

RAINFALL at Wincobank Sewage WorksCounty of W.R. YorkshireObserver J. Haworth EsqRiver Basin Onze - DonHyetograph Rain Gauge, by N+3

Diameter ...						6						
Height						20						
Altitude ...						99						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS Totals	
January ...						2.35	.74	2.09	1.08	3.36	7.27	
February ...						2.89	3.69	.44	1.22	2.09	7.42	
March .....						.64	3.76	1.50	.75	3.64	9.65
April .....						.73	.66	1.08	1.08	1.05	3.84
May						1.20	2.47	1.60	2.01	.95	7.03	
June						1.18	1.02	1.71	.28	.50	3.51	
July						3.74	.84	.85	3.64	3.46	8.79	
August						3.36	1.31	3.57	1.01	2.50	8.39	
September ..						.74	.90	.62	5.08	1.84	8.44	
October ...						1.04	2.00	2.19	.97	2.70	7.86	
November ..						2.61	2.90	.92	1.06	1.53	6.41	
December...						6.25	2.14	1.00	2.54	3.52	9.20	
TOTALS ...						26.73	22.43	17.57	20.69	27.12	87.81	

No object higher than gauge within 200 yds

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.25 1/2	1.24	Wincobank Dunby Station	3/4 m 1 m	WS SW	Kinderworth	3/4 m	N

RAINFALL at Wincobank Sewage WorksCounty of N. YorksObserver J. Howarth EsqRiver Basin Cuse-DoneHypsograph M.B.
Rain Gauge, by M.O.

Diameter ...	8								5"			
Height	20											
Altitude ...	99					90						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals
January ...	2.97	2.31	2.85	0.59	1.47	2.43	2.12	1.15	4.58	1.31	3.68	25.43
February ...	2.66	2.0	2.07	4.07	1.08	3.21	1.42	1.30	2.87	.71	.71	20.30
March	1.68	.87	1.53	1.32	.81	.67	.75	1.93	2.49	.03	2.40	14.48
April	3.61	.63	3.39	1.87	1.47	2.36	1.11	1.91	0.92	.97	2.67	20.91
May	3.10	.96	.52	2.56	3.23	3.23	2.42	.88	1.39	1.29	1.35	20.93
June	2.38	.30	.76	0.47	1.65	.11	2.91	2.97	2.53	1.13	.67	15.88
July	4.63	.18	2.41	5.04	2.25	.91	1.79	2.01	0.55	.93	6.66	27.36
August .....	.59	4.27	5.72	2.13	2.43	2.31	2.61	4.17	2.63	1.51	2.22	30.59
September...	.90	.60	2.14	1.66	2.69	2.09	.81	3.12	0.22	1.43	3.86	19.52
October	1.73	1.45	.85	1.28	3.08	2.71	2.21	1.94	3.94	2.62	2.10	23.91
November...	.80	1.71	.91	3.40	1.55	1.70	3.15	2.27	2.64	5.11	3.17	26.41
December...	2.41	2.77	3.07	2.11	2.30	2.45	1.01	2.03	1.85	5.17	2.05	27.22
TOTALS...	27.46	16.25	26.22	26.50	24.01	24.23	22.31	25.68	26.53	22.21	31.54	272.94

1920 no object higher than gauge within 500 ft -
g. near sewage filter.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	Parish Church.	Distance from gauge	Direction
1920	53° 25' 1"	24'	Wincobank	3/4 mi	W	Kimberworth	3/4 mi	W

RAINFALL at Wincobank (Sewage Works)

County of West RidingObserver: J. Hanworth Esq. died 1934River Basin Ouse Don-7J. H. Edmundson Esq.Type of Gauge M.O. (+A) (1928)Annual Average 23.0 in. based on 15 years obs. un-weighted. Period of average 1931-1945 Ref. 743105/27

Diameter	5.										
Height	2.0.			16.			1' 6"				
Altitude	90.			110			110'				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1931-40
January	1.90	1.53	1.91	2.07	1.17	2.53	4.24	2.61	4.46 ⁷	2.02	24.65
February	1.86	.25	3.19	.62	3.10	2.99	3.41	1.01	1.04	1.92	19.39
March	.10	1.33	2.59	2.31	1.37	1.80	2.81	.19	2.44	1.78	16.42
April	2.73	2.32	1.55	2.21	2.14	1.41	2.18	.12	1.63	2.53	18.75
May	2.47	6.42	1.96	.90	.39	1.38	2.95	2.09	1.76	.81	21.13
June	4.31	.45	0.92	.93	2.59	3.45	1.28	1.84	2.35	.62	18.74
July	4.47	3.10	1.43	1.33	.65	3.34	2.78	3.64	3.18	2.90	26.82
August	4.83	2.37	0.47	1.01	2.38	1.19	.25	2.88	1.95 ⁵	.19	17.52
September	3.32	1.47	1.80	1.26	3.58	2.54	1.62	2.16	2.04 ⁵	.83	20.63
October	.52	3.25	5.43	1.67	3.29	2.36	3.13	3.41	2.97	4.02	30.05
November	3.16	1.39	1.63	1.75	4.92	3.09	2.16	2.90	3.86	5.68	30.54
December	.70	.97	0.43	4.13	2.94	2.27	3.76	3.07	2.04	1.83	22.14
TOTALS	30.37	24.85	23.31	20.19	28.52	28.35	30.50	25.92	29.44	25.13	266.78
	D		D	D.	D.	D	D	D	D	D	

1934. Building 30' high 50 yds. S.W. Railway track 10' high 50 yds. N.

1939. records amended due to reading to 3 dec places.

