

Osmotherley.

RAINFALL at Northallerton, Oakdale water works

County of N. R. Yorkshire Observer E. O. Killyard, Surveyor
u. (S. S.)

River Basin Ouse & Swale - 2. Northallerton U.D.C.

M.O. pattern Rain Gauge, by _____

M.

Diameter ...						5"				
Height						12"				
Altitude ...						600'				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929 MEANS.
January ...							2.66	1.97	4.20	3.00 4.50
February ...							1.39	1.36	1.24	.80 1.46
March							1.46	2.76	2.49	.46 3.67
April.....							.95	2.46	1.15	1.45 3.65
May							2.10	1.70	1.95	1.87 1.36
June							3.68	3.28	4.55	1.33 2.80
July							3.96	4.63	.85	1.95 10.72
August							1.46	7.26	5.36	2.92 3.56
September...							2.9	5.65	.35	.66 4.37
October							3.0	3.30	2.87	3.50 2.61
November...							2.8	5.70	3.20	3.00 3.50
December...							2.8	1.35	2.25	1.78 4.64
TOTALS...							imp.	imp.	39.39	30.42 25.19 144.76

1925. The gauge is situated on high ground in an open grass field distant from all hedges, and in the centre of a 16 ft. square, fenced with 4 ft. high post & rails fence. Gauge installed in August.

1926. Soft. - leakage repaired.

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
1928			Northallerton	2 mi		Osmotherley	2 mi

RAINFALL at Osmotherley (Oakdale W.W.)

County of North Riding.

Observer Northallerton U.D.C.

River Basin Ouse Suale 2

Type of Gauge M.O.

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

Diameter	5"											
Height	1.0.											
Altitude	600.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean Total	
January	2.48	1.74	2.31	1.78	2.32	3.55	3.65	3.00	4.70	(1.85)	27.38	
February	1.65	1.15	4.35	1.70	3.50	2.95	3.32	2.00	1.75	1.55	22.92	
March	1.18	2.10	2.28	2.63	1.92	2.80	(3.40)	1.18	2.78	2.55	20.82	
April	4.77	1.72	1.35	4.18	3.26	2.20	3.25	1.26	1.50	2.25	24.74	
May	3.70	6.12	2.50	1.20	1.33	1.70	3.00	3.65	2.18	.90	26.28	
June	4.26	1.70	1.90	1.88	3.00	5.30	1.51	2.80	3.17	1.16	25.67	
July	4.47	4.60	1.93	3.35	1.27	3.50	1.87	3.10	3.52	7.80	33.91	
August	4.30	2.60	1.60	2.50	1.80	3.50	2.20	3.37	1.85	1.33	24.05	
September	7.13	2.87	2.30	2.32	5.70	3.95	1.15	2.60	1.10	1.72	29.84	
October	1.52	4.45	4.46	2.95	3.52	1.40	1.90	3.90	5.58	3.48	33.16	
November	3.62	1.60	4.30	2.60	5.00	3.30	2.50	3.43	2.25	3.97	32.57	
December	1.50	1.21	1.50	5.15	2.75	2.10	5.70	3.60	1.66	2.52	27.69	
TOTALS	40.58	30.86	29.78	31.24	33.37	36.25	32.95	31.89	31.04	31.08	329.04	

1931. Gauge is situated on high ground in an open space grass field distant from all hedges + in centre of a 16 ft square enclosure fenced with a 4 ft high post and rail fence.

1939. Man. estimated

1940. Jan. est. from nearby stns.

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
1931			Northallerton	8 mls		Osmotherley	2 mls.

Station No. 34442

RAINFALL at Osmotherley (Alderdale W.W.)

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County of North Riding Observer Northallerton U.D.C.
 River Basin Ouse. S. Wals - 2
 Type of Gauge M.O.

