

RAINFALL at Wakefield

County of W. Yorkshire

Observer D. Maclean Wilson

River Basin Ouse-Aire-Calden 8

Faishe Rain Gauge, by 1873

Diameter ...	8										
Height	1.0										
Altitude ...	174 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.46	.60	3.76	2.76	1.22	2.53	.86	2.15	1.87	3.17	
February ...	1.64	1.57	1.63	.57	1.26	2.59	3.85	.56	2.32	1.14	
March .....	.23	.87	2.35	2.42	2.10	.99	3.94	1.97	1.12	3.72	
April	1.85	.67	.34	2.61	.68	.66	1.03	1.49	1.09	1.83	
May	1.88	.44	3.41	2.20	1.06	2.10	2.36	2.43	2.67	1.20	
June	2.92	3.70	3.56	.60	2.00	1.39	1.22	1.57	1.61	.69	
July	2.83	.14	3.82	.91	2.91	3.68	1.16	.84	3.11	3.71	
August	3.27	1.68	5.47	1.30	1.47	2.84	1.44	4.42	1.70	2.58	
September ..	.10	2.29	1.10	1.71	.82	.56	2.07	.39	6.19	.86	
October ...	2.51	1.66	2.56	2.88	2.05	.92	3.05	3.50	1.65	2.80	
November ..	3.19	2.66	1.70	1.63	2.62	1.76	2.81	.96	.94	1.47	
December ...	2.70	3.53	1.71	1.46	4.54	5.77	1.77	1.49	4.09	3.43	
TOTALS ...	25.58	19.81	31.41	21.05	22.73	25.79	25.56	21.77	28.06	26.97	
	D	D	D	D	D	D	D	D	D	D	

1912 Building 39 ft high 33 ft NE
 23. 24. SE
 18. 27. SW
 Wall 10. 36. NW

Annual average rejected from survey.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.41 N	1.30 W	Wakefield Waggate	1/4 m	SE SW	Cathedral	1/4 m	SW SE

RAINFALL at Wakefield, Northgate

County of W. R. Yorkshire

Observer W. J. Read Esq.

River Basin Guse. Aire. Calder S

J. H. Garner. 1923.

Glaisher Rain Gauge, by W. J. R.

Inspector
Chief Clerk West Riding Rivers Board

Diameter ...	8											
Height	10											
Altitude ...	174											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Mean
January ...	2.89	2.87	2.57	1.11	1.45	1.77	1.95	1.44	3.95	1.67	3.57	
February ...	2.06	1.9	2.32	3.72	.97	3.27	1.75	.74	2.20	.40	.60	
March	1.73	.89	1.69	1.50	1.32	.87	.66	1.75	1.84	.17	2.66	
April	3.06	1.01	2.48	1.56	1.17	2.57	1.20	2.81	0.53	.89	2.15	
May	2.66	.93	.98	2.32	3.84	3.76	2.36	1.37	2.30	1.25	.99	
June	1.97	.12	1.54	6.72	2.26	.04	2.82	1.85	3.29	.92	1.31	
July	6.11	.60	3.25	3.92	2.49	.74	1.93	3.06	0.28	1.90	4.66	
August	1.51	3.58	4.83	2.40	2.35	2.64	2.68	5.64	2.52	2.56	3.37	
September...	1.12	.71	3.02	1.46	2.39	2.42	1.04	3.50	0.38	.47	3.68	
October	1.67	1.31	.87	1.35	2.90	2.45	2.30	1.54	3.44	2.07	2.74	
November...	1.05	1.24	1.03	2.75	1.86	1.41	3.23	2.90	3.32	4.08	2.61	
December...	2.38	2.55	2.84	1.90	1.88	2.41	.72	1.95	1.12	4.74	1.70	
TOTALS...	28.21	16.90	27.42	25.53	24.88	24.35	22.54	27.75	25.17	21.12	30.04	
	D	D	D	D	D	D	D	D	D	D	D	

Annual average rejected from survey.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	53° 41'	1° 30'	Wakefield Northgate	1/4 mi	SW	Cathedral	1/4 mi SE

RAINFALL at Wakefield (Northgate)

County of West Riding,Observer J. H. Garner, Esq., B. Sc.River Basin Ouse-Aire-Calder S.Type of Gauge no. from 1914Annual Average 22.2 in. based on 4 years obs. un-weighted. Period of average 1895-1900 Ref. 4

679313/26

Diameter	8.			8"							
Height	1.0.			1' 0"							
Altitude	174			74'			71'				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.43	1.43	1.71		1.04	2.42	3.17	2.29	3.72	2.13	
February	2.06	.25	4.50		1.85	2.66	2.75	.75	1.33	2.43	
March	.10	1.29	2.01	4.09	.70	1.36	2.11	.20	1.77	1.88	
April	3.10	1.75	1.37	1.98	4.39	1.17	2.69	.06	1.13	1.86	
May	2.40	5.03	2.67	.79	.95	1.45	2.83	2.77	2.45	0.40	
June	4.66	.26	0.86	1.86	1.89	3.99	1.63	1.20	1.68	0.67	
July	3.90	2.12	0.78	2.09	.69	3.68	2.54	2.82	6.09	3.74	
August	4.28	1.29	0.28	.91	1.89	1.49	.35	3.44	.87	0.30	
September	3.29	1.11	1.51	1.80	3.75	2.05	1.30	4.64	.29	1.76	
October	.90	2.66	3.93	1.67	4.55	2.01	2.64	2.95	2.37	3.32	
November	3.15	1.31	1.92	2.12	4.86	2.79	1.99	3.19	3.18	4.66	
December	.45	.65	0.21	4.06	2.17	1.16	1.96	3.00	1.46	2.64	
TOTALS	29.72	19.15	21.75	1.01	28.73	26.24	26.44	27.31	26.34	25.79	

1933 Snow up

April 1st 1934 Gauge moved 1 1/4 in. S.E. in Road. Taken up as a continuation record. New g and site on recommendation.

