

## RAINFALL AT Leeds Wortley Res 80

Lat.

Long.

County of

York, W.Y.E.

Rain Gauge, by

Observer

E. F. Miller, Esq., C.E.

Ouse - Aire 9

Diameter .....	8										
Height .....	0.9										
Altitude .....	307 ft										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS,
January .....	.41	3.23	4.53	4.64	1.69	4.05	1.86	1.04	1.07		
February .....	4.08	1.98	2.09	2.22	2.78	.47	.93	.78	1.41		
March .....	4.23	3.02	.69	1.74	1.68	3.10	1.46	2.89	2.25		
April .....	1.61	3.91	3.29	2.33	1.67	1.87	.81	2.70	2.12		
May .....	1.72	1.58	1.13	1.30	2.38	4.83	2.54	1.05	3.36		
June .....	2.83	3.87	3.81	.72	3.49	.79	.09	2.83	.34		
July .....	2.56	4.60	3.62	4.19	.91	6.36	1.27	4.84	1.41		
August .....	4.38	2.25	2.38	1.17	.90	2.20	1.38	1.95	3.81		
September .....	3.38	2.07	5.15	1.88	2.89	1.24	3.01	.88	1.15		
October .....	3.27	5.24	3.64	1.88	4.78	4.40	2.47	.73	4.11		
November .....	4.02	4.30	3.42	1.14	2.45	1.99	2.21	6.99	1.06		
December .....	3.01	3.67	1.36	3.26	.57	4.02	2.13	1.93	1.79		
TOTALS .....	35.80	39.72	35.11	26.47	26.19	35.32	20.16	28.61	23.88		

Hyd. Sta. No. 39-076077

NGR: SE (44) 267326

alt. 94 m 307 ft.

RAINFALL AT Leeds Worlley Reservoir  
 Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of York W.R.  
 Rain Gauge, by \_\_\_\_\_ Observer J. Henderson Esq. C.E.

Use: Aire & Calder 9

Diameter .....	8										
Height .....	0 9										
Altitude .....	307 ft										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	3.88	1.59	1.58	.97	2.78	3.66	.71	2.23	1.12	4.58	2.310
February .....	.87	.02	2.22	2.91	4.99	.52	.95	3.21	2.01	1.86	1.956
March .....	1.95	1.19	1.19	.24	1.86	2.11	3.58	2.91	1.66	1.23	1.792
April .....	.85	1.83	1.18	.79	2.66	1.66	1.60	2.21	2.78	2.00	1.766
May .....	3.46	2.44	3.08	1.93	1.41	.46	.56	1.02	2.27	2.70	1.933
June .....	3.88	1.08	4.25	1.84	2.44	4.01	3.87	3.64	2.07	1.78	2.836
July .....	2.63	3.90	1.99	4.56	2.81	6.68	2.23	.45	.82	1.62	2.769
August .....	4.87	4.44	2.69	1.66	2.50	1.73	1.97	3.02	3.43	1.52	2.783
September .....	2.33	1.89	1.42	1.64	.84	.87	4.27	2.71	.37	3.25	1.959
October .....	.74	3.73	6.42	2.28	3.95	3.54	4.43	1.62	3.54	2.21	3.246
November .....	2.62	3.33	1.80	1.57	1.92	3.50	1.57	2.47	2.55	1.22	2.255
December .....	.84	4.93	.62	3.11	1.54	3.18	3.36	3.18	3.10	3.21	2.707
TOTALS .....	28.92	30.37	28.44	23.00	29.70	31.92	29.10	28.67	25.72	27.18	28.302

Hyd Sta. No. 39-076077

NGR: SE (44) 267326

alt 307 ft 94 m.

N.B. Rejected from survey as 2° high.

3078

3144

RAINFALL AT Leeds Worthy Reservoir

Lat. ....

Lon. ....

County of York w.R. Central  
Observer J. Newman Eng Cl  
C.G. Hennzell Eng Cl

One Ave 9

Diameter ..	8										
Height ..	0 9										
Altitude ..	307 ft										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.81	1.33	1.11	2.24	3.00	.79	3.20	.94	1.65	1.41	1948
February ..	4.29	1.05	1.33	2.35	4.55	1.28	2.24	1.79	1.67	.69	2124
March ..	.46	1.63	.93	3.23	2.06	2.34	1.81	1.90	3.42	3.62	2140
April ..	.94	1.98	1.60	1.43	1.39	2.54	.47	1.76	2.35	2.64	1710
May ..	1.18	.92	2.87	3.43	3.00	.60	2.17	3.66	2.39	1.70	2192
June ..	2.78	1.03	1.61	1.43	.93	1.73	1.77	2.39	1.17	2.61	1745
July ..	3.97	1.39	1.96	2.71	1.57	1.26	1.88	2.25	3.13	3.15	2327
August ..	4.62	1.25	3.69	2.38	3.19	4.76	1.94	1.67	2.31	2.12	2793
September ..	.51	.94	1.00	4.15	.81	1.43	.64	.65	2.59	1.67	1439
October ..	3.44	1.75	2.55	7.76	.43	2.13	4.55	5.61	1.49	2.01	3172
November ..	3.15	3.02	1.67	1.21	1.73	3.80	3.48	3.24	1.53	.39	2322
December ..	2.96	4.45	2.54	1.38	1.69	.27	2.49	3.19	1.70	4.07	2474
TOTALS ..	32.11	20.74	22.86	33.70	24.35	22.93	26.64	29.05	25.40	26.08	26.28

