

RAINFALL AT Rochdale Ashworth Moor

Lat.

Lon.

County of Lancashire South

Swindon Rain Gauge, by Casartelli

Observer J. Diggle Esq. Ch

Swell 3

Diameter ..	5										
Height ..	1 6	1 2								0 7	
Altitude ..	907 ft	911 ft			957 ft						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.80	2.85	3.75	4.02	2.04	6.16	2.07	4.51	2.57		
February ..	1.89	2.12	3.70	3.39	2.23	3.66	2.55	3.58	2.82		
March ..	3.44	2.83	4.95	2.36	3.55	3.79	4.01	3.40	3.81		
April ..	3.03	2.33	2.33	2.63	2.97	1.87	2.31	2.86	4.09		
May ..	1.52	3.53	4.01	2.96	.61	4.03	4.64	2.43	3.31		
June ..	4.27	2.22	1.41	2.39	1.32	4.03	1.50	8.56	2.18	2.93	
July ..	2.56	1.85	3.19	5.12	2.13	3.06	2.05	3.90	5.52	6.77	
August ..	5.68	3.08	3.71	6.12	5.11	5.28	5.07	5.13	3.95	3.32	
September ..	1.68	2.19	2.38	5.30	1.54	3.01	1.58	1.47	4.26	3.51	
October ..	5.94	3.71	5.05	10.54	2.61	3.65	7.64	5.12	2.47	6.22	
November ..	4.21	6.39	3.08	3.76	3.36	4.98	4.77	3.71	3.28	1.58	
December ..	6.04	5.89	3.52	2.39	3.26	.97	4.51	4.79	3.73	6.82	
TOTALS ..	38.01	36.00	54.36	34.69	36.38	46.63	48.26	43.17	47.75		

1905 June 13 Gauge moved

1907 Norden Church 2 miles E

Ramsbottom Station 3 miles W.

Keepers House 30 yards E

+ Inspected 19.11.03 N.R.M. Gauge in 15 ft. up of fencing

Annual values repeated from survey (6° low)

RAINFALL at Rochdale Ashwood MoorCounty of South LancashireObserver J. Diggle Esq. cl.River Basin Mersey Inwell 3

Harold Heywood Middleton W. P.

Rain Gauge, by Carroll

Diameter ...	5											
Height	1.2											
Altitude ...	957 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		MEANS: Total
January ...	5.56	1.73	4.39	4.32	3.27	6.59	3.49	2.95	3.41	4.88	14.73	
February ...	4.43	5.16	2.19	1.67	2.41	4.85	4.53	1.37	6.31	1.10	13.31	
March94	2.18	6.04	4.47	5.63	1.72	2.25	2.59	2.25	5.17	12.26	
April	3.09	2.65	.95	4.91	1.72	1.88	3.11	1.52	.90	2.32	7.85	
May	3.02	2.28	2.92	3.52	2.57	1.85	3.00	2.00	3.61	2.30	10.91	
June.....	3.83	3.71	6.92	2.92	2.76	1.91	2.47	2.38	1.55	1.76	8.16	
July	5.65	.27	5.11	1.29	5.08	5.11	2.43	3.17	4.86	2.26	12.72	
August.....	7.29	2.92	8.24	2.35	3.90	6.60	4.86	7.24	3.41	4.40	19.41	
September ..	.37	4.61	1.96	2.01	4.10	.76	3.07	2.59	12.70	2.30	20.66	
October ...	3.85	3.43	5.68	2.07	2.86	2.07	8.04	8.98	4.45	2.71	24.18	
November ..	5.47	4.41	3.38	4.92	5.42	2.16	3.24	6.16	2.73	3.68	14.81	
December ...	4.54	6.76	4.64	2.14	5.78	8.43	3.39	2.20	9.94	7.61	23.14	
TOTALS ...	48.04	40.11	52.61	36.59	45.50	43.93	43.38	42.15	56.12	40.49	182.14	

1910 Rainfall at Rossmoor Keeper House

Rejected from Survey. 6.6.

