

# RAINFALL AT *Ramsbottom* *Rochdale, Gressenden Barn*

Lat. .... Lon. .... County of *Lancashire South*  
 Rain Gauge, by *Casatelli* Observer *J. L. Diggle Esq. C.E.*

*June 3 M.*

Diameter ..					5						
Height ....					1	0					
Altitude ..					997						
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..		2.95	3.11	4.39	4.54	2.12	6.36	2.09	4.43	2.60	
March ....		2.04	2.05	4.28	3.83	2.22	4.15	2.66	3.24	2.64	
April .....		3.59	2.84	5.49	2.81	3.84	3.71	3.94	3.26	4.26	
May .....		3.28	2.26	2.42	3.06	4.05	1.82	2.26	2.98	4.15	
June .....	#	1.51	3.55	4.32	3.18	.73	4.39	4.63	3.34	3.23	
July .....		4.25	2.38	1.56	2.21	1.46	4.04	1.58	8.42	2.20	2.78
August ....		2.22	1.85	3.21	5.07	2.58	3.11	2.22	3.48	6.24	6.89
September ..		6.35	3.07	3.88	6.61	5.25	5.59	5.46	5.45	4.64	3.44
October ....		1.92	2.31	2.29	5.77	1.98	3.06	1.72	1.54	4.55	3.70
November ..		6.43	3.88	5.34	10.94	3.00	4.02	7.25	4.89	2.34	6.71
December ..		4.59	6.43	3.45	3.87	3.89	5.16	4.87	3.64	3.19	1.76
TOTALS ..		6.54	5.78	3.98	2.75	3.70	1.03	4.16	4.83	4.02	7.71
		39.07	37.52	58.12	39.28	38.97	47.69	47.83	44.38	49.87	

1907. *Nordens Church 2½ miles E*  
*Ramsbottom Station 2½ miles W.*  
 1903. *June-Dec. recd. and entered 23.VI.07.*

+ Inspected

*Annual values rejected from survey (5' low)*

RAINFALL at Ramsbottom Chaselden BarrCounty of LancashireObserver J. J. Diggle Esq. C.E.River Basin Mersey & Irwell 3Rain Gauge, by Casella

Diameter ...	5										
Height .....	10										
Altitude ...	997 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-1919 Means Totals
January ...	5.35	1.67	3.90	4.17	3.39	6.92	3.77	2.50	3.45	5.24	14.96
February ...	5.10	5.98	2.28	1.89	3.28	5.14	4.21	1.37	6.75	.92	13.25
March .....	1.07	2.28	6.30	5.04	5.77	1.69	1.93	2.28	2.43	4.47	11.11
April .....	3.21	2.89	.92	5.21	1.80	2.03	3.51	1.48	.83	2.34	8.16
May .....	3.04	3.68	2.78	3.55	2.59	1.84	3.16	1.73	3.70	2.07	10.66
June .....	3.62	4.11	7.12	3.03	2.07	1.83	3.45	2.61	1.80	1.65	9.51
July .....	5.70	.30	4.94	1.25	5.49	5.12	2.61	2.94	4.89	2.17	12.61
August .....	7.76	3.27	8.18	2.53	4.09	6.03	4.29	7.45	3.75	4.55	20.04
September ..	.39	4.41	2.01	2.23	4.71	.70	3.07	2.75	12.99	2.50	21.31
October ...	3.86	3.57	5.95	2.36	2.87	1.26	8.64	9.32	4.83	2.60	25.39
November ..	5.75	5.03	3.52	5.78	6.37	1.96	3.42	5.15	3.04	4.02	15.63
December ...	4.61	7.26	5.20	2.80	6.30	8.47	3.44	1.96	10.30	8.25	23.95
TOTALS ...	49.46	44.45	53.10	39.84	48.73	43.99	45.50	41.54	58.76	40.78	186.58

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Rejected from Survey. 5' low.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Ramsbottom	3 1/2 m	E	Shillhurst	2 1/2 m	W