Hgd Sta. No. 39- 076077

NGR: SE (44) 267326

alt. 307 ft 94 m.

RAINFALL at Leeds Worley ReservoirCounty of W.R. YorkshireObserver C.G. Hargill Esq. C.E.River Basin Orme - Orme

Rain Gauge, by \_\_\_\_\_

Hyd. Sta. No. 39-076077

NGR: SF (cont) 267326

Diameter ...	8										
Height .....	0 9										
Altitude ...	307 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. Totals
January ...	2.79	.68	4.51	3.78	1.48	3.88	1.45	1.94	1.87	3.80	9.06
February ...	2.13	1.74	1.60	.74	1.69	3.33	3.96	.67	2.96	1.94	9.53
March .....	.39	.80	3.28	3.07	2.90	.74	3.94	2.47	1.31	3.96	11.68
April .....	2.10	.83	.19	2.47	1.35	1.04	1.34	2.04	1.16	1.65	6.19
May .....	1.75	.74	3.01	2.42	1.05	1.69	2.35	2.49	3.08	1.84	9.81
June .....	2.16	3.90	5.08	1.13	1.89	2.45	1.83	1.25	1.38	.75	5.21
July .....	2.80	.52	4.42	.84	3.16	3.87	1.24	1.05	4.43	2.36	9.08
August .....	3.69	1.93	5.02	.98	1.78	2.98	2.24	5.24	2.21	2.25	11.94
September ..	.11	2.61	1.07	1.13	1.04	.67	1.76	.85	6.90	.87	10.38
October ...	3.10	2.35	2.60	2.68	2.19	1.18	4.10	4.49	1.78	2.71	13.08
November ..	3.97	2.86	1.70	2.35	3.22	2.25	2.98	1.79	1.26	2.22	8.27
December ...	2.76	3.62	2.35	2.08	5.17	6.62	2.37	1.64	4.60	4.12	12.73
TOTALS ...	27.75	22.58	34.83	23.67	26.82	30.70	29.56	25.92	32.96	28.52	116.96

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

RAINFALL at Leeds Worley ReservoirCounty of W. P. YorkshireObserver G. G. Hengell Esq. C.B.River Basin Case. Nine 9(1925) H. Shortreed. C.E.

Rain Gauge, by \_\_\_\_\_

Leeds 10.15

Diameter ...	8	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>1930</u> MILLIMES.
Height .....	0.9											
Altitude ...	307											
Year .....												
January ...	3.07	3.69	3.22	1.54	1.91	2.18	2.43	1.93	6.06	1.87	4.16	32.08
February ...	1.90	1.21	2.80	4.28	1.84	3.84	2.32	1.07	2.59	1.47	1.48	20.80
March .....	2.22	1.46	1.85	1.68	1.09	1.67	1.72	2.36	2.19	1.30	2.82	17.36
April .....	3.81	1.47	2.72	1.84	1.50	3.12	1.41	2.09	1.73	1.15	2.26	22.10
May .....	2.83	1.31	1.06	2.97	3.45	4.57	2.91	2.03	2.07	1.36	2.23	26.59
June .....	1.64	0.97	1.36	1.17	1.86	1.02	3.12	1.46	4.23	1.87	1.64	17.44
July .....	6.18	5.6	3.37	4.01	2.61	1.67	2.65	4.40	1.44	2.90	5.41	39.20
August .....	1.79	4.25	4.64	2.42	2.74	2.33	3.39	5.45	4.29	1.95	3.77	37.02
September...	1.43	1.05	2.68	2.40	2.28	2.72	.90	3.72	1.24	1.70	3.63	21.75
October.....	2.23	1.93	.84	2.30	2.96	2.96	2.85	2.17	4.90	3.10	3.44	29.68
November...	1.30	2.58	1.50	3.12	2.20	1.71	4.43	2.99	4.28	4.62	4.07	32.80
December...	2.70	3.55	3.40	2.64	3.61	3.76	1.97	2.22	1.63	5.58	2.27	32.33
TOTALS...	31.10	52.13	29.44	30.39	27.05	28.35	28.10	31.89	33.65	24.87	36.18	323.45

Kya Sta. No. 39-076077

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_

Reference No. SK (W) 267326

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

## RAINFALL at Leeds (Wortley Reservoir).

County of West Riding

Observer H. Shortreed, Esq., C.E.