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Ramsbottom	3 m	W	Warden Shawforth	2	

RAINFALL at Rochdale Ashworth Moor ReservoirCounty of St. Lancashire) Observer J. S. Diggle Esq. C.E.River Basin Mersey - Irwell 3Rain Gauge, by CassellaEng. of Heywood & Middleton Water Bd.
J. Entwistle (Secy & Manager)

Diameter ...	5"										
Height	1	2									
Altitude ...	956										956
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN.
January ...	4.46	7.57	3.83	3.84	3.56	3.37	5.10	4.14	11.99	1.42	5.95
February ...	4.19	5.0	5.16	5.61	4.93	6.87	4.53	2.08	5.01	1.18	4.45
March	3.61	3.43	3.47	2.16	1.49	1.54	2.16	4.81	3.16	1.56	2.67
April	5.51	1.67	2.61	4.02	1.98	2.59	1.97	3.15	1.14	1.27	2.81
May	6.46	2.92	1.90	4.06	5.85	4.91	4.30	1.91	1.52	3.23	1.91
June	3.66	4.43	2.89	7.92	2.73	1.05	3.15	5.24	8.24	1.54	1.88
July	9.03	1.88	5.57	5.03	5.31	2.38	2.59	3.80	2.31	3.86	6.70
August	3.27	6.98	5.28	6.09	7.64	4.76	4.95	7.57	7.12	6.44	8.31
September...	2.89	1.63	4.48	5.21	5.21	4.18	3.89	6.33	0.46	2.20	4.90
October.....	1.64	3.34	75	6.39	5.88	5.51	3.87	4.74	6.51	6.69	6.02
November...	2.32	3.44	3.57	7.11	3.12	2.06	6.44	4.72	7.21	8.48	6.46
December...	4.12	6.34	4.75	4.80	5.27	2.92	1.91	1.42	3.04	7.68	4.05
TOTALS...	51.16	40.13	44.26	55.24	48.97	41.14	44.86	49.91	58.01	45.81	52.11
	2	0	0	4	2	0	0	2	1	0	0

Rejected from Survey 6" low.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Ramsbottom	3 mi	W	Norden		
			Worsthorne			Norden	2 m.	S.

RAINFALL at Rochdale (Ashworth Moor Res.)

County of South Lancashire Observer Heywood Water Board.

River Basin Mersey Irwell

Type of Gauge Casella

Annual Average in. based on years obs. un-weighted. Period of average

Ref.

815115/28.

Diameter	5.											
Height	1.2.											
Altitude	956.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.09	5.42	2.57	3.58	2.07	4.66	3.92	5.21	5.40	2.81		
February	4.67	2.21	3.58	.46	5.78	3.20	5.90	2.10	4.91	2.79		
March	4.41	2.70	2.86	2.45	1.62	2.70	1.88	1.26	2.28	3.20		
April	3.79	3.81	1.98	2.61	3.50	1.06	3.18	6.6	1.92	2.72		
May	3.23	5.68	2.02	2.36	.96	1.19	2.10	3.58	1.70	.94		
June	6.90	1.87	2.49	2.85	3.93	4.12	2.01	4.83	3.64	.83		
July	5.32	4.51	3.01	2.53	2.07	5.11	2.50	4.87	6.24	3.89		
August	6.50	1.66	2.13	3.91	1.84	3.89	2.77	4.02	3.40	1.77		
September	3.47	5.25	1.73	3.84	8.42	5.72	1.92	1.99	1.40	4.10		
October	2.65	8.26	4.99	6.04	9.10	5.63	2.11	10.68	2.46	4.62		
November	10.41	3.28	2.18	2.09	4.84	3.61	2.06	5.71	7.57	7.45		
December	2.89	2.28	.72	6.69	3.73	4.09	2.91	5.10	3.59	4.66		
TOTALS	54.83	43.93	30.26	40.41	47.86	46.48	33.26	50.01	44.51	39.81		
	D.											