Annual Average 28.3 in. based on 18 years obs. un-weighted. Period of average 1881 - 1915 Ref. PB. A. 92

File No. H. 88095/36

Diameter	5"	0.55	220								
Height	1' 0"		1								
Altitude	600'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.36	2.18	3.48	1.75	4.95	1.78	2.50	6.22	1.84	1.20	28.26
February	3.90	1.45	1.78	2.54	1.95	.93	2.08	1.44	.57	3.42	18.56
March	2.25	1.25	.37	1.30	.45	1.60	3.26	1.26	.50	.98	13.19
April	1.38	.85	1.15	1.53	1.33	1.90	2.55	1.20	2.27	2.70	16.86
May	1.28	2.80	2.10	1.35	3.30	1.85	2.39	1.38	.87	1.48	19.40
June	.18	1.28	1.95	2.82	3.32	1.75	1.82	6.15	.76	1.82	21.54
July	1.80	4.58	1.10	3.40	1.92	5.75	3.45	1.25	2.00	3.80	28.75
August	3.05	3.10	3.35	4.15	7.70	5.15	.19	3.45	2.45	4.95	31.54
September	.63	2.40	4.11	5.40	1.80	4.60	2.17	1.45	.61	2.95	26.62
October	3.55	3.18	1.86	3.40	3.60	1.70	.52	.94	2.22	1.25	22.22
November	3.40	1.37	2.74	4.75	.73	4.80	2.30	1.20	4.20	5.75	31.24
December	.62	2.47	1.30	1.90	1.80	3.60	2.41	2.75	3.50	2.45	22.70
TOTALS	25.30	26.91	24.89	34.29	32.85	35.41	25.64	28.69	20.78	32.12	286.88

1941 The gauge is situated on high ground in an open field (grass) distant from all hedges, & in the centre of a 16 ft. square post & rail enclosure - fence 4 ft. high.

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
1941			Northallerton	8 miles.		Osmotherley	2 miles.

Station No. 3442

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RAINFALL at Osmotherley (Oakdale M.R.)

County of North Riding - Yorks.

& Dist. W. Bd
Observer Northallerton C.D.C. (W.E.B. 1955)

River Basin Ure - Cleveland - 2

Type of Gauge M.R.

Annual Average 28.3 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. P.B.492
31.78 - 20 - without 1927-56 1916 - 1950 File No. 42809736

Diameter	5"	055	220	on top							
Height	1' 0"		1	9"							
Altitude	600		51	620							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.25	1.56	.75	2.86	1.87	4.20	1.90	2.68	3.10	5.40	26.57
February	2.87	.50	1.90	2.00	2.14	3.30	3.05	3.20	.65	3.15	22.76
March	3.25	1.95	.55	1.78	2.50	.65	1.40	2.72	1.48	1.20	17.48
April	1.60	1.91	2.92	.26	1.40	1.04	.45	1.15	2.30	1.05	14.08
May	4.4	.98	1.75	3.55	2.35	.35	2.20	3.65	.76	1.17	21.23
June	1.28	1.80	3.37	3.03	2.56	3.90	3.25	3.06	2.40	0.60	25.25
July	3.34	1.58	3.85	2.32	1.30	3.83	4.70	2.48	1.35	5.54	30.29
August	6.50	2.98	3.50	8.00	.49	8.20	(5.14)	3.45	.43	3.10	41.79
September	2.86	5.83	1.40	1.88	1.66	2.05	3.11	2.88	.84	2.50	25.01
October	1.85	3.45	2.12	4.55	2.12	1.60	1.90	1.90	1.85	6.87	28.21
November	5.65	2.75	2.30	5.35	2.94	1.60	2.35	1.14	4.46	3.95	32.49
December	2.48	2.90	1.31	2.20	3.00	2.65	2.65	2.25	5.60	3.16	29.20
TOTALS	38.40	28.19	25.72	37.78	24.33	33.37	32.10	31.56	25.22	37.69	314.36

1951. Gauge situated in open field in centre of 16' square rail fence. 1954 - high - 1954

1955 - Catchment transferred to authority of N. & District Water Bd. (forwarded with T.F.S.) Jan-Feb adjusted for snow. M.3. Oct 1957. G. tested found to be sound.

00204

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference S 0414 1466966

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1951			Northallerton	8 fm.		Osmotherley	2 m.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			C 1925	✓	✓	-