

RAINFALL at *Osmotherley, Northallerton, Oakdale Water Works*

County of *N. K. Yorkshire* Observer *E. O. Kelly, J. D. Hurry, J. G. W. B. G.*

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

H. O. Patten Rain Gauge, by

M.

Diameter ...						5"					
Height						12"					
Altitude ...						600'					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...							2.66	1.97	4.20	3.00	4.50
February ...							1.39	1.36	1.24	.80	1.46
March46	2.76	2.49	.46	3.67
April95	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
August46	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	2.55
November...						2.8	5.70	3.20	3.00	3.50	3.52
December...						2.8	1.35	2.25	1.78	4.64	2.60
TOTALS...						<i>imp.</i>	<i>imp.</i>	39.39	30.42	25.19	44.76

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 & rail fence. Gauge installed in August.

1926. Sept. - leakage repaired.

Position of Station on reduced Ordnance Survey } 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
1928			Northallerton	3 mi		Osmotherley	2 mi	

RAINFALL at Osmotherley (Oakdale W.W.)County of North Riding Observer Northallerton U.D.C.River Basin Ouse-Swale-2Type 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	Means	
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	.70	3.50	2.95	3.32	2.00	1.75	1.55	22.92	
March	1.18	2.10	2.28	2.63	.92	2.80	(3.40)	.18	2.78	2.55	20.82	
April	4.77	1.72	1.35	4.18	3.26	2.20	3.25	.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	.70	1.90	1.88	3.00	5.30	1.51	2.80	3.17	1.16	25.68	
July	4.47	4.60	1.93	3.35	.27	3.50	1.87	3.10	3.52	7.80	33.91	
August	4.30	2.60	.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	.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	50.86	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. Mar. 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 from gauge	Parish Church	Distance from gauge	Direction from gauge
1931			Northallerton	8 mls		Osmotherley	2 mls.	

RAINFALL at Osmotherley (Oakdale W.W.) Station No. 3442
 County of North Riding Observer Northallerton U.D.C.
 River Basin Ouse-Swale-2
 Type of Gauge M.O.

41

Annual Average 28.3 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. PB 492

File No. 488095/36

Diameter	5"			055	220							
Height	1' 0"				1							
Altitude	600'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	3.36	2.18	3.43	1.75	4.95	1.78	2.50	6.22	8.4	1.20	28.26	
February	3.90	1.45	.78	2.54	1.95	.93	2.08	.44	.57	3.42	18.56	
March	2.25	1.25	.37	1.30	.45	1.60	3.26	1.26	.50	.95	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	2.70	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	.75	1.52	21.54	
July	1.80	4.58	1.10	3.40	1.92	5.75	3.45	1.25	2.00	3.50	28.75	
August	3.05	3.10	3.35	4.15	7.70	5.15	.19	3.45	2.45	4.95	37.54	
September	.63	2.40	4.11	5.40	1.80	4.40	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	1.30	2.30	1.20	4.20	5.75	31.24	
December	.52	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,
 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			Northallerton	8 mls.		Osmotherley	2 mls.	

BRITISH RAINFALL ORGANIZATION

Station No. 3442RAINFALL at Osnothulgy (Oakdale M.H.)

51

County of North Riding - Yorks.Observer Northallerton W.C. (W.C. 80955)River Basin Cuse - Swale - 2Type of Gauge M.O.Annual Average 22.3 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 492
31.78 2.0 1916-1950File No. 489095/36

Diameter ...	5"		055	220		09 1090						
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	2.26	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 ...	4.49	.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	3.25	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. Gauge 4' high. 1954
 1955. Catchment transferred to authority of N. & District Water Bd. (forwarded with T.F.s). Jan-Feb adjusted for snow. M.O.
 Oct 1957. G. tested & found to be sound. 00209

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 5544 466960

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

Summary of Earlier Records from 10-year Sheets :

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