1940. Gauge 1'6" high, 6' E.

Building 10' " 27' NE.

1940 Jan. corrected for snow.

Annual average rejected from survey [Letter sent 28/8/33]

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			Wfd. Westgate	1/4 mile	SW	Cathedral	3/4 mile	SE
1935			Northgate	1/2 m	N.W.	St. Mary's	1/2 m	N.W.

Station No. 3232

RAINFALL at Wakefield (Sewage Works)

41

County of West Riding

Observer J. H. Garner Esq. B.Sc.

River Basin Ouse-Aire-Balders-8

Yorkshire Ouse Area Bd. (1950)

Type of Gauge M.O. from 1934

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

File No. 679318/25

Diameter	5"			0.80	2.81						
Height	1' 0"				1						
Altitude	75'				41	80					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.00	1.53	2.95	2.75	2.14	1.94	1.00	5.24	1.41	1.91	
February	2.89	1.23	1.84	1.16	1.69	3.11		1.16	1.12	3.81	
March	3.38	1.76	1.58	1.16	1.45	1.20		1.97	1.03	1.86	
April	1.80	1.12	1.27	1.77	1.40	1.58		1.61	1.94	2.83	
May	1.14	2.51	2.21	1.82	4.28	2.78		1.07	1.64	2.18	
June	1.13	1.24	1.25	1.39	2.47	1.97	1.00	2.12	1.50	1.89	
July	1.93	1.58	1.23	2.05	1.68	3.10	1.73	1.10	3.03	1.75	
August	2.55	2.75	2.45	3.77	2.72	3.85	1.31	3.49	1.92	3.38	
September	1.51	1.11	2.82	2.76	1.96	3.90	1.05	1.09	1.30	2.44	
October	2.64	1.89	1.50	2.44	3.17	1.98	1.72	1.22	3.30	1.21	
November	2.74	1.81	1.71	3.64	1.39	3.92	1.69	1.85	4.09	4.03	
December	1.34	1.16	1.14	1.91	1.31	2.24	2.44	2.04	2.42	1.08	
TOTALS	23.05	19.29	19.95	25.62	22.66	30.57	7.00	21.90	23.00	27.07	

1941. Hedge 1 1/2' high 6'E. Building 10' high 27' NE.

1947 n.p. imp.

942

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			Kirkgate L.M.S.	1/2 m	WNW	Kirkgate	5/6 m	NW
1947			" "	"	"	Wakefield	"	"

BRITISH RAINFALL ORGANIZATION

Station No. 3232

TF 95

RAINFALL at Wakefield (Leisure Works)

51

County of West Riding - Yorks.

Observer Yorkshire Ouse River Bd.

River Basin Ouse - Aire - Calder

Type of Gauge M.O.

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

Ref.

" 25.03 " 21 " within 1935-57 " 1916-50 15.09 15.4

File No. 2793/8/26 E.20346/57

Diameter ...	5"		080	281							
Height ...	10'			1							
Altitude ...	80'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.95	2.22	.50	1.77	1.36	3.28	1.04	2.54	2.52	4.74	
February ...	2.93	.46	1.56	2.17	2.27	1.10	2.20	3.94	1.08	1.61	
March ...	2.83	1.64	.72	1.48	2.17	.77	1.46	1.89	.97	1.69	
April ...	.79	.75	1.79	.23	.53	2.16	.21	.47	3.54	.66	
May ...	4.05	1.38	1.68	2.64	2.83	.54	1.62	2.61	.97	1.20	
June ...	.72	1.21	1.74	1.03	1.50	2.56	1.53	3.69	1.70	.90	
July ...	3.20	1.18	2.26	1.55	.59	3.58	2.49	4.30	1.08	2.50	
August ...	4.47	1.40	2.68	5.29	.42	5.02	4.67	3.06	.93	4.22	
September ...	2.39	1.50	1.30	1.74	1.17	2.45	3.43	2.76	.11	3.32	
October ...	.96	3.40	1.42	3.12	1.62	1.06	1.06	1.43	1.52	6.16	
November ...	6.39	1.29	1.98	4.04	1.62	.61	1.62	.81	3.23	4.92	
December ...	2.10	1.72	1.21	2.53	2.37	2.30	2.72	3.66	2.94	2.93	
TOTALS ...	32.78	18.15	18.84	27.64	18.45	25.43	24.05	31.16	19.59	34.85	
	D	D	D	D	D	D	D	D	D	D	

1951 Hedge 1 1/2' high G'E. Building 10' high 27' NE.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 461346203

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Wakefield	1/3 m.	WNW	Wakefield	5/6 m	NW

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓ up 33-34	✓ up 47	
	✓	✓	✓ out 31-33	✓	