

RAINFALL AT Leeds Knostrop  
 Lat. \_\_\_\_\_ Len. \_\_\_\_\_ County of York W.R.  
 Rain Gauge, by \_\_\_\_\_ Observer J. Hewson Esq. Cr.

House Acre 9

Diameter .....							8				
Height .....							9				
Altitude .....							72 T				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....						4.33	.49	2.26	.64	3.60	
February .....						.28	.78	2.70	1.13	1.34	
March .....						1.85	2.78	2.65	.75	1.25	
April .....						1.52	1.11	2.16	2.65	1.77	
May .....						.45	.60	1.07	1.87	2.88	
June .....						3.21	3.13	3.10	2.29	1.41	
July .....						7.02	1.24	.76	.73	1.44	
August .....						1.82	2.03	3.67	3.30	1.53	
September .....						1.21	3.43	2.42	.39	3.38	
October .....						3.33	3.87	1.66	3.31	2.31	
November .....						2.74	1.48	2.36	2.26	1.11	
December .....						2.78	3.34	2.44	1.96	2.43	
TOTALS .....						30.54	24.28	27.25	21.28	24.45	

RAINFALL AT Leeds Knostrop

Lat. .... Lon. .... County of York W.R. Central  
 Rain Gauge, by J. Dawson Esq. Cr.  
 Observer C. G. Hennell Esq. Cr.

Base - Ave 9

Diameter ..	8										
Height ..	0 9										
Altitude ..	72 T										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.20	1.49	1.04	1.91	2.63	.63	2.86	.80	1.25	1.04	1.685
February ..	4.70	1.42	1.17	1.83	3.39	1.16	1.67	1.39	1.36	.66	1.875
March ..	.51	1.68	.80	2.97	1.62	1.97	1.06	1.51	3.45	3.14	1.904
April ..	1.04	1.92	1.76	1.27	1.35	2.03	.56	1.38	2.36	2.70	1.637
May ..	1.21	1.18	2.88	2.92	2.84	.58	1.50	3.18	2.31	1.91	2.054
June ..	2.82	.96	1.23	1.45	.74	1.27	1.36	2.79	.87	3.21	1.670
July ..	3.65	1.72	1.92	2.61	1.05	1.42	1.58	1.52	2.49	2.72	2.068
August ..	5.57	1.51	3.25	2.31	3.08	4.55	1.89	1.54	1.96	2.49	2.815
September ..	.37	1.38	.91	3.67	.84	1.48	.61	.70	1.88	1.37	1.316
October ..	3.49	1.64	2.43	6.89	.37	1.54	4.10	5.18	1.08	1.97	2.869
November ..	2.74	3.60	1.57	1.29	1.38	3.52	2.97	2.91	1.09	.30	2.137
December ..	2.92	4.31	1.83	1.30	1.52	.26	2.12	2.12	1.20	4.86	2.243
TOTALS ..	32.22	22.81	20.82	30.42	20.81	20.85	22.61	25.02	21.30	26.37	24273

H. H. S.

## RAINFALL at Leeds Knotrob

County of W.R. Yorkshire

Observer C.G. Henggellag C.E.

Rivex Basin

Onise-Anie 9

*Rain Gauge, by—*

Diameter ...	8										
Height .....	0	9									
Altitude ...	727										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January .....	2.65	.60	3.83	2.87	.51	3.37	.75	1.70	1.33	3.44	772
February .....	1.76	1.33	1.93	.51	1.12	2.66	3.19	.27	1.91	2.02	939
March .....	.32	.77	2.04	2.34	1.87	.50	2.79	2.11	.92	2.64	846
April .....	1.88	.71	.07	2.50	.98	.59	.98	1.64	.71	1.71	494
May .....	1.68	.74	2.77	1.89	.80	1.12	2.07	2.57	2.87	1.08	859
June .....	2.16	3.93	4.10	1.32	1.86	1.28	1.38	.98	1.12	.78	420
July .....	2.58	.10	4.90	.59	3.11	2.99	.90	1.12	3.05	2.98	805
August .....	2.77	1.88	5.70	.92	1.14	1.67	1.31	5.00	1.83	1.79	993
September .....	.14	1.62	1.29	1.40	.66	.65	1.90	.24	6.31	.52	897
October .....	2.90	3.12	2.30	2.97	1.72	.87	2.29	3.85	1.20	3.01	985
November .....	4.15	4.12	.94	2.26	2.38	1.78	1.33	.79	1.23	1.75	510
December .....	2.54	2.85	1.82	.20	4.86	6.21	1.51	1.13	3.99	3.50	993
TOTALS ...	25.48	21.77	31.69	19.77	21.03	23.67	20.30	20.90	26.47	34.96	9263

## RAINFALL at Leeds Knottingley

County of N. P. Yorkshire

Observer G. G. Hengell Esq. C.E.

