

RAINFALL at *Rochdale Rock Mills Sewer Works*County of *South Lancashire*Observer *S. S. Platt Esq. C.E.*River Basin *Messing, Grewell 3**St. Garwood*Rain Gauge, by *Castelli*

Diameter ...					8								
Height					10		1.1						
Altitude ...					363								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...					3.42	6.93	3.73	3.72	3.93	5.51			
February ...					2.78	5.61	6.00	1.19	6.71	1.21			15.11
March					6.05	1.90	2.32	2.96	2.47	6.78			14.53
April					1.93	2.00	3.31	2.03	1.37	2.46			9.17
May					2.95	1.82	3.03	2.91	2.57	2.18			10.69
June.....					3.22	1.47	2.37	2.27	1.88	2.48			9.00
July					5.51	5.54	2.33	2.70	4.01	2.56			11.60
August.....					3.98	6.69	2.94	8.20	3.35	3.76			18.25
September ..					3.78	.76	2.93	2.68	12.96	2.13			20.70
October ...					2.70	2.07	8.74	9.20	4.18	2.84			24.96
November ..					5.91	2.05	3.60	5.45	2.85	3.76			15.66
December...					6.70	7.44	3.54	3.24	9.58	7.65			24.01
TOTALS ...					48.93	44.28	44.84	46.55	55.86	43.82			190.57

1916 Building 19' height 9' 9" N
Wall thickness 9". 110'. N.W.

Date.	Lat. N.	Long.W/	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.36	2.10.	Rochdale	2100 yds	NE	St. Chad's	1900	NE

RAINFALL at Rochdale Rock Mills Sewage Works

County of Lancashire

Observer H. Farwood Esq. G.E.

River Basin Mersey-Irwell 3

S. H. Morgan CE (·
Borough Surveyor (Roehdale)

Rain Gauge, by Cassartelli

1926. Building 19 ft. high, 81 ft. N.
wall 9 " " 110 " NW

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
	53° 36'	2° 10'	Rochdale	2100 yds	N E	St Chads	1900	N E.

RAINFALL at Rochdale (Roch Mills Sew. Wks.)

County of South Lancashire

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

River Basin. Mersey-Irwell-3.

Type of Gauge. Graham

Annual Average 44.5 in. based on 16 years obs. unweighted. Period of average 1861-1875 Ref. 5

743051/27.

Diameter	8.										
Height	1.1.										
Altitude	363.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.77	5.27	2.60	3.86	1.63	4.41	3.27	5.02	5.49	2.11	
February	6.52	2.21	3.23	4.46	4.67	2.27	5.43	1.90	5.19	2.56	
March	2.7	2.66	3.03	2.24	1.64	2.34	1.68	1.94	2.52	3.71	
April	3.45	3.70	2.11	2.16	3.38	1.02	2.25	1.7	1.84	3.60	
May	2.79	4.57	1.70	2.83	1.04	1.58	2.51	3.89	1.79	1.04	
June	6.40	7.74	2.56	2.68	4.76	3.80	1.94	4.65	3.44	1.00	
July	5.59	4.26	3.72	2.18	1.76	4.26	2.06	5.03	6.82	5.49	
August	6.33	1.62	1.68	3.79	1.75	2.60	2.06	3.63	3.90	1.85	
September	3.47	4.84	1.78	8.53	7.02	5.21	1.73	1.62	1.95	5.27	
October	2.61	7.41	5.02	4.95	8.16	4.58	1.93	10.19	2.18	4.82	
November	8.26	2.77	1.77	1.88	5.06	5.58	1.82	5.37	7.74	8.30	
December	2.33	1.99	6.64	6.21	3.56	3.60	2.63	5.20	3.57	5.76	
TOTALS	53.79	40.04	24.84	36.76	44.43	41.45	29.31	47.92	46.43	45.51	

1936. Pumphouse 20 ft. high 84 ft. N.

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....
1 mile to 1 inch Series

Station No. 2860 M.W.R. 6/47.

RAINFALL at Rockdale (Rock Mills Sewage Works)

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County of South Lancashire

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

2/1948

River Basin Mersey - Irwell - 3

H.H.S. Morgan Esq. B.Sc. M.N.I.C.