RAINFALL at Ramsbottom, Cheesden BarnCounty of LancashireObserver J. S. Diggle Esq. G.C. (Engl)River Basin Mersey-Trawell 3

Heywood &amp; Tiddleton Water Bd

Rain Gauge, by CasellaJ. Entwistle (Secy Manager)

Diameter ...	5"											
Height .....	10											
Altitude ...	997											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...	5.02	7.60	3.87	4.15	3.74	3.54	5.51	4.60	13.46	2.26	6.50	Total 60.25
February ...	4.42	5.0	5.52	5.91	1.93	5.27	4.70	2.51	5.69	1.17	5.0	37.07
March .....	3.74	3.82	3.75	2.38	1.77	1.75	2.24	4.97	3.46	1.60	2.47	31.95
April .....	5.73	1.81	2.71	4.02	2.12	2.77	1.81	3.44	1.24	1.21	2.63	29.52
May .....	6.59	3.30	2.25	3.97	6.06	5.02	4.09	1.91	1.46	3.25	1.89	39.79
June .....	3.76	4.0	2.91	1.78	2.71	1.0	3.24	5.24	8.45	1.61	1.95	31.15
July .....	8.65	1.85	5.34	4.49	5.67	2.24	2.86	4.08	2.44	3.96	6.79	48.36
August .....	3.49	7.44	5.38	6.38	8.73	4.73	5.04	7.56	7.13	6.45	8.13	70.46
September...	2.77	1.77	4.79	5.54	5.21	4.12	4.02	6.44	0.81	2.23	4.68	42.38
October .....	1.76	3.69	1.89	6.81	5.79	5.75	4.63	5.40	6.84	7.20	7.05	55.81
November...	2.54	3.26	3.75	7.60	3.11	2.25	7.18	5.32	7.74	8.95	7.15	59.05
December...	4.44	7.25	4.45	5.10	5.73	3.25	1.84	1.35	3.47	8.59	4.30	49.77
TOTALS...	52.91	42.89	45.61	57.13	51.62	40.79	47.16	52.82	62.22	48.47	54.04	555.66
				M			M	M				44.76

Rejected from survey, 5" 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Ramsbottom	3 mi	NW	Roaden	2 1/2 mi	S.

RAINFALL at Ramsbottom (Cheesden Barn)County of South LancashireObserver Heywood Water BoardRiver Basin Mersey-Trent-3Type of Gauge LondonAnnual Average ~~12.5 in.~~ based on ~~57~~ years obs. ~~un~~weighted. Period of average 1881-1915 Ref P. 355

515115/28

Diameter	5.											
Height	1.0.											
Altitude	997.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	5.86	5.99	3.08	4.01	2.20	5.34	4.44	6.03	5.89	7.2		43.50
February	5.48	2.22	3.65	4.9	6.46	2.55	5.82	2.11	5.67	2.37		34.81
March	5.2	2.85	3.09	2.23	1.78	2.64	1.60	1.25	2.56	3.16		21.68
April	3.67	4.15	2.06	2.46	3.84	1.12	3.45	6.4	2.19	2.63		26.20
May	3.44	5.56	1.99	2.76	.83	1.18	2.24	3.73	1.71	.88		25.32
June	6.97	1.06	2.65	3.04	4.35	4.12	2.19	5.17	3.86	1.05		34.46
July	5.82	4.27	3.56	2.37	2.17	5.51	2.71	5.22	7.76	4.71		44.20
August	6.61	1.55	2.13	4.18	2.02	3.44	2.95	4.11	2.98	2.19		32.16
September	3.74	5.05	1.90	4.21	9.12	5.77	2.04	2.18	1.52	5.26		41.59
October	2.72	8.98	5.50	6.35	10.00	6.05	2.41	12.08	2.45	5.23		61.77
November	10.90	3.95	2.35	2.21	5.34	6.37	2.26	6.41	8.19	8.54		56.58
December	2.58	2.82	60	7.19	4.05	4.70	2.69	5.27	3.91	5.10		39.01
TOTALS	58.37	47.35	32.56	42.49	52.16	48.79	34.80	54.30	48.69	41.84		461.33
						M	M			M		92.8

Inspected 17/7/37. G. on flat moor sloping down to W. New site selected on flat moor to E. of present site - good shelter - in hollow with protection from W. recommend turf wall.

