2.41	2.66	.96	2.33	2.00	1.27		
July	4.38	.86	3.81	.85	4.38	4.63	1.94	2.38	3.75		
August	6.33	2.29	6.73	2.14	3.26	5.46	2.85	7.00	3.18		
September ..	.15	4.00	1.54	1.44	3.53	.80	2.63	2.44	12.59		
October ...	3.64	2.89	5.09	1.93	2.50	1.94	8.43	8.80	3.69		
November ..	5.56	4.45	3.43	5.17	5.83	2.59	3.52	5.01	2.71		
December ...	4.39	6.81	5.39	3.16	6.16	7.17	3.14	2.53	9.51		
TOTALS ...	45.08	38.20	47.16	35.59	43.92	46.87	42.89	42.35	52.69	NR	

1912 Wall 9.14 ft high 50.70 yds E + N
 Stable 20 " 50 " S
 Shed 15 " 22 " W

Rejected from Survey & Co.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53.37.23	2.9.		Wardleworth	380 yds	SE	St Chad	1155 yds	SSW

RAINFALL at Rochdale Fieldhead YardCounty of S. LancashireObserver H. Garwood Esq. C.E.River Basin Mersey-Juwell 3S. H. Morgan. Esq. (1922)Borough Surveyor (Rochdale)Ordinary Rain Gauge, by Casatielli

Diameter ...	3								8"		
Height	12. 0								1'		
Altitude ...	484								473'		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...	5.45	7.62	3.94	4.57	3.31	3.77	4.99	4.59	12.58	2.48	6.74
February ...	4.84	5.2	4.99	6.36	1.31	7.39	3.54	1.80	6.11	.92	.53
March	4.06	3.92	2.93	2.05	1.62	1.64	2.43	5.30	2.96	1.52	3.18
April	5.68	1.84	2.35	3.86	1.66	2.92	1.85	2.93	.93	1.30	2.44
May	7.01	2.10	1.28	4.16	5.42	6.14	4.20	1.81	1.28	3.69	2.09
June	2.76	.39	2.29	1.03	2.20	.19	2.21	4.12	6.59	1.64	2.50
July	10.18	2.06	4.88	4.56	4.17	1.88	2.54	2.53	1.75	3.13	7.00
August	3.09	6.68	4.39	5.77	5.64	3.43	4.97	7.53	4.66	6.43	7.29
September...	3.67	1.56	3.57	4.47	4.25	3.71	3.27	6.07	.58	2.82	3.54
October	1.73	4.35	.84	6.12	5.34	5.05	3.91	3.92	4.90	6.18	6.30
November...	2.27	2.70	3.53	7.39	2.57	2.66	5.96	4.75	7.99	8.61	6.19
December...	3.94	7.17	5.57	4.24	5.05	3.40	1.72	1.18	3.32	8.66	3.99
TOTALS...	54.68	40.91	40.56	54.58	42.54	42.18	41.59	47.53	53.65	47.28	51.79
	D	D	D	D	D	D	D	D	D	D	D

1926. Wall 9ft. 70 yds N.
 " 14 " 50 " E.
 Stakes 20 " 50 " S.
 Head 15 " 22 " W.

1928 The height of the rain-gauge was lowered 1'0" above the ground on the 1st Jan. 1928.
 The position is practically the same.

Rejected from Survey 7' low.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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
55°37'23"	2°9'		Hardleworth	380 yds	S.E.	St. Ghads	1165 yds	S.S.W.

RAINFALL at Rochdale (Fieldhead Yard)County of South LancashireObserver S. H. Morgan, Esq., C.E.River Basin Mersey-Trent - 3.

Type of Gauge.....

Annual Average 44.8 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. 5

743051/27.

Diameter	9.										
Height	1.0.										
Altitude	473										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.07	5.92	2.74	4.08	2.04	4.76	4.00	6.01	6.27	2.52	
February	5.65	2.28	3.36	.52	5.82	2.45	5.98	2.32	5.36	2.73	
March	.50	2.90	3.13	2.78	1.33	2.66	1.90	1.28	3.01	4.05	
April	3.64	3.64	1.85	2.45	3.55	.99	2.67	.68	1.91	2.20	
May	2.45	4.60	1.70	3.13	1.04	1.48	2.43	3.95	1.74	1.11	
June	4.89	.81	2.29	2.50	4.52	4.26	2.15	5.60	3.27	.85	
July	4.45	4.04	3.97	2.56	1.72	4.00	2.48	4.65	7.02	3.97	
August	4.54	1.41	1.88	4.04	1.65	2.67	2.95	4.18	3.87	1.88	
September	3.23	5.52	1.37	3.69	8.01	5.29	1.87	1.59	1.78	4.17	
October	2.56	7.38	5.12	5.90	9.33	5.57	1.99	10.90	2.01	4.32	
November	7.16	3.65	1.93	2.02	5.00	7.35	1.86	6.27	7.34	7.23	
December	2.58	2.07	.67	6.39	4.16	4.33	3.04	5.43	3.57	4.27	
TOTALS	47.52	42.22	30.01	40.03	48.17	45.81	33.32	53.06	47.15	39.30	
	2.	3	2.	2	2	2	2	2	2	2	

