

RAINFALL at Rochdale Home Pasture ResCounty of South Lancashire Observer F. H. Brunel Esq. C.E.River Basin Mersey Inlet 31918 Snowdon Rain Gauge, by Gasella

Diameter ...			4				5				
Height			1.0								
Altitude ...			760								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.46	5.89	4.92	4.47	8.84	5.48	3.83	3.62			
February ...	8.73	2.67	2.54	3.22	5.74	6.60	1.21	7.33			
March	3.70	8.43	6.27	6.61	2.08	3.24	2.66	2.05			
April	4.18	1.96	5.45	1.98	2.72	4.72	1.76	1.42			
May	2.54	3.89	4.65	3.08	2.37	3.41	2.23	2.29			
June	4.89	7.35	3.34	3.12	1.38	3.35	1.97	1.82			
July85	5.68	1.36	5.25	6.26	2.78	2.70	4.22			
August	3.43	8.74	2.47	4.11	6.02	3.92	7.40	3.47			
September ..	5.59	2.61	2.28	4.55	1.04	3.87	2.77	14.31			
October ...	4.49	6.05	2.55	3.10	2.11	10.40	9.65	4.35			
November ..	6.98	5.11	6.59	7.64	3.29	4.58	5.37	2.85			
December ...	9.72	6.87	4.17	6.91	8.90	3.98	2.87	10.43			
TOTALS ...	57.46	65.25	46.49	54.04	50.75	56.33	44.42	58.16			

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Wardleworth Broadly 1913	1 1/2 m	SSE	Whitworth	1 1/4 m	NW

RAINFALL at Rochdale Hamer Pasture ReservoirCounty of S. LancashireObserver H. A. Braddock Esq.River Basin Mersey - Irwell 3Engl. & Fr. gauges Rochdale Waterworks.Shawdon Rain Gauge, by Casele
B.R. 1670

Diameter ...	5"										
Height	1 0										
Altitude ...	760										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...	5.91	8.95	4.79	5.27	3.72	4.30	6.28	5.88	14.34	2.90	7.11
February ...	4.66	6.9	5.73	6.46	1.47	7.85	4.86	1.98	7.20	1.06	5.6
March	4.50	4.69	3.52	2.22	1.88	2.03	3.66	6.26	3.30	1.49	3.22
April	6.00	2.23	5.10	4.34	2.15	3.45	2.38	5.08	1.16	1.41	2.86
May	6.43	2.82	1.85	4.80	6.51	7.15	5.04	2.07	1.68	4.35	2.33
June	2.67	3.8	2.97	1.87	2.49	1.3	3.32	5.32	7.48	1.45	1.87
July	9.11	2.26	5.74	5.02	5.23	2.58	3.67	3.62	2.45	3.14	7.50
August	3.45	7.87	5.31	7.32	7.35	4.39	5.96	7.89	7.61	4.06	9.20
September...	3.21	1.61	4.26	5.50	4.59	4.56	5.08	6.84	4.41	2.90	5.10
October	1.47	4.25	1.13	6.94	5.37	6.18	4.98	5.77	6.06	4.08	7.69
November...	2.43	3.03	4.39	8.59	2.79	2.88	7.12	6.41	10.55	9.55	6.78
December...	4.86	8.30	6.07	4.99	6.14	3.99	3.14	1.40	3.84	10.10	3.80
TOTALS...	54.70	47.08	45.89	63.32	50.19	49.49	55.49	59.12	66.41	53.39	58.02
	D	D	D	D	P	D	D	D	D	D	D

VIII/31 Inspected by Dr. Glasspool - see green file.

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	53° 34'	2° 7'	Wardleworth	1 1/2 mi	SSE	All Saints Rochdale	2 mi	S.

RAINFALL at Rochdale (Hamer Pasture Res.)

County of South Lancashire Observer Rochdale Corpn W.W.

River Basin Mersey-Twedd - 3.

Type of Gauge.....

Annual Average 48.6 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. 5
666987/26.

Diameter	5.											
Height	1.0.											
Altitude	760.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	6.88	6.41	2.84	4.41	2.21	5.27	4.38	6.70	6.06	2.94	18.10	
February	6.93	.18	4.01	.55	6.72	3.21	6.59	3.03	5.30	3.29	39.81	
March87	2.90	3.16	2.79	1.97	2.82	2.12	1.85	3.42	3.57	24.97	
April	4.22	4.34	2.14	2.80	3.61	1.52	3.45	.91	2.20	2.92	28.01	
May	2.53	5.12	2.11	3.64	1.25	2.08	2.73	4.00	1.63	1.21	26.30	
June	6.48	.79	2.41	3.12	5.04	4.85	2.60	4.96	3.65	1.06	34.96	
July	5.94	4.29	3.56	2.72	2.22	4.78	2.80	5.17	7.07	4.74	43.29	
August	5.73	1.57	2.17	4.17	2.16	3.21	3.13	4.81	3.86	2.40	33.21	
September	3.37	4.00	1.55	4.06	8.95	6.12	2.13	1.59	1.86	5.29	40.92	
October	3.12	9.43	5.68	6.44	9.98	6.68	1.91	10.93	2.24	4.93	61.34	
November	9.28	3.75	2.18	2.39	6.27	7.11	1.78	5.67	7.78	8.38	54.59	
December	2.84	2.52	.63	6.72	4.36	5.01	3.03	5.84	4.20	5.81	40.96	
TOTALS	57.69	47.30	32.44	43.81	54.74	52.66	36.65	55.36	49.27	46.54	476.46	
	2.	2	D	2.	D.	2	D	D	D	2		