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
1931			Ramsbottom	3m	NW	Harden	2 1/2 m	S.

Station No. 2907

RAINFALL at Ramsbottom (Cheesden Barn)

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County of South Lancashire

Observer Heywood Water Board.

River Basin Mersey-Inverell-3

11 1950

Type of Gauge Snowden

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

File No. 215115/28

Diameter	5"			561	843							
Height	1' 0"				1							
Altitude	997'				41			X				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals.
January	6.9	6.03	6.66	6.37	3.36	5.70	3.21	11.23	2.43	2.99		48.87
February	4.41	2.25	2.94	2.39	6.69	6.10	1.14	3.86	3.88	6.25		39.91
March	3.64	4.26	1.37	.62	1.76	1.34	6.79	1.36	2.11	3.18		26.46
April	2.16	2.74	2.68	3.63	2.69	1.45	4.14	2.02	4.70	3.25		29.51
May	2.92	3.87	2.76	3.75	5.24	1.21	2.40	1.98	1.04	1.80		27.97
June	4.0	.73	4.02	3.08	5.28	3.80	2.93	5.80	.63	3.63		30.30
July	2.69	5.47	3.09	4.42	3.26	4.30	3.68	2.91	3.08	6.42		39.52
August	7.73	5.62	7.36	3.84	4.03	8.06	.35	5.78	4.85	8.46		56.08
September	1.22	2.84	5.79	6.05	3.35	8.57	3.89	3.67	1.66	8.35		45.39
October	8.64	7.04	4.18	6.19	6.66	1.24	1.14	3.67	5.85	3.15		44.79
November	3.35	1.45	3.55	8.96	.61	8.25	6.56	2.76	6.98	6.94		47.41
December	2.73	4.50	2.67	4.69	3.84	4.09	4.17	4.32	7.45	3.35		41.81
TOTALS	38.04	46.80	47.07	53.99	46.77	54.11	40.40	49.36	17.71	57.77		432.02
	M	M	M	M	M	M	M	M	M	M		448

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	3m	NW	Norden	2 1/2m	S

BRITISH RAINFALL ORGANIZATION

Station No. 2907RAINFALL at Ramsbottom (Cheesden Barn)

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County of LancashireObserver Hylwood & Middleton Water Board.River Basin Mursey-TwellsType of Gauge SnowdonAnnual Average 48.16 in. based on 35 years obs. un-weighted. Period of average 1916-1950 Ref. 81545/28 P

Diameter ...	5"			561	843						
Height ...	1' 0"				1						
Altitude ...	994				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.97	6.40	2.07	4.35	4.90						
February ...	2.37	1.45	2.40	3.79	3.45						
March ...	5.17	3.75	2.33	3.39	2.16						
April ...	2.54	3.92	3.81	1.04	2.58						
May ...	1.65	2.32	2.30	4.14	3.30						
June ...	1.23	4.00	2.64	4.40	3.60						
July ...	3.33	2.99	5.35	3.83	1.23						
August ...	5.38	6.57	5.51	5.92	1.34						
September ...	3.89	4.18	4.12	5.55	3.56						
October ...	1.00	4.84	2.49	8.25	2.31						
November ...	9.47	2.81	5.65	5.90	2.54						
December ...	8.41	4.47	2.24	7.35	5.67						
TOTALS ...	49.43	47.70	40.91	57.91	36.64						

Inspected May 1956 Mr. Dicks. Gauge had been stolen. Sited 0/2 S.W. Recount now 400KE

825170

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 34-1170825

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Ramsbottom	3 m.	N.W.		23 m	S.

Summary of Earlier Records from 10-year Sheets:

1916-1950, P-accepted

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