Inspected 17/9/37. g in fence 15' diameter and 6' high in iron railings and is over-exposed to S. New site selected for g. in turf wall near reservoir some 10 ft lower.

P.T.O.

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		Parish Church.	Distance from gauge
				Distance from gauge	Direction		
			Ramsbottom	3 1/2 m	N.W.	Morden	2 m. S.E.

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

Station No. 2863

RAINFALL at Rochdale (Ordsall Moor Rec.)

41

County of North LancashireObserver Heywood Water BoardRiver Basin Mersey Incl. 3

+ Middleton

1950

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....

Ref.....

File No. 815115/28

Diameter	5"	561	818							
Height	1'2"		1							
Altitude	956'		41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	0.94	5.88	5.51	5.57	3.83	5.07	2.96	9.63	1.90	3.22
February	4.20	2.33	2.62	2.32	5.74	6.06	0.94	3.25	3.08	5.48
March	3.94	3.68	1.19	0.59	1.47	1.16	7.28	1.54	1.91	2.76
April	1.98	2.31	2.34	3.31	2.42	1.55	3.57	1.74	4.00	3.35
May	2.53	3.78	2.96	3.43	4.90	2.20	2.54	1.96	3.83	1.99
June	4.2	7.3	3.95	2.76	6.17	3.84	2.98	5.54	4.49	3.27
July	2.36	4.73	3.29	4.25	3.08	4.69	3.60	2.52	2.41	5.81
August	7.35	4.90	6.68	3.56	4.40	7.80	0.34	5.43	4.65	8.02
September	9.2	2.30	5.46	5.69	2.94	8.76	3.15	3.46	1.50	7.92
October	4.90	6.30	3.78	5.15	6.58	1.18	0.95	3.28	5.55	2.54
November	3.08	1.39	3.35	8.00	6.68	7.43	6.25	2.43	6.49	6.31
December	2.46	4.06	2.30	4.39	3.35	3.95	3.36	3.77	6.71	3.32
TOTALS	35.08	42.39	43.43	49.02	45.06	53.69	31.92	44.55	42.82	53.99
	D	D	D	D	D	D	D	D	D	D

Print with latitude in B.R. of any unexpired Air

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
1941			Ramsbottom	3 1/2 m.	N.W.	Mordene	2 m.	S.E.

BRITISH RAINFALL ORGANIZATION

Station No. 2863

RAINFALL at Rochdale (Ashworth Moor Res.)

51

County of Cl. LancashireObserver Haywood & Middleton Water Board.River Basin Mersey - Irwell - 3

Type of Gauge.....

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....

File No. 8/15.115/28

Diameter	5"	561	818								
Height	1' 2"			1							
Altitude	956'			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.60	4.58	2.04	4.86	2.66						
February	2.93	1.41	1.95	3.51	1.74						
March	4.91	3.15	2.19	3.21	1.85						
April	2.49	4.11	3.51	.90	2.66						
May	1.86	2.68	2.67	3.95	3.99						
June	1.72	4.20	3.64	4.27	4.18						
July	3.53	2.79	6.61	6.62	1.25						
August	5.78	5.52	6.23	7.44	1.25						
September	3.95	3.55	4.84	5.52	3.81						
October	1.22	5.32	2.24	9.84	2.50						
November	9.19	2.78	5.21	6.71	2.55						
December	8.11	4.54	2.13	6.76	6.07						
TOTALS	50.29	44.63	43.26	63.59	34.51						
	D	D	D	D	D						

Inspected May 1956 by D. C. L. - Site of SW. Recommon moves to field 400' ESE.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 56/831158.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1951			Ramsbottom	3 1/2 m	N.W.	Worsten	2 m. S.E.

Summary of Earlier Records from 10-year Sheets :

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