Type of Gauge Glaisher Standard (1917)

Borough Surveyor (1950)

Annual Average 44.5 in. based on 16 years obs. unweighted. Period of average 1881-1915 Ref. S

File No. 743051/27

Diameter	8"		561	698		5"					
Height	11"			1		1' 0"					
Altitude	362'		X	X	41		362'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.15	5.33	5.69	5.83	3.80	5.44	4.33	9.16	2.10	2.97	Totals 46.80
February	4.93	1.61	3.05	2.22	5.60	6.87	7.2	3.04	3.05	5.20	36.29
March	4.80	3.90	1.21	4.6	1.15	1.08	5.97	1.57	1.92	2.17	24.23
April	2.01	2.68	2.54	2.86	2.38	1.29	3.63	1.95	3.74	3.68	26.76
May	2.49	3.85	3.13	3.19	4.93	1.33	2.21	2.07	4.90	1.83	30.23
June	5.52	8.85	4.28	3.92	5.10	3.38	2.89	4.85	.51	2.25	28.58
July	2.89	4.72	3.44	3.84	2.96	5.14	3.85	2.67	2.00	4.69	36.20
August	8.75	4.68	7.09	3.81	3.29	5.82	3.30	4.96	3.33	6.25	48.28
September	6.69	2.37	5.10	4.80	2.67	7.28	3.34	2.69	1.58	7.05	37.57
October	4.92	5.84	3.21	4.86	5.75	1.03	.91	2.74	4.75	2.70	36.83
November	3.15	1.13	3.50	7.48	6.69	7.16	6.39	2.13	6.38	5.61	43.62
December	2.68	3.76	2.39	4.93	2.78	4.06	3.44	4.03	7.53	3.55	39.15
TOTALS	39.28	40.72	44.69	48.20	41.10	49.88	38.04	41.86	44.49	47.95	433.51

1947 Gauge moved 100' ~ 30' 16
 Inspected by Mr. W.J. Graswich 21.9.48. Satisfactory gauge in good condition & 6 yds from screen within enclosure.
 H.O. gauge MK II 38 YO (with T.measure)
 10/5/50 New 5" M.O. gauge & measure set.

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	Parish Church.	Distance from gauge
1947			Rockdale	2000'	E by N.	Rockdale	2800'

Station No. 2860

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6/47RAINFALL at Rochdale (Rock Mill Sewage Works)County of LancashireObserver W. H. G. Mercer Esq. B.Sc., F.R.M. Inst.C.E.River Basin Thersey - Irwell - 3Borough RochdaleType of Gauge Snowdon + A

Annual Average 44.5 in. based on 16 years obs. un-weighted. Period of average 1891-1915 Ref. S

File No. 743251/27

Diameter ...	5"											
Height ...	1' 0"											
Altitude ...	362'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January	4.63	5.03	1.62	4.41	3.06	4.96	4.30	4.38	3.55	5.94	41.88	
February	2.71	1.32	2.23	3.30	2.30	1.23	2.89	6.49	.55	3.02	26.04	
March	5.00	2.59	2.12	3.04	1.97	1.57	3.73	2.63	2.09	1.11	25.79	
April	2.26	3.72	3.04	.78	2.46	3.09	.54	1.39	3.29	2.64	23.21	
May	1.56	2.09	2.51	3.12	3.84	1.74	1.55	3.70	1.80	1.95	23.86	
June	.89	4.23	3.64	3.56	3.22	2.70	2.30	4.72	4.42	1.71	31.39	
July	3.48	2.15	5.49	5.62	2.12	7.08	4.95	3.86	3.28	7.34	45.27	
August	5.09	4.72	5.23	5.85	1.36	10.50	6.19	4.67	.51	5.83	49.95	
September	2.89	3.76	3.84	5.63	2.82	3.52	6.15	4.85	.33	3.02	36.81	
October	1.35	4.62	2.23	7.58	2.55	3.30	6.29	4.42	4.95	4.74	42.03	
November	8.33	2.47	4.69	6.33	2.26	1.89	2.25	1.61	4.52	7.37	41.72	
December	7.74	4.19	1.78	6.85	5.81	4.35	5.05	4.13	7.52	4.71	52.13	
TOTALS	45.93	40.89	38.42	55.97	33.77	45.87	46.19	46.85	36.81	49.38	440.08	
	D	D	D	D	D	D	D	D	D	D		

Ins 22.9.58 C.J. Hansen. G.Sounds. C.R. sat.

Annual Average 43.90 in. based on 4 years obs. Mills 1944-57. To short. Period of average 1946-50 Ref. 2 Rejected.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 34086129

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1914	✓	✓	✓	D 41-47