

# RAINFALL AT *Rothdale Ashworth Moor*

Lat. ....

Lon. ....

County of *Lancashire*

*Inverdon* Rain Gauge, by *Casartelli*

Observer *J. Diggle Esq. Ch.*

*Inwell 3*

Diameter ..		5									
Height ....		1 6		1 2				0 7			
Altitude ..		907 <sup>ft</sup>		911 <sup>ft</sup>		957 <sup>ft</sup>					
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	3.43	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 *H.R.M. Gauge in 15 ft. imp. of fencing*

*Annual values rejected from survey (6" low)*

RAINFALL at Rochdale Ashworth MoorCounty of South LancashireObserver J. S. Diggle Esq. C.E.River Basin Messy Inwell 3Rain Gauge, by Canille

Diameter ...	5										
Height .....	1.2										
Altitude ...	957 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS: 1910-1919
January ...	5.56	1.73	4.29	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
March .....	.94	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	4.36	7.24	3.41	4.40	19.41
September ..	.37	4.61	1.95	2.01	4.10	.76	3.07	2.59	12.70	2.30	20.66
October ...	3.85	3.43	5.88	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	5.16	2.73	3.68	14.81
December ...	4.54	6.76	4.64	2.14	5.78	8.13	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	36.12	40.49	182.14
	7	2	3	2	3	2	2	2	2	2	

1914 Rossmore Kippers House

+ Inspected

Rejected from Survey. 6.10

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Ramsbottom	3 M	W	Norden St. Andrew's	2	

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

Diameter ...	5"										
Height .....	1 2										
Altitude ...	956								956		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.
January ...	4.46	7.57	3.83	3.84	3.56	3.37	5.10	4.14	11.99	1.72	5.95
February ...	4.19	5.0	5.16	5.61	.93	6.87	4.53	2.08	5.01	1.18	.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	3.22	1.91
June .....	3.66	.43	2.89	.92	2.73	.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	6.41	8.31
September...	2.89	1.63	4.48	5.21	5.21	4.48	3.89	6.33	0.76	2.20	4.90
October .....	1.64	3.34	7.5	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	49.94	58.01	45.81	52.11
	D	D	D	D	D	D	D	D	D	D	D

Rejected from Survey 6" low.Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Painstilton	3 mi	N	Norden		
			Wardleworth			Norden	2 m.	S.



RAINFALL at Rochdale (Ashworth Moor Res.)County of South LancashireObserver Heywood Water Board.River Basin Mersey-Trawell-3Type 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.	3.58	.46	5.78	3.20	5.90	2.10	4.91	2.79	
March .....	4.1	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	2.18	.66	1.92	2.72	
May .....	3.23	5.68	2.02	3.36	.96	1.19	2.10	3.58	1.70	.97	
June .....	6.90	.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	3.39	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	2.45	4.62	
November .....	10.41	3.28	2.18	2.09	4.84	5.61	2.06	5.71	7.57	7.45	
December .....	2.39	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.	D.	D.	D.	D.	D.	D.	D.	D.	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.

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	Direction
			Ramsbottom	3 1/2 m.	N.W.	Morden	2 m.	S.E.

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

Station No. 2863RAINFALL at Roskilde (Ashurst Moor Res.)

41

County of South LancashireObserver Heywood Water BoardRiver Basin Messy Inwell

1 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	986'		7	41		7					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	94	5.88	5.51	5.57	3.33	5.07	2.96	9.63	1.90	3.22	
February	4.20	2.33	2.62	2.32	5.74	6.06	9.4	3.25	3.08	5.48	
March	3.94	3.68	1.19	.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	73	3.95	2.76	6.17	3.84	2.98	5.54	4.9	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	4.30	6.68	3.56	4.40	7.80	3.4	5.43	4.65	8.02	
September	92	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	9.5	3.28	5.55	2.54	
November	3.08	1.33	3.35	8.00	.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 D	42.39 D	43.43 D	49.02 D	45.06 D	53.69 D	37.92 D	44.55 D	42.52 D	53.99 D	

Print with latitude in B.L. gauge uncorrected 1950

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

BRITISH RAINFALL ORGANIZATION

Station No. 2863

RAINFALL at

Rockdale (Ashworth near Res.)

51

County of

Lancashire

Observer

Heywood & Middleton Water Board.

River Basin

Murray - Irwell - 3

Type of Gauge

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

File No. 2/5115/28

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 W.D. eds. Site of S.W. Reconnoiters field 400°SE.

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.	Direction
1951			Ramsbottom	3 1/2 m	N.W.	Worren	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
	✓	✓	✓	✓	
	✓	✓	✓	✓	