

RAINFALL AT

Rawtenstall Cloughbottom Res

Lat. _____

Lon. _____

County of

Lancashire

Rain Gauge, by _____

Observer

R B Rigby Esq

Inverey - Inwell 3

Diameter								8			
Height								10			
Altitude								1025			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								1.08	3.79	6.62	
February								3.09	3.96	2.21	
March								5.26	2.47	2.84	
April								4.10	3.22	4.67	
May								2.27	3.47	3.23	
June								4.79	3.58	1.73	
July								2.28	1.82	2.50	
August								6.75	6.05	1.98	
September....								5.82	1.51	8.59	
October								2.52	5.34	3.75	
November....								4.97	4.18	3.31	
December								6.65	5.48	3.39	
TOTALS								49.58	44.87	44.82	

RAINFALL at Rautenstall Bughbottom Res No 1County of South Gloucestershire Observer J Woodhead Smith Esq C.E.River Basin Murray Inwell 3

Rain Gauge, by _____

Diameter ...	8											
Height	1.0											
Altitude ...	1025											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-1919 MEANS 1025	
January ...	5.37	1.67	3.63	4.49	3.41	6.01	3.81	2.48	3.09	5.19	14.57	
February ...	5.64	5.20	2.31	2.15	3.95	6.37	4.93	.90	6.00	1.13	12.96	
March	1.19	2.20	6.11	5.88	5.62	1.95	2.40	3.35	2.02	5.05	12.82	
April	4.35	3.06	1.09	6.34	1.64	2.85	4.00	2.07	1.25	2.57	9.89	
May	3.95	4.79	2.57	4.39	2.66	1.58	3.10	2.04	2.51	2.26	9.91	
June	3.19	4.57	6.71	2.27	2.30	.94	3.21	2.94	2.32	2.37	10.84	
July	4.63	.54	5.04	1.28	4.83	5.28	2.55	2.01	3.61	2.74	10.91	
August	7.30	2.84	8.49	2.17	3.26	4.34	4.27	8.36	3.96	4.55	21.14	
September ..	.49	3.78	2.04	1.97	3.41	1.06	2.84	2.43	12.89	2.66	20.82	
October ...	4.51	4.07	5.16	2.37	2.93	1.49	9.62	8.64	4.29	2.87	25.42	
November ..	5.75	5.45	3.83	5.90	7.21	1.78	3.84	5.34	3.37	4.38	16.93	
December ...	5.50	8.59	5.73	3.62	7.12	5.60	4.02	2.80	9.69	8.40	24.91	
TOTALS ...	51.87	46.76	52.71	42.83	48.34	42.25	48.59	43.36	55.00	44.17	191.12	22.6

+ Inspection

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Waterfoot					

RAINFALL at Raustall Bloughbottom Reservoir No. 1.County of LancashireObserver J. Woodhead Smith Esq. C.E.River Basin Mersey-TweddleBury W.D. Eng.(1925) Glaisher Rain Gauge, byJ.A. Rodd C.E. (1930)

Diameter ...	8													
Height	1	0												
Altitude ...	1025													
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.			
January ...	5.20	9.03	4.33	5.85	4.56	4.77	7.38	5.66	13.14	2.37	7.47		69.76	Totals.
February ...	4.26	7.3	5.29	8.04	2.03	7.81	4.98	2.59	5.42	1.11	.83		43.09	
March	4.50	4.63	4.26	3.03	2.02	2.29	3.35	5.40	4.58	1.44	3.61		39.11	
April	6.86	2.54	4.12	5.15	2.81	3.75	2.51	4.45	1.85	1.42	3.41		39.17	
May	6.10	3.37	2.46	5.16	6.74	4.69	4.34	2.10	1.76	3.41	2.66		43.09	
June	2.70	.58	3.23	1.68	3.20	.08	3.60	4.28	7.22	1.99	2.75		31.31	
July	7.91	2.22	5.93	5.91	5.17	2.19	2.98	4.53	2.22	3.61	6.85		49.52	
August	3.03	6.26	5.80	7.66	8.23	6.65	5.27	8.22	8.47	4.98	8.91		73.48	
September...	2.82	2.66	5.46	6.90	6.11	4.82	4.86	7.01	0.80	2.39	5.89		49.42	
October	1.80	3.33	1.40	7.59	5.60	6.99	4.23	6.19	6.88	7.48	8.48		59.97	
November...	3.33	2.93	4.21	7.67	3.57	3.88	8.61	5.74	8.80	10.49	7.24		66.47	
December...	4.33	8.15	6.07	5.92	7.07	4.53	2.64	2.14	4.06	10.50	5.33		60.74	
TOTALS...	52.84	46.43	52.56	70.56	57.11	52.45	54.75	58.31	65.20	51.79	63.13		625.13	
	D	D	D	D	D	D	D	D	D	D	D		48.66	

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
1925.			Raustall					

RAINFALL at Rawtenstall (Cloughbottom) No. 1.County of South LancashireObserver Bury Water BoardRiver Basin Mersey-Tissell-3Tissell Valley Water Bd.Type of Gauge Glegg's (1926) S. 11/37Annual Average 47.4 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. Pro B 424
58782/50.

