

RAINFALL at Rochdale Hammer Pasture Res.County of South Lancashire

Observer.

74 Broad Esq. Esq.River Basin Mersey Incl. 31918 Snowdon Rain Gauge, by Casella

Diameter ...	6					5					
Height .....	1.0										
Altitude ...	760										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.46	5.89	4.42	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 .....	2.64	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			
July .....	.85	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 ..	6.88	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 Broadley 1913	1½ m	SSE	Whitworth	1¾ m	nW

## RAINFALL at Pochdale Hamer Pasture Reservoir

County of S. Lancashire

Observer H. A. Braddock Esq.

River Basin Mersey - Irwell 3

Supt &amp; Manager Pochdale Waterworks.

Snowdon Rain Gauge, by Casella  
S.R.A. 1670

Diameter ...	5"										
Height .....	1	0									
Altitude ...	760										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930, MEANING.
January ...	5.91	8.95	4.79	5.27	3.72	4.30	6.23	5.88	14.34	2.90	7.11
February ...	4.66	6.69	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	6.86	3.30	1.49	3.22
April.....	6.00	2.23	3.10	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	1.71	2.90	5.10
October.....	1.47	4.25	1.13	6.94	5.87	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	48.89	63.32	50.19	49.49	55.49	59.12	66.41	53.39	58.02

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

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1920	53°34'	2°7'	Wardleworth	1½ mi	SSE	All Saints Pochdale	~ mi S.

RAINFALL at Rochdale (Hamer Pasture Res.)County of South LancashireObserver Rochdale Corp. W.W.River Basin. Mersey-Trwell - 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		Mean	Total
January	6.88	6.41	2.84	4.41	2.21	5.27	4.38	6.70	6.06	2.94	48.10		
February	6.93	1.18	4.01	.55	6.72	3.21	6.59	3.03	5.30	3.29	39.81		
March	1.87	2.90	3.16	2.79	1.97	2.82	2.12	1.85	3.42	3.57	24.91		
April	4.22	4.34	2.14	2.80	3.61	1.52	3.45	.81	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	6.00	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	44.27	46.54	476.46		
	D	D	D	D	D	D	D	D	D	D	D		

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	Parish Church.	Distance from gauge

Station No. 2893

RAINFALL at Rockdale (Hamer Pasture Res.)

41

County of South Lancashire Observer Rockdale Borough Ref. SRiver Basin Mersey Gauge No. 3

Type of Gauge

Annual Average 42.6 in. based on 19 years obs. unweighted. Period of average 1881-1915 Ref. SFile No. 680987/26

Diameter	<u>5'</u>		<u>561</u>	<u>569</u>							
Height	<u>1' 0"</u>		.	1							
Altitude	<u>760</u>			<u>41</u>							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means. Total 0
January	1.60	7.29	6.72	6.99	4.38	5.70	3.63	10.07	3.03	3.83	53.24
February	6.08	1.92	3.74	2.89	6.52	7.71	2.38	3.89	4.08	5.58	44.79
March	4.96	3.09	1.55	7.4	1.59	1.38	7.02	1.96	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	4.73	9.2	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	7.4	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	47.79	51.90	54.27	47.59	54.57	43.38	47.73	45.88	57.97	495.33

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	Parish Church.	Distance from gauge	Direction

Station No. 2893

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RAINFALL at *Rochdale (Hamer Pasture Res.)*County of *Lancashire* Observer *Rochdale Corporation*  
River Basin *Mussey - Giswell - 3*

Type of Gauge.....

Annual Average *48.6* in. based on *19* years obs. un-weighted. Period of average *1881-1945* Ref. *S*  
" " *50.32* " *40* " *1917-57* " " *1916-50* File No. *666977/22*

Diameter ...	5"		501	569								
Height ...	11 ft				1						X	
Altitude ...	468				51							
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	7.39	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	4.71	.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	4.69	9.14	5.44	63.44	
TOTALS ...	5472	48.9	4526	67.08	34.74	54.43	53.88	54.20	39.99	54.73	511.08	
	D	D	D	D	D	D	D	D	D	D	D	

Inspected 20.8.55 by PHG.Drake. Gauge leaky funnel; consider measure site reasonable.  
Recommended gauge repair.

Position of Station on Ordnance One-Inch map : No. of Map 95 National Grid Reference 346847161

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 3.12-19	✓ ✓	✓ ✓	✓ ✓	