

RAINFALL AT *Leathley, Lindley Wood & Scull*

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer *J. Henderson Esq. C.E.**Ouse Wharfe - 10.*

Diameter								8			
Height								6		- 9	
Altitude								312 T			
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January							5.13	2.75	1.00	.96	
February							69	.89	1.20	1.51	
March							2.68	1.58	3.60	2.32	
April							2.28	.81	3.14	2.94	
May							4.38	2.16	.94	2.83	
June							1.15	.07	2.87	.22	
July							2.58	1.28	5.25	2.09	
August							2.02	2.43	2.59	4.36	
September							1.70	3.83	.54	1.45	
October							4.73	2.18	.60	4.53	
November							1.93	2.80	6.82	1.01	
December							4.82	1.94	2.22	2.08	
TOTALS							34.09	22.72	30.77	26.28	

Farnley Church ½ mile S.

RAINFALL AT Leathley Lindley Wood S

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer J. Hewson Esq. Cl.

Case - Wharf 10

Diameter	8										
Height	0 9										
Altitude	312 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.56	1.86	2.06	.96	3.51	4.22	1.06	2.47	1.85	4.55	2.610
February	1.06	.14	2.91	3.80	5.27	.47	.94	3.07	2.95	1.98	2.259
March	2.46	1.76	1.56	.69	2.36	2.44	3.30	4.09	1.37	1.44	2.147
April	1.10	1.78	1.82	.86	3.68	2.17	1.58	1.81	2.61	2.64	2.005
May	2.86	1.56	3.09	1.98	1.73	.42	.58	1.26	2.21	3.23	1.892
June	2.99	1.23	4.24	1.84	3.14	3.61	5.11	5.15	2.13	1.44	2.085
July	1.85	3.30	1.77	3.76	2.76	5.80	2.41	.74	1.72	2.05	2.616
August	5.12	4.46	4.11	2.54	2.67	3.35	1.67	3.87	3.18	1.71	2.268
September	2.20	2.28	2.00	1.80	.85	1.69	4.18	2.93	.91	4.62	2.346
October	1.03	1.18	7.08	2.43	5.27	4.12	3.83	1.76	4.29	2.99	3.698
November	4.16	3.25	2.09	2.36	1.60	3.93	1.75	2.32	3.24	1.22	2.692
December	1.10	5.08	.87	3.60	2.76	3.90	4.10	3.59	3.76	3.30	2.266
TOTALS	29.49	30.88	33.60	26.62	35.60	36.12	30.51	33.06	30.22	31.17	31.727

RAINFALL AT Leathley Lindley Woods S

Lat.

Lon.

County of York W.R. Northern

Rain Gauge, by

Observer J. Newson Esq. Cr.

Wharfe -10.

C. G. Hargreaves Esq. Cr.

Diameter ..	8										
Height ..	0.9										
Altitude ..	312 II										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.60	2.55	1.73	2.54	3.46	1.31	4.07	1.46	1.82	1.65	2.519
February ..	5.62	1.63	1.27	3.13	4.51	2.29	2.40	2.14	2.49	.93	2.641
March ..	.85	2.41	1.57	4.23	2.09	2.86	2.12	2.43	3.73	4.05	2.634
April ..	1.56	3.06	1.78	1.47	1.97	2.67	.61	1.97	2.70	2.77	2.056
May ..	1.44	1.18	2.75	3.79	2.88	.74	2.43	3.67	2.73	1.59	2.320
June ..	3.95	1.18	1.99	2.08	1.86	1.36	1.14	4.05	1.15	3.01	2.177
July ..	2.99	1.47	2.41	4.36	3.01	1.86	2.18	2.61	3.52	3.48	2.739
August ..	5.32	1.33	3.01	3.73	4.00	4.84	3.84	2.32	2.09	3.53	3.351
September ..	.85	1.02	1.31	4.31	1.16	1.88	.76	.99	3.54	1.98	1.780
October ..	4.32	2.11	3.72	9.25	1.06	2.40	4.76	7.16	1.98	2.75	3.951
November ..	3.79	4.44	2.12	2.30	3.69	4.94	3.78	2.75	2.01	.78	3.060
December ..	3.66	4.76	2.81	1.84	1.95	.52	2.57	3.71	2.08	5.36	2.926
TOTALS ..	38.95	27.14	26.47	43.03	31.64	27.17	30.16	35.26	29.84	31.88	32.154

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RAINFALL at Leathley Lindley Wood S

County of W. Yorkshire
 River Basin. Onse Wharfe 10
 Rain Gauge, by

Observer C. G. Hennell Esq. cl.