Red 20.5.53.

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	Direction
1931.			Wincobank	$\frac{3}{4}$ mile	W.	Kimberworth	1m	N.E.

Station No. 3130

RAINFALL at Wincobank (Sewage Works)

41

County of West Riding, Yorkshire Observer J. H. Edmondson, Esq.River Basin Cuse, DonType of Gauge B. A.Annual Average 23.2 in. based on 15 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5File No. 743.105/27

Diameter	5"			0.83	1.49						
Height	1' 6"				1						
Altitude	110'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	3.36	2.48	3.78	2.88	2.04	2.83	2.20	4.92	1.76	.84	26.09
February	2.71	.78	1.00	1.28	1.63	2.58	1.03	1.36	.81	4.15	17.33
March	4.24	1.66	.67	.39	.46	1.05	3.80	.81	1.00	.78	14.86
April	1.54	.93	1.59	1.96	1.18	1.06	2.50	1.17	2.18	2.84	16.45
May	2.08	2.83	2.15	1.86	2.39	2.21	1.74	1.20	1.12	1.32	18.90
June	.08	1.10	1.18	2.00	2.46	3.18	2.76	2.01	.47	.87	16.11
July	3.59	1.81	.76	2.33	1.51	2.95	2.02	1.02	2.85	1.22	20.06
August	2.11	3.93	1.66	2.52	2.17	3.57	.52	4.07	1.49	2.44	24.48
September	.38	1.19	2.70	3.23	.60	3.39	1.04	1.14	1.13	2.88	17.38
October	2.89	1.95	1.65	2.63	4.49	1.10	.44	1.16	2.50	.71	19.52
November	3.38	1.43	1.91	4.65	.27	5.36	1.65	.84	3.26	3.93	26.68
December	.46	1.42	.92	1.89	1.49	2.64	2.01	3.10	2.31	1.42	17.96
TOTALS	27.12 D	21.51 D	19.97 D	27.62 D	20.69 D	31.92 D	21.71 D	22.80 D	19.88 D	22.60 D	235.62 D

1941 Building 30 ft. high 50 yds. S.W. Railway Track 10 ft. high 50 yds. N.

1944 Note on 10/10 suggest chert kept.

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			Wincobank	1/2 mile.	W.	Kimberworth	1 mile.	N.E.
						"	"	W?

BRITISH RAINFALL ORGANIZATION

Station No. 3/30RAINFALL at Wincobank (Leisure Works)

51

County of West Riding, Yorks Observer J. H. Edmondson Esq.River Basin Don - Don - 7Type of Gauge B.A. M.O. (AOS) RegAnnual Average 23.0 in. based on 15 years obs. un-weighted. Period of average 1881-1915 Ref. S" 24.41 " " 41 " " within 1916-59 " " 1916-59 File No. 43/105/27

Diameter ...	5"			083	149							
Height ...	1'6"				1	1'0"	on 1090					
Altitude ...	110'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals	
January ...	2.07	2.71	1.42	1.64	1.82	4.11	.93	2.58	2.58	4.79	23.65	
February ...	3.06	.32	1.83	2.30	2.35	1.26	2.01	3.71	.04	2.46	19.40	
March ...	2.52	1.48	1.06	1.55	3.01	.77	1.25	1.59	.96	1.75	15.94	
April ...	.76	1.44	1.84	.22	.26	2.51	.07	.42	2.61	0.66	10.79	
May ...	2.94	1.58	1.42	3.78	2.69	.39	.79	2.19	.75	1.31	17.84	
June ...	.43	1.18	1.33	1.36	2.37	2.62	1.46	5.06	1.42	0.87	18.10	
July ...	1.02	1.66	2.57	1.45	.67	4.20	2.62	4.72	.86	2.88	22.65	
August ...	4.54	1.08	1.72	7.00	.36	4.88	3.93	2.88	.67	3.64	30.70	
September ...	1.25	1.46	1.17	1.49	.74	2.69	3.60	2.41	0.00	4.06	18.87	
October ...	.88	3.59	1.84	2.55	1.64	.96	.95	1.55	1.70	5.84	21.50	
November ...	5.74	1.33	1.37	4.57	2.04	.53	2.18	.55	3.31	3.55	25.11	
December ...	2.16	1.39	.93	2.64	2.29	3.01	2.09	3.15	2.88	2.53	23.07	
TOTALS ...	27.37	19.22	17.50	30.49	20.24	27.93	21.88	30.87	17.78	34.34	247.62	
	D	D	D	D	D	D	D	D	D	D	D	

1951. Buildings 20' high 50 yds. Railway track 50 yds. N.W.

1956. Note:- Power Station cooling towers adjoining works. This causes condensation which may some days register as "frost".

25.6.59 g. moved from 43/394429164 to 43/3953191700

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference ^{8K} (43) 395 917

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Wincobank Mansfield	1/3 m SW.	Wincobank	1/2 m W.

Summary of Earlier Records from 10-year Sheets:

1916-1959, P = **Rejected**

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1915	✓	✓	✓	
	✓ but - 17	✓	✓ but - 32	✓	