Diameter	8.					5						
Height	1.0											
Altitude	1025											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	7.00	6.47	3.91	5.02	2.70	6.38	5.12	6.92	5.90	2.06		51.48
February	6.11	33	3.63	52	6.94	3.32	6.14	2.52	5.26	2.23		37.00
March	5.55	3.47	3.25	3.13	1.59	3.12	2.23	2.41	3.45	3.74		26.94
April	4.36	4.80	1.88	3.51	3.24	1.24	4.33	8.5	2.62	3.70		38.52
May	2.98	4.84	3.17	4.07	1.19	.88	2.45	4.43	1.73	1.31		27.05
June	7.22	1.50	2.67	3.03	4.14	4.37	2.61	5.42	4.29	1.06		36.51
July	5.49	5.08	4.01	2.90	2.45	5.00	2.51	6.54	8.34	5.14		47.46
August	6.60	1.49	2.59	4.61	1.76	3.54	2.56	5.41	3.72	3.17		35.45
September	5.12	6.27	3.49	4.40	8.38	5.99	2.09	2.87	.66	4.96		44.23
October	3.49	8.49	6.12	6.22	10.90	5.66	2.48	11.73	2.62	5.12		62.83
November	9.39	3.57	3.18	2.06	5.86	6.77	2.24	8.59	8.25	10.78		60.69
December	2.80	3.14	.77	7.88	3.59	6.71	2.97	6.22	3.41	6.39		43.88
TOTALS	61.10	49.45	38.67	47.35	52.74	53.18	37.73	62.91	50.26	49.66		504.00
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		Pro B

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
			Waterfoot.					

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

Station No. 2924RAINFALL at Rawtenstall (Clough Bottom) N°1

41

County of South LancashireObserver Jewell Valley Water Bd.River Basin Mersey Jewell - 3Type of Gauge SnowdonAnnual Average 47.4 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 424File No. 58782/30

Diameter	5"				5.60	7.27						
Height	1'0"					1						
Altitude	1025'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.73	4.03	6.87	7.14	4.97	5.78	4.05	9.93	3.29	3.69		Total 52.38
February	5.33	2.30	3.86	2.30	6.14	6.84	.87	3.21	3.94	5.91		40.70
March	4.17	4.33	1.40	.72	1.81	1.10	8.48	2.21	1.96	2.91		29.16
April	2.28	2.47	2.97	3.24	2.85	1.58	4.66	2.59	4.20	3.84		30.68
May	3.11	3.96	3.34	3.40	4.64	1.63	2.17	1.74	3.07	2.22		29.28
June	.59	1.56	3.70	4.22	6.64	3.39	3.35	6.37	.83	2.79		33.44
July	2.27	5.76	2.43	3.66	3.43	4.71	3.80	3.05	2.32	5.44		37.37
August	6.80	5.52	8.07	3.81	3.31	8.92	.19	4.87	3.81	7.65		52.75
September	1.23	3.33	5.83	7.00	3.59	8.16	3.82	4.56	1.75	8.59		47.86
October	5.54	8.65	3.87	6.34	6.71	1.19	1.29	3.00	6.89	3.54		46.02
November	3.74	1.66	4.03	8.20	.58	8.78	6.98	2.78	7.21	7.08		51.04
December	3.86	4.73	2.91	5.46	3.87	5.28	3.99	4.88	7.69	3.14		45.51
TOTALS	40.35 D	49.20 D	49.78 D	55.66 D	48.54 d	57.36 D	43.65 D	49.19 D	45.66 D	56.80 D		496.19 9.12

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			Wakenfoot.	3 m		Waterfoot	3 m	

BRITISH RAINFALL ORGANIZATION

Station No. 2924RAINFALL at Rawtenstall (Clough Bottom) No 1.

51

County of LancashireObserver Swivel Valley Water Bd.River Basin Cursey - Swivel - 3Type of Gauge FlowdonAnnual Average 47.4 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 424
" " 51.39 " " 39 " " within 1916-57. " " 1916-50
File No. 58782/30

Diameter ...	5"			560	727							
Height ...	1' 0"				1							
Altitude ...	1025'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means- Totals	
January ...	4.54	5.44	2.13	5.35	2.38	5.69	4.61	5.13	3.62	5.76	44.65	
February ...	4.00	1.65	2.09	3.63	2.05	1.43	4.09	7.05	.76	3.69	30.44	
March ...	5.22	2.33	2.52	3.88	2.38	2.27	4.59	2.21	2.48	1.49	29.37	
April ...	2.67	3.66	4.21	.82	2.84	3.33	.49	1.66	3.70	3.15	26.53	
May ...	2.10	2.47	2.47	4.04	4.48	2.07	1.81	5.48	2.25	2.06	29.23	
June ...	1.38	4.88	3.35	3.12	3.34	3.59	2.55	4.63	3.94	1.48	32.26	
July ...	4.24	2.75	6.29	6.28	1.36	6.32	5.87	3.85	3.73	7.97	48.66	
August ...	5.94	7.35	6.18	7.75	1.84	12.92	6.83	4.47	.62	6.39	60.33	
September ...	3.27	5.01	5.26	6.85	4.04	4.62	7.38	5.00	.30	3.68	45.41	
October ...	1.28	5.41	2.66	9.41	3.92	3.37	6.46	5.20	5.66	5.34	48.71	
November ...	10.26	2.79	6.23	8.29	3.23	2.47	2.76	2.01	5.00	7.94	50.98	
December ...	10.63	4.73	2.46	8.28	6.89	5.62	6.00	5.11	8.77	5.28	63.77	
TOTALS ...	55.55 D	48.47 D	45.85 D	67.70 D	38.75 D	53.70 D	53.44 D	51.82 D	40.83 D	54.23 D	510.34	

Inspected Mr. Dicks July 1956. Gauge leaks at joint. No rain. Copied. L. 6.25 SE but lost on a 6.66.
1957 np low
1958 print

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 346/845267

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1954			Waterfoot		Waterfoot	

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - **Rejected**

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ D 11-19	✓	✓	✓ Abut d 45	