

3111/5/5.

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RAINFALL at Balby (Sewage Works)

County of West Riding Observer F. O. Kirby Esq. G.E.

River Basin Great Left Bank 6

Type of Gauge.....

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

Diameter										5474/30 7/1
Height										1' 0
Altitude										29'
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940 Means
January										3.04 1.49 4.01 1.52
February										2.67 1.17 .75 1.84
March										1.84 .26 1.72 1.55
April										3.06 .04 1.51 1.90
May										3.01 2.67 1.36 .52
Juno										2.04 1.82 1.45 .87
July										2.53 2.62 3.01 4.18
August09 2.06 1.85 .48
September										1.30 1.62 1.19 .48
October										2.96 2.34 2.65 3.96
November										1.41 2.11 3.36 4.95
Decoomber										3.69 3.11 2.27 2.07
TOTALS							27.64 21.31 25.13 24.32			

Water tank 42' high 63° S.
Pump House 17' " 136° NPosition 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.
			Dorchester G.	1½ m	N	Balby	½ m	NW.

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

RAINFALL at Bally (Sewage Works)County of West RidingObserver T.O. Kirby, Esq., C.E.River Basin Don

Type of Gauge.....

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

c 1933

56711/30

Diameter	5										
Height		1.0									
Altitude		29									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January			(2.00)	1.47	1.02	2.67					
February			2.94	1.73	2.57	2.50					
March			2.93	1.98	1.96	1.13					
April			.83	2.39	1.57	1.36					
May			2.33	.85	.44	.93					
June			2.77	1.90	2.63	3.24					
July			2.21	1.62	.51	2.89					
August			.34	1.00	1.85	1.33					
September			1.48	1.44	4.59	1.99					
October			5.17	1.20	2.79	1.98					
November			1.88	1.97	4.00	2.46					
December			.32	3.46	2.53	1.34					
TOTALS			(26.20)	20.01	25.46	24.02					

1933 Storm water tank 42' high 63' S. 1 January estimated by surrounding sites.
Pump house 17' high 135' N.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
1933			Doncaster S.	1 fm	N	Bally	1 fm	N.W.

Station No. 3111.5/5

RAINFALL at Balby (Sewage Works) (+ A (1944)) in the Inv. no. 41

County of West Riding

Observer F.O. Kirby Esq. B.E. (left 1941)

River Basin Trent, Left Bank, b.

W.H. Price Esq. C.E. (left 1941)

Type of Gauge.

Borough of Doncaster & Scunthorpe

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

File No. 54711/30.

Diameter	5		127	848							
Height	10			1							
Altitude	29			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.00	2.23	3.27	2.26	1.80	.72	2.05	4.36	.69	.79	
February	2.34	.87	.83	1.60	1.50	2.15	1.25	1.14	.76	2.93	
March	3.68	1.91	.52	.41	.43	.82	3.73	.55	1.27	1.00	
April	1.23	.72	1.26	1.98	1.23	1.42	1.68	1.34	2.06	2.30	
May	1.61	2.28	1.94	2.50	2.00	1.70	1.39	1.73	1.54	2.16	
June	.18	1.17	.83	2.41	2.04	2.20	2.94	2.73	.79	1.01	
July	2.59	1.12	.66	2.01	1.66	3.86	.81	1.05	3.87	1.68	
August	2.29	2.42	1.80	3.15	1.69	4.59	.46	3.87	1.55	3.09	
September	.34	1.69	2.69	3.49	.97	2.69	1.13	.93	.76	2.60	
October	2.14	2.09	1.44	2.25	2.81	.88	.53	1.51	3.26	.73	
November	2.94	1.44	1.27	3.58	.22	4.75	1.18	1.11	2.84	3.61	
December	.53	1.21	.75	1.64	1.27	2.20	2.01	2.71	1.60	1.17	
TOTALS	22.90	19.15	17.26	27.28	17.62	28.98	19.16	23.03	30.99	24.07	

1941 Storm Water Tank 6' high 63' S. Pump House 17' high 135' N.

1947 seems to be falling off.

1949. Autographic gauge in use don't return instruments to the office ref 51A, 53A & 54.

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
1941			Doncaster General	1/4 m.	N.	Balby	1/2 m.	N.W.

Station No. 3111/5/5

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RAINFALL at Ballyb (Sewage Works) t 19 in use but no ultimate recd
 County of West Riding - Yorks Observer Borough Engineer & Surveyor
 River Basin Trent - Left Bank 6 Mr. Hawley Hog, C.E.
 Type of Gauge Snowdon (TA)

Annual Average ... in. based on ... years obs. un-weighted. Period of average ... Ref.
 ~ 23.47 ... 20 - within 1937-57 ... File No. 54711/30

Diameter	5"			127	848						
Height	1' 0"				1					1' 1"	
Altitude	291				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	1.64	1.84	.32	1.27	1.49	3.12	1.07	2.27	2.09	4.19	
February	2.33	.41	1.43	1.93	1.65	.95	1.80	3.07	.09	1.79	
March	2.44	1.55	.63	1.36	2.30	.53	.97	1.88	.65	1.30	
April	.67	.77	1.88	.24	.63	2.12	.13	.28	2.53	0.60	
May	4.05	1.68	1.57	2.85	2.33	.08	.84	1.78	.56	1.65	
June	.80	1.67	1.48	1.52	2.46	4.11	1.84	4.10	1.31	0.52	
July	1.24	1.30	2.69	1.77	.64	3.54	3.62	5.42	1.55	2.07	
August	4.79	1.01	1.99	5.39	.14	5.95	5.76	2.19	.41	3.56	
September	1.22	2.29	1.22	1.35	.75	1.88	3.73	1.59	TRADE	2.94	
October	1.20	2.71	1.89	2.72	1.49	1.18	1.00	1.36	1.78	5.73	
November	5.09	1.37	1.15	4.31	1.84	.93	2.53	.67	3.21	3.33	
December	1.38	1.40	.94	2.08	1.83	2.00	1.77	2.85	2.93	1.88	
TOTALS	26.82	18.00	17.19	24.79	17.55	26.39	25.06	27.46	17.11	29.56	
	D	D	D	D	D	D	D	D	D	D	

1951. Pump house, 12' high 135' N. Water level 4' 6" high 63' S.

1956 may total questioned : 29th 023²² 24¹⁶ Letter April 1956. Observers consider May correct.
 Imp. 15 1959 f.0.0%. Reasonably well exposed but set in concrete. To move 13' SE likely. f.6. measure

Position of Station on Ordnance One-Inch map :			No. of Map	103	National Grid Reference	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
				1943	1953	
				1943	✓	
				✓ out-24-36	✓	