River Basin Ouse. Area 9

(1925) H. Shortreed, C.E.

Rain Gauge, by

Leeds L.S.W.

Diameter ...	8											
Height .....	o. 9											
Altitude ...	72											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	M.W.A.S.
January ...	2.67	3.64	2.07	1.08	2.29	1.81	1.78	1.39	4.79	1.34	3.40	2606
February ...	1.48	.11	2.56	3.69	.84	3.09	1.99	.80	1.93	.45	.60	1754
March .....	1.79	.95	1.22	1.29	1.08	.55	.70	1.54	1.89	.23	2.30	1353
April .....	2.95	1.15	2.34	1.49	1.34	2.71	1.09	2.07	.48	.86	2.10	1858
May .....	2.29	1.26	.85	2.73	3.49	2.79	2.64	1.43	1.77	1.16	1.59	2191
June .....	1.53	.03	1.27	.62	1.34	.07	2.29	1.95	2.39	.67	.90	1306
July .....	5.91	.42	3.30	3.99	2.38	.63	1.60	3.67	.15	2.16	4.90	2911
August .....	1.82	3.78	3.98	2.40	2.13	1.55	2.68	5.06	3.81	1.85	2.90	3146
September...	1.25	.65	2.59	2.11	2.33	2.36	1.29	2.79	.17	.22	2.90	1866
October.....	1.88	1.41	.71	1.89	2.73	2.46	2.18	1.97	4.08	1.93	2.40	2364
November...	.93	1.12	1.26	2.33	1.39	1.73	3.36	2.27	3.09	3.14	3.20	2482
December...	2.49	2.85	3.73	2.62	1.77	3.10	.80	1.30	1.01	4.38	1.90	2595
TOTALS...	26.99	18.17	25.88	26.23	23.11	22.85	22.40	26.21	25.56	18.39	21.00	26482

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	Direction from gauge

## RAINFALL at

Leeds (Elevation)

County of Yorks W-Riding

Observer H. Shortreed, Esq.

River Basin G-Use-Aire

Incl. Ferriby Eng., C.E. (1930)

Type of Gauge

Annual Average 24.0 in. based on 35 years obs. un-weighted. Period of average 1881-1935 Ref. 5

78092/27

Diameter	8"											
Height	0' 9"											
Altitude	72'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean	Total
January	1.36	1.13	1.26	1.39	.95	2.99	2.90	2.55	3.97	2.45	21.65	
February	1.36	.11	3.09	3.38	2.16	2.21	4.41	.78	1.24	2.22	18.66	
March	.61	1.55	1.69	1.43	.76	1.51	2.41	.17	1.84	1.75	13.52	
April	2.51	2.12	1.57	2.47	2.61	1.48	2.98	.06	1.02	2.79	19.41	
May	2.39	4.24	2.36	1.12	.74	1.93	2.00	3.45	1.45	.38	20.06	
June	4.57	.19	1.16	1.65	1.95	3.51	2.47	1.89	1.51	.37	19.27	
July	2.53	3.21	1.63	1.98	.39	3.16	2.52	3.05	4.48	3.62	26.57	
August	3.54	1.30	0.49	.56	1.43	1.44	.86	4.05	1.46	.24	15.37	
September	2.41	1.32	1.50	1.67	4.87	2.20	.99	2.16	1.28	1.52	19.92	
October	.92	3.14	3.01	1.54	4.58	1.81	2.22	2.87	2.00	3.07	24.66	
November	3.62	1.55	1.99	1.67	4.51	2.81	1.39	2.98	3.41	4.81	28.74	
December	.64	.93	0.36	4.03	2.34	.99	1.97	2.99	1.63	1.70	17.58	
TOTALS	26.46	20.59	20.01	19.89	27.29	25.64	24.12	27.00	25.29	24.92	244.21	

(1940. Jan cond. for snow.)

