

RAINFALL at Warland Reservoir,County of Yorkshire, W.R. Observer The Rochdale CorporationRiver Basin Ure - Aire - Calder s. H.A. Braddick

Rain Gauge, by _____

Diameter ...					8						
Height					1.5					1.0	
Altitude ...					1250					1245	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...					3.45	5.41	4.75	3.75	13.09	2.81	8.45
February ...					1.24	6.74	3.95	1.62	5.31	.97	1.33
March					1.72	1.63	1.58	5.06	4.53	1.79	3.33
April					2.15	2.90	1.64	3.69	1.69	1.70	4.02
May					7.27	4.70	4.74	1.58	2.53	4.39	2.57
June					2.80	.15	2.74	4.18	9.79	1.92	2.96
July					4.75	1.78	2.99	3.28	3.94	2.64	7.12
August					7.23	4.45	4.19	7.79	7.57	6.54	8.34
September...					5.59	3.73	3.38	5.53	.97	3.18	5.60
October.....					6.65	5.42	4.69	5.31	7.91	7.07	8.05
November...					2.77	2.39	6.47	5.84	9.73	10.19	7.44
December...					6.09	3.68	2.21	2.82	4.52	10.46	4.54
TOTALS...					51.71	42.98	43.33	50.45	71.58	53.66	62.75

Inspected 5.10.23. *H. J. W. S.* The site is situated above the outlet of the dam.
 Inspected 12.8.31 by Dr. Glasspool - see green file.

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
1925			Walsden	1 1/2 m		Walsden	1 1/2 m	

RAINFALL at Walsden (Warkand Res.)County of West Riding Observer Rochdale Corpn.River Basin Ouse-Aire-Calder 8

Type of Gauge

Annual Average 4.5 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref S

66987/26

Diameter	8.										
Height	1.0.										
Altitude	1245.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.91	7.01	30.5	5.32	2.19	5.24	4.96	7.23	6.61	(2.39)	
February	7.15	.36	5.18	.54	7.06	3.52	6.80	2.36	4.98	2.85	
March	.57	2.78	3.73	3.42	1.96	3.22	2.56	1.24	3.00	3.54	
April	4.98	5.04	2.52	3.31	4.62	1.83	3.30	.69	2.21	3.47	
May	3.93	5.95	2.70	3.83	1.03	1.65	2.94	4.43	1.48	1.72	
June	8.23	.80	3.33	3.34	5.88	4.98	3.11	5.29	4.05	.88	
July	5.21	5.70	3.95	3.11	2.38	4.11	2.74	4.36	7.16	3.62	
August	6.03	1.97	2.50	4.31	2.08	3.20	2.71	4.49	3.65	1.71	
September	4.36	6.13	1.93	4.70	9.12	4.45	2.55	1.58	1.54	4.44	
October	3.39	8.93	6.21	7.05	11.74	6.15	2.94	13.43	2.55	5.74	
November	10.46	4.17	3.16	2.64	7.27	7.59	3.02	6.61	7.31	9.53	
December	2.91	3.97	0.70	7.17	3.92	6.36	3.13	5.28	3.79	4.67	
TOTALS	64.13	52.81	38.96	48.74	59.25	52.30	40.76	56.99	48.33	44.56	
	D	D	D	D	D	D	D	D	D	D	

1940 Jan. & Feb. partial.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

Station No. 3225

RAINFALL at Waloden (Warland Res)

41

County of West RidingObserver Rockdale CarterRiver Basin Ouse-Aire-Galder-8

Type of Gauge

Annual Average 48.6 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref 5File No. 666987/26