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	Direction	Parish Church.	Distance	Direction
				from gauge			from gauge	

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 2862

RAINFALL at Rockdale (Fieldhead Yard)

41

County of South Lancashire

Observer S. H. Morgan Esq. C.E.

River Basin Mersey Inverell - 3

W. H. G. Manser Esq. S. S. Tech. A. H. E. C.

Type of Gauge Glover

Borough Inverell (550)

Annual Average 44.8 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 743051/37

Diameter	8"			561	581						
Height	10"				1						
Altitude	443'				441						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	9.7	5.28	6.21	6.09	3.87	5.77	3.51	10.65	2.60	2.55	
February	4.82	2.04	3.55	2.24	6.19	7.32	1.29	3.88	2.17		
March	3.89	3.40	1.37	4.8	1.42	1.46	6.04	1.83	3.18	2.04	
April	1.98	2.94	2.66	3.28	2.53	1.59	4.11	2.09	5.07	3.58	
May	2.54	3.58	3.04	2.97	4.21	1.47	2.27	1.75		1.83	
June	3.6	6.4	4.40	3.56	5.00	3.31	2.63	5.84		2.05	
July	3.10	4.25	2.10	4.53	2.56	4.56	4.03	2.15		4.53	
August	6.11	5.14	7.32	2.62	2.94	6.16	3.4	4.54	3.68	5.97	
September	7.3	2.33	4.78	4.81	3.19	8.21	3.75	3.57	1.46	8.13	
October	4.81	5.33	2.63	5.38	7.20	7.8	1.07	3.81	5.16	2.50	
November	3.26	1.55	3.71	3.00	7.8	7.38	6.12	2.78	5.31	4.85	
December	2.64	3.33	1.44	5.21	2.99	3.93	3.19	5.20	6.57	3.50	
TOTALS	35.21 d	41.07 d	43.21 d	50.17 d	42.88 d	51.94 d	38.35 d	48.09 d	N.P.	N.P.	N.P.

1947. Petrol Bins 2' 7" high 7' 6" away. Cabins 7' 6" high 25' 9" away. Bunkers of Timber 4' 10" high 27' 2" away.
 1948 N.P. by, gauge broken

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.

BRITISH RAINFALL ORGANIZATION

Station No. 2862

RAINFALL at Rochdale (Fieldhead Yard)

51

County of Lancashire

Observer

10. H. G. Hurden Esq. B.Sc. D.M. (C.K.)

River Basin Mersey-Trent

Type of Gauge Gaisher

Annual Average 41.5 in. based on 5 years obs. un-weighted.

Period of average 1881-1915

Ref.

File No. 743051/27

Diameter ...	8"			561	581						
Height ...	1' 6"				1						
Altitude ...	473				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.37	6.62	1.89	5.77	5.63	5.13					
February ...	3.13	1.76	1.55	3.42	2.37	.85					
March ...	4.88	2.75	1.75	2.36	1.08	1.94					
April ...	3.21	3.40	2.75	.75	2.59	3.10					
May ...	1.84	2.29	3.17	3.07	3.96	1.51					
June ...	.89	3.77	3.55	3.34	3.03	3.04					
July ...	3.32	2.42	6.29	6.58	1.22	7.83					
August ...	5.79	4.60	4.88	6.49	.98	9.88					
September ...	2.95	4.03	3.72	5.80	3.30	3.71					
October ...	1.40	5.80	2.73	3.32	2.70	3.44					
November ...	9.18	2.97	5.25	6.52	2.27	1.40					
December ...	8.80	4.44	2.00	7.22	6.84	4.04					
TOTALS ...	50.78	45.26	39.53	59.64	35.97	45.87					
	D	d	d	d	d	d					

1951 Diesel pump 5' 6" high at 34' N.

1955 Open shed 11' 17 1/2" SSN

1960 Jammed, broken down

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 50 64 899 142

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	41-48 19.48 34-43 47 241-43, 46	
	✓	D 21-30	✓		