Diameter ...	8										
Height	0 9										
Altitude ...	312 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.47	1.01	5.12	4.16	1.92	4.82	2.07	3.12	3.00	4.11	
February ...	3.05	2.97	2.31	1.81	1.86	4.22	4.89	.69	3.49	2.15	
March57	1.72	3.89	4.07	3.04	1.21	4.48	2.84	1.36	4.83	
April	2.83	1.23	.62	3.33	1.05	1.29	1.76	2.33	1.15	1.76	
May	1.97	1.06	2.79	3.03	1.01	1.73	3.37	2.25	2.97	1.52	
June	2.22	2.71	6.39	1.72	2.45	.45	2.01	2.16	.75	1.24	
July	2.80	.53	5.70	.84	4.18	6.92	2.60	1.23	5.07	2.60	
August	4.00	2.20	7.13	1.25	1.60	2.63	2.04	5.56	2.49	2.84	
September ..	.15	2.70	1.56	1.28	1.52	.63	2.20	1.50	7.21	1.03	
October ...	3.56	2.44	3.36	2.80	2.41	1.50	5.74	4.39	1.97	3.55	
November ..	3.79	3.25	2.47	2.78	4.97	2.60	3.66	2.63	1.45	2.68	
December ...	3.48	5.29	3.44	2.20	6.59	6.97	2.35	2.10	6.24	5.69	
TOTALS ...	32.89	27.11	44.78	29.07	32.60	31.47	37.07	30.80	37.15	33.23	

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

RAINFALL at Leathley Lindsey Wood South

County of N.R. Yorkshire

Observer G. G. Henryell Esq. G.E.

River Basin Cuse - Wharfe 10

(1925) H. Shortread Esq. C.E.

Rain Gauge, by

Water Works Ponds

Diameter ...	8										
Height	0.9										
Altitude ...	312										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	4.58	5.00	4.50	2.07	2.53	2.75	3.35	2.90	6.58	1.54	5.12
February ...	2.46	1.19	3.65	5.40	3.86	4.54	2.70	1.44	7.23	1.72	1.92
March	2.64	1.83	2.40	1.80	1.15	1.13	1.69	2.23	2.24	1.62	2.49
April.....	4.28	1.21	3.68	2.27	1.82	3.70	1.65	2.55	1.10	1.37	3.20
May	3.67	1.59	1.11	3.38	4.13	4.42	2.31	1.54	2.22	1.55	1.49
June	1.78	1.2	1.43	1.71	2.71	1.06	5.37	2.58	5.31	1.95	1.91
July	6.32	1.13	4.79	3.79	3.88	1.07	2.33	4.98	.92	3.07	5.09
August	1.71	3.67	4.78	3.46	2.84	2.67	3.49	7.12	7.78	2.01	3.72
September...	1.29	1.17	3.21	2.95	3.34	2.51	1.86	4.01	.52	1.42	3.37
October.....	2.90	1.74	1.04	4.10	3.63	3.60	4.21	2.80	4.99	3.44	3.05
November...	1.84	2.97	1.57	3.89	2.78	2.68	5.35	2.83	4.07	4.87	4.44
December...	3.23	3.91	3.78	3.67	3.59	3.78	1.57	2.42	1.71	6.24	3.27
TOTALS...	36.70	24.53	35.94	37.54	33.26	32.81	35.88	37.40	36.67	26.80	38.07

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

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

RAINFALL at Leathley (Lindley Wood, S.)

County of West Riding

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

River Basin Ouse & Wharfe L.R.

Mr. Farnham, Eng., C.E. (1939)

Type of Gauge

Annual Average 31.2 in. based on 45 years obs. un-weighted. Period of average 1881-1915 Ref. 3

780902/2

Diameter	8.										
Height	0.9										
Altitude	362										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean Total 10
January	2.60	2.40	1.71	2.34	1.50	3.88	3.48	4.17	5.24	2.24	29.56
February	3.37	4.42	4.69	2.25	3.72	2.76	5.47	1.86	2.88	2.10	27.53
March	5.1	2.06	1.77	2.66	0.95	2.21	2.79	1.62	2.39	2.19	18.15
April	3.66	2.81	1.64	3.70	1.94	1.66	2.67	1.23	1.57	3.19	23.07
May	2.48	4.68	4.68	1.66	1.15	1.80	2.46	3.27	1.17	1.61	24.96
June	5.39	7.75	2.17	1.44	2.77	3.89	2.44	2.93	2.09	4.9	24.36
July	4.25	3.73	2.06	1.87	0.99	3.42	2.17	3.45	5.13	3.97	31.04
August	4.06	1.11	0.45	1.75	1.33	2.02	79	4.07	1.82	.75	18.15
September	4.28	2.86	1.75	2.21	5.26	2.54	1.46	3.63	1.56	2.50	27.75
October	1.18	3.96	3.94	2.82	5.79	2.88	2.24	5.44	2.92	3.51	34.18
November	4.91	2.09	3.28	2.13	5.30	3.31	1.88	3.56	4.62	4.62	35.70
December	1.36	1.87	0.80	5.07	2.67	2.47	2.79	4.89	2.36	3.20	26.98
TOTALS	38.05	27.94	28.94	24.90	33.37	32.34	30.64	38.12	33.69	30.37	321.42

Inspected June 1936. Exposure reasonably satisfactory. Recommended moving gauge 20 ft. N.W. and setting up with turf wall around it. Measure with flat bottom in use.