Diameter	8"		076	997							
Height	1' 0"			1							
Altitude	1245'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.43	(6.49)	7.15	7.21	4.03	5.78	3.23	9.48	1.95	2.93	
February	5.36	(1.59)	3.58	2.23	6.07	5.93	2.89	3.38	3.19	5.65	
March	5.44	(3.94)	1.60	.59	1.37	1.60	1.86	2.24	1.31	3.10	
April	3.15	2.71	2.64	3.87	3.26	1.67	1.82	2.50	1.79	3.84	
May	2.81	4.12	3.31	3.69	4.75	1.79	2.57	1.39	4.11	2.19	
June	1.16	1.35	4.32	4.01	5.54	4.12	3.36	5.97	.79	2.39	
July	1.64	4.59	3.56	4.58	2.43	4.19	3.23	2.15	2.67	4.87	
August	7.30	5.62	7.27	3.81	3.51	7.18	.54	5.37	3.90	6.42	
September	.79	2.63	6.52	7.08	3.19	8.49	3.08	3.41	1.18	7.53	
October	5.44	6.53	3.67	5.42	7.27	1.07	1.37	2.71	5.67	2.68	
November	3.74	1.42	3.60	8.83	.70	9.18	6.56	2.30	6.42	8.26	
December	2.69	4.54	2.78	5.05	3.39	4.13	1.02	4.53	7.20	2.21	
TOTALS	40.95	45.53	50.00	56.32	45.51	55.13	42.53	45.93	43.18	49.07	

1942 Jan. March corr'd for snow.

1950 in. Gauge examined & found sound

70004

Probably low. Needs inspection Nov 5/50

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.

BRITISH RAINFALL ORGANIZATION

RAINFALL at Maliden (Warland Res.) Station No. 3225
 County of West Riding - Yorks. Observer Rochdale Corpn.
 River Basin Cuse - Aire - Calder &
 Type of Gauge Mk1A inspection

51

Annual Average 28.6 in. based on 6 years obs. un-weighted. Period of average 1781-1915 Ref. 5
 " " 52.54 " " 22 " " with 1724-57 " " 1916-50
 File No. 666987/26

Diameter ...	8"			076	997		on 10/90					
Height ...	1'0"				1		5"					
Altitude ...	1245'				51		on 10/90					
							1250					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.35	4.71	1.37	2.46	2.13	7.90	6.53	5.76	4.26	5.88		
February ...	2.96	1.34	2.64	3.24	1.29	1.79	4.24	8.15	.89	5.02		
March ...	4.77	2.44	1.85	2.15	2.18	2.26	4.94	2.94	2.32	1.83		
April ...	2.88	2.87	2.51	.39	1.76	3.82	.60	2.00	4.48	3.82		
May ...	3.13	1.50	2.30	2.31	3.74	2.57	1.88	5.62	2.87	2.38		
June ...	1.89	3.30	1.74	2.06	2.03	3.79	2.77	5.97	2.84	2.13		
July ...	4.49	1.43	4.09	3.60	2.01	8.04	6.31	5.27	4.17	8.39		
August ...	6.19	4.76	4.38	5.06	.64	11.42	7.14	6.10	.79	5.70		
September ...	3.83	2.45	1.86	3.75	1.41	5.52	6.85	6.08	.75	3.39		
October ...	1.53	4.76	1.47	7.33	1.05	4.01	8.80	5.64	6.47	6.06		
November ...	10.00	1.68	2.90	4.65	1.37	2.17	3.99	1.98	6.00	9.91		
December ...	7.55	3.22	1.37	4.51	5.11	5.65	6.98	5.33	11.53	6.74		
TOTALS ...	53.57	34.46	28.48	44.49	24.72	58.94	61.03	60.84	47.37	61.25		
	n.p.	n.p.	n.p.	n.p.	n.p.	0	0	0	0	0		

1951 n.p. low.
 1952 n.p. low.
 1953 n.p. low.
 1954 n.p. low.
 1955 n.p. low

Inspected 17.5.55 Mr Deeks. Gauge a wreck. means flat bottom
 Site o/c but gauge well placed in slight hollow. Recommended
 new gauge and measure. New gauge 22, 10.12.55
 27.10.55
 in full repair of 17.1.55

£ Transfer all

Position of Station on Ordnance One-Inch map : No. of Map 95 National Grid Reference 541 752 215

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
		C1924 ✓ but -24	✓ ✓	✓ ✓	