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

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

Station No. 2893

RAINFALL at Rockdale (Hamer Pasture Rect)

41

County of South LancashireObserver Rockdale Copm 1010River Basin Mersey - Lower - 3

Type of Gauge

Annual Average 42.6 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. 5File No. 685987/26

Diameter	5'			561	569						
Height	1'0"			.	1						
Altitude	460'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	1.60	7.29	6.72	6.99	4.38	5.70	3.63	10.07	3.03	3.83	53.24
February	6.06	1.92	3.74	2.89	6.52	7.71	2.38	3.89	4.08	5.56	44.79
March	4.96	3.09	1.55	7.4	1.59	1.38	7.02	1.26	1.94	2.84	26.97
April	2.23	2.74	3.04	3.27	2.95	1.58	4.30	2.41	4.59	4.59	31.70
May	2.62	3.52	3.10	3.33	4.75	1.22	2.22	1.58	4.37	2.26	28.97
June	.93	.92	4.59	4.26	5.25	3.97	2.83	6.04	.61	2.95	32.15
July	3.09	5.13	3.56	4.18	3.49	4.74	4.01	2.75	2.76	5.77	39.48
August	7.27	6.44	7.70	3.80	4.58	6.86	.36	5.22	4.03	6.95	53.21
September	.74	2.75	6.21	5.83	3.07	8.24	3.65	3.59	1.50	9.02	44.60
October	5.62	7.70	4.41	5.31	6.91	.96	.92	3.14	5.71	3.14	43.82
November	3.10	1.62	4.57	8.22	.72	8.20	7.73	2.76	7.23	7.04	51.19
December	3.21	4.67	2.71	5.45	3.38	4.01	4.33	4.42	9.03	4.00	45.21
TOTALS	41.25 D	47.79 D	51.90 D	54.27 D	47.59 D	54.57 D	43.38 D	47.73 D	45.88 D	57.97 D	495.33

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.

Station No. 7893RAINFALL at Rochdale (Hamer Pasture Res.)

51

County of LancashireObserver Rochdale Local CouncilRiver Basin Mersey-Powder-3

Type of Gauge

Annual Average 48.6 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. S" " 50.32 " " 40 " " within 1917-57 " " 1916-50 File No. 66697/36

Diameter ...	5"			561	569							
Height ...	1' 0"				1							
Altitude ...	466				51				X			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means- Total	
January ...	5.46	6.79	1.66	5.32	3.03	5.86	5.34	5.26	4.29	6.48	49.49	
February ...	3.29	1.72	3.14	4.32	2.82	1.70	3.05	7.07	.70	3.39	31.20	
March ...	5.40	2.88	2.50	3.58	2.23	1.94	4.99	2.52	2.35	1.28	29.67	
April ...	2.96	4.18	3.49	.92	2.78	3.36	.58	1.68	4.27	3.27	27.49	
May ...	2.14	1.89	2.55	3.30	4.69	2.07	1.76	4.84	1.46	2.01	26.71	
June ...	1.07	4.41	2.93	3.79	3.36	3.75	2.46	5.63	2.91	2.02	32.33	
July ...	3.74	2.96	7.10	7.08	1.65	7.29	5.21	4.17	3.72	8.53	51.55	
August ...	5.29	5.41	6.17	6.86	1.09	12.91	6.95	4.77	.58	5.28	55.31	
September ...	3.61	4.24	4.64	6.81	3.60	4.26	6.24	5.41	.36	3.10	42.27	
October ...	1.73	5.93	2.58	9.57	3.20	3.84	8.71	5.60	5.60	4.89	51.71	
November ...	9.98	3.29	6.06	6.99	2.42	2.26	2.68	2.50	4.55	9.04	49.83	
December ...	10.05	5.27	2.44	8.54	6.87	5.09	5.91	4.64	9.14	5.44	63.44	
TOTALS ...	54.72	48.97	45.26	67.08	37.74	54.43	53.88	54.20	39.99	54.73	511.00	
	D	D	D	D	D	D	D	D	D	D		

Inspected 20.5.55 Mr. P.H.G. Davies. Gauge looks fine; consider measure site reasonable.
Recommended gauge repair.

Position of Station on Ordnance One-Inch map :

No. of Map 95National Grid Reference 34/897.16.1

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
	c 1911	✓	✓	✓	
	3.2-19	✓	✓	✓	