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

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

Station No. TF 3278/5

## RAINFALL at Leeds (K. m. a. t. o. f.)

41

County of York. Next Rivington Observer K. m. a. t. o. f. Esq. C.E.

River Basin River - Aire - 9

Type of Gauge

Annual Average 24.2 in. based on 35 years obs. un-weighted. Period of average 1901-1950 Ref. S

File No. 780902/27

Diameter	3"	076	549			5"			8"	
Height	6' 9"			1						
Altitude	72'			61		75'			73'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	3.43	2.00	3.46	2.74 (1.98)	2.47	2.10	5.83	1.12	1.87	2680
February	2.30	1.23	1.59	1.03	2.37	2.58	3.47	1.78	1.08	4.56 2098
March	3.36	1.83	1.64	.09	.23	1.18	4.63	1.07	.90	.97 1496
April	2.13	1.21	1.29	1.98	1.64	1.39	2.11	1.46	2.25	3.18 1864
May	1.47	2.20	2.00	1.08	3.64	1.93	4.41	.85	2.03	1.85 2116
June	.08	.97	1.28	3.08	2.64	1.36	2.13	2.80	.46	.50 1530
July	1.73	1.41	1.84	2.17	1.46	2.71	1.86	1.12	2.23	2.23 1776
August	1.81	2.67	2.53	2.83	1.90	3.67	4.1	3.22	1.76	4.09 2489
September	.42	1.29	3.07	4.21	1.67	3.97	1.08	.97	1.32	2.42 2042
October	2.63	1.51	1.37	2.16	3.32	.91	.80	.91	3.07	1.80 1798
November	2.72	1.04	1.91	3.19	1.19	4.69	1.58	.90	3.78	3.93 2393
December	.63	1.14	1.29	2.13	1.62	2.30	1.96	1.90	3.20	1.59 1776
TOTALS	23.01	18.56	20.27	26.69	22.66	29.16	26.54	22.81	23.20	27.68 24058

1944 Heavy rainfall account for big year total (big file)

3.2.45 Gauge moved 600' SW by W

J.W.P.A. 1916-1945

40004

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

Station No. 32785

P=41

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## RAINFALL at Leeds (Knotstrop)

County of West Riding - Yorks.

Observer

K. P. Forster Esq. C.F.

River Basin Ouse - Aire - 9

Type of Gauge H.D.

Annual Average 24.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S  
 24.06 - - - 1916-1950 P E 23380/58  
 File No. 280/02/27

Diameter	8"	5"	076	549	81690	8"					
Height	5' 9"			1			5' 11"				
Altitude	72'	75'		51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	1.99	2.23	.34	1.89	1.94	3.98	1.26	2.81	2.69	4.93	24.09
February	2.75	.44	2.01	2.44	2.01	1.30	2.85	5.22	.09	1.74	20.85
March	2.83	1.69	.53	1.78	2.35	.64	1.49	1.81	1.18	1.84	16.14
April	.85	1.09	1.97	.20	.64	2.15	.13	.48	3.4L	2.64	11.61
May	4.56	1.65	1.43	3.08	3.03	.67	1.78	2.75	.74	1.07	20.76
June	.64	1.75	2.04	1.32	1.53	2.42	1.25	3.66	1.60	1.96	17.17
July	2.48	.99	2.27	1.46	.85	3.79	2.55	3.70	1.21	2.71	22.01
August	5.66	1.64	2.88	5.54	.62	5.73	4.67	3.10	1.15	4.15	35.14
September	2.03	1.70	1.48	2.59	.92	2.86	4.25	2.76	.17	3.51	22.27
October	.91	3.69	1.66	3.55	1.56	1.19	1.64	1.35	2.02	4.99	22.56
November	6.09	1.23	2.37	3.90	2.04	.47	1.62	.65	3.01	5.37	26.75
December	2.25	1.92	1.14	2.58	2.91	2.55	3.17	3.42	3.61	2.23	25.78
TOTALS	33.04	20.02	20.12	30.33	20.40	27.75	26.66	31.71	20.93	34.17	265.13

Just in 1959/60%, one-except most broken. Turf-well rec. of snow. unless measure.

(Hh)

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SE / 324313

Date.	Lat. N.	Long.	Railway Station.	Distance 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 (2)	1920-30 (3)	1931-40 (2)	1941-50 (2)	1951-60
		✓	1920-29	✓	✓	