River Basin Ouse - Aire - 9.

R.T.H. Farmer, Esq., C.E. (1939)

Type of Gauge

Annual Average 26.1 in. based on 35 years obs. un-weighted. Period of average 1891-1916 Ref.

780902/27

Diameter	8.										
Height	0.9.										
Altitude	307.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total
January	1.85	1.49	1.80	1.82	1.21	3.14	3.04	3.23	4.56	2.87	24.51
February	2.38	.13	3.86	.22	3.12	2.41	4.27	1.36	1.53	2.43	21.70
March	.27	1.60	1.78	2.14	1.01	1.68	2.11	.24	1.86	1.96	14.65
April	3.12	2.51	1.60	2.69	2.78	1.37	3.12	.08	1.03	2.57	20.77
May	2.65	4.24	3.37	1.41	.89	1.66	2.75	3.97	1.60	.67	23.21
June	5.37	.30	1.00	1.76	3.10	3.94	2.31	2.53	2.41	.36	23.08
July	3.71	2.99	2.04	2.14	.47	3.10	2.61	3.68	3.72	3.13	27.59
August	3.88	.84	0.45	.99	1.61	1.63	1.03	3.57	1.40	.31	15.71
September	3.89	2.05	1.43	2.39	3.58	2.96	1.50	2.20	0.97	1.77	24.84
October	1.04	3.50	3.68	2.01	5.33	1.97	2.18	4.31	2.09	3.20	29.31
November	4.60	1.62	1.89	1.80	4.67	3.55	1.72	3.52	3.96	5.28	32.61
December	1.03	.93	0.44	4.28	2.57	1.76	2.17	3.00	1.69	1.72	19.59
TOTALS	33.79	22.20	23.23	23.65	32.34	29.17	28.81	31.79	26.82	25.77	277.57

Inspected 1934 - Recommended that gauge should be sunk until rim is 1 ft. above ground, that rain should be caught in glass bottle and flat-bottomed measure be replaced by a tapered one.

Recommendations carried out - see f. Temp. 45/2

1940 - Jan. corrected for snow.

Hyd. Sta. No. 39-076077

Position of Station on reduced Ordnance Survey Map, } No. of Map.....  
1 mile to 1 inch Series }

Reference No. SE(44)267326

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

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

Station No. T.F. 3278.

RAINFALL at Heeds (Worthing Reservoir)

41

County of West Virginia Observer K. L. Forster Esq., C.E.  
River Basin Ohio - Nine g.  
Type of Gauge

Annual Average 28.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref.

File No. 780902/27

28.17

*Position of Station on reduced Ordnance Survey Map,* | No. of Map.....  
1 mile to 1 inch Series

Reference No. 56-444-267326

Station No. 3278

T.P. 48

51

## RAINFALL at Leeds (Worthy Reservoir)

County of West Riding - Yorks.

Observer K. L. Forster Esq. C.E.

River Basin. Ouse - Aire - 9

Type of Gauge. H.O.

Annual Average 28.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915  
 28.20 1916-1950

Ref. P E23380/58  
File No. 128702/27

Diameter	8"	5"		076	077						
Height	0' 9"					1			1' 0"		
Altitude	307'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.17	2.27	1.47	2.16	1.77	4.27	1.47	2.67	2.81	4.98	25.04
February	3.04	1.47	1.65	2.75	1.87	1.10	3.00	5.15	.08	1.74	20.85
March	2.93	1.77	1.78	1.99	2.53	.82	1.91	1.87	1.26	2.13	17.99
April	.97	1.31	2.16	.38	.79	2.23	.19	.35	3.30	0.86	12.48
May	3.83	1.47	1.37	3.13	2.39	.54	.86	3.39	.86	1.18	19.02
June	.74	1.59	2.11	1.64	1.50	2.73	1.38	3.68	1.81	1.48	18.66
July	2.42	.84	2.67	1.88	.91	3.70	2.45	4.27	1.78	3.46	24.38
August	4.85	2.34	2.98	6.16	.65	5.69	5.15	2.09	.47	1.46	34.84
September	2.29	1.90	2.34	3.00	1.05	2.97	4.07	3.08	.12	3.08	23.90
October	.89	4.02	1.85	3.87	1.61	1.23	2.04	1.77	2.35	5.40	25.03
November	5.97	1.37	2.81	4.66	2.10	.65	1.78	.69	3.24	5.37	28.64
December	2.62	2.17	1.26	2.79	3.47	3.09	3.30	3.52	4.29	2.53	29.04
TOTALS	23.72	21.52	22.45	34.35	20.64	29.02	27.60	32.53	22.37	36.87	279.87

1951. looks low but accept.

Sept 1955 160K. one-in-four NW - SSE. Turfwall etc. g. second.

(44)

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SE 267326

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

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
	✓	✓	✓	✓	