Recommended elevation carried over - seef. Enclosure A

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		Parish Church.	Distance from gauge
				Direction	from gauge		

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

Station No. T.F. 3320

RAINFALL at Leathley (Lindley Woods)

41

County of York W.R. Observer K.L. Foster Eng. C.E.

River Basin Ouse - Wharfe - 10

Type of Gauge

Annual Average 3.16 in. based on 45 years obs. un-weighted. Period of average 1881 - 1915 Ref. S
31.84 1916-50 File No. 73.2202/27

Diameter	8"	063	256								
Height	0.9"		1								
Altitude	312'		41				X				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.91	3.96	4.25	4.11	3.48	3.62	3.19	7.06	1.27	1.69	36.54
February	4.16	1.20	1.82	1.42	3.76	3.49	3.61	1.72	1.91	5.88	28.54
March	4.01	2.61	1.74	1.38	1.82	1.45	5.52	1.48	1.25	1.11	19.37
April	2.29	1.51	1.54	3.19	2.29	1.60	3.31	2.44	2.46	2.87	23.20
May	1.61	2.87	2.16	1.17	2.84	2.62	3.85	1.24	1.89	1.80	22.05
June	2.20	.88	2.42	2.34	3.18	1.94	3.15	3.26	.99	.93	19.29
July	2.14	1.97	1.64	3.58	2.19	4.14	2.29	1.19	2.34	3.99	25.47
August	3.38	2.52	3.07	3.27	4.99	4.86	3.36	3.85	2.32	6.87	34.13
September	.63	1.82	3.19	4.83	1.87	4.48	1.78	1.90	1.13	3.78	25.41
October	3.81	2.48	2.25	2.30	4.09	1.41	1.29	1.24	3.91	1.84	25.22
November	2.99	1.48	2.36	5.27	1.34	6.10	3.11	1.42	4.66	4.03	31.76
December	.96	2.12	1.71	3.23	2.01	2.90	2.89	2.87	4.74	1.65	25.08
TOTALS	30.09	25.42	27.15	35.76	31.86	38.61	34.35	29.67	28.87	34.28	316.06

1944. Because of growing timber, gauge was moved on 19.7.44, 20yds. E N.W. up side of reservoir

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	Parish Church.	Distance from gauge	Direction

BRITISH RAINFALL ORGANIZATION

Station No. 3320 T.F. 41

RAINFALL at Leathley (Lindley Woods)

County of West Riding - Yorks.

Observer H. L. Forster Esq., C.F.

River Basin. Ouse - Wharfe - 10

Type of Gauge. Snowdon

Annual Average 31.6 in. based on 15 years obs. de-weighted. Period of average 1881-1915 Ref. S
 " " 31.84 " 29 " within 1927-57 " " 1916-50 " E 23380/58
 File No. 78A/2/27

Diameter	8"	063	256									Means
Height	0'9"			1								1'0"
Altitude	312'			51								
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960		1949.60
January	2.53	3.53	.57	2.45	1.91	4.47	1.95	2.73	3.23	5.43		28.80
February	3.32	.71	2.52	2.59	2.17	1.78	3.09	5.91	.18	2.48		24.75
March	3.32	1.82	.71	2.12	2.30	1.22	2.12	1.89	1.61	2.10		19.21
April	1.50	1.53	2.44	.29	1.11	3.17	.38	.74	3.29	1.53		15.98
May	5.04	1.68	1.50	4.56	3.24	1.00	1.53	3.95	1.04	1.04		24.58
June	.89	2.01	1.79	1.70	1.72	2.44	1.53	3.14	1.43	0.99		17.64
July	2.31	1.27	2.90	1.34	1.16	4.53	3.40	3.48	2.14	4.59		27.12
August	4.77	3.51	3.94	1.10	1.32	6.21	5.50	2.32	.71	2.61		37.99
September	2.66	3.75	2.28	2.78	1.25	4.96	4.57	4.23	.13	3.19		29.60
October	.90	3.89	2.09	4.22	2.49	1.55	2.91	2.48	3.04	5.69		29.26
November	7.52	2.12	3.07	5.22	2.33	.83	1.96	.75	4.32	6.52		34.64
December	3.78	2.40	1.39	3.88	4.10	3.05	3.36	4.24	5.82	3.44		35.46
TOTALS	38.54	28.22	25.20	38.25	25.10	35.21	32.10	35.86	26.94	39.61		325.03

High. 314m 1900. True 50° 8' W 51° 2' SW. 40° 14' NW. Thin trees & shelter v. well.

\$ Turf-well

(44)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 5E/217486

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

Summary of Earlier Records from 10-year Sheets :

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