

RAINFALL at Balby (Sewage Works)

County of West Riding Observer T.O. Kirkby Esq. 6.5.

River Basin Great Left Bank - 6

Type of Gauge.....

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

5471/30

Diameter .....							5				
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	
June .....							2.04	1.82	1.45	.87	
July .....							2.53	2.62	3.01	4.18	
August .....							.09	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	
December .....							3.69	3.11	2.27	2.07	
TOTALS .....							27.64	21.31	25.13	24.32	
							D.	D.	D.	D.	

Transferred from W. Riding  
(See sheet 2158/7)

Water tank 4 1/2' high 63' S.  
Pump house 17' " 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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
			Douglas G.	1 1/2 m	N	Balby	1/2 m	N.W.

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

Type of Gauge .....

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

			<u>1933</u>							<u>5+7+11/30</u>	
Diameter .....			<u>5</u>								
Height .....			<u>1 0</u>								
Altitude .....			<u>29</u>								
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....			<u>(2.00)</u>	<u>1.47</u>	<u>1.02</u>	<u>2.67</u>					
February .....			<u>2.94</u>	<u>.73</u>	<u>2.57</u>	<u>2.50</u>					
March .....			<u>2.93</u>	<u>1.98</u>	<u>.96</u>	<u>1.13</u>					
April .....			<u>.83</u>	<u>2.39</u>	<u>1.57</u>	<u>1.36</u>					
May .....			<u>2.33</u>	<u>.85</u>	<u>.44</u>	<u>.93</u>					
June .....			<u>2.77</u>	<u>1.90</u>	<u>2.63</u>	<u>3.44</u>					
July .....			<u>2.21</u>	<u>1.62</u>	<u>.51</u>	<u>2.89</u>					
August .....			<u>.84</u>	<u>1.00</u>	<u>1.85</u>	<u>1.33</u>					
September .....			<u>1.48</u>	<u>1.44</u>	<u>4.59</u>	<u>1.99</u>					
October .....			<u>5.17</u>	<u>1.20</u>	<u>2.79</u>	<u>1.98</u>					
November .....			<u>1.88</u>	<u>1.97</u>	<u>4.00</u>	<u>2.46</u>					
December .....			<u>.32</u>	<u>3.46</u>	<u>2.53</u>	<u>1.34</u>					
TOTALS .....			<u>(25.20)</u>	<u>20.01</u>	<u>25.46</u>	<u>24.02</u>					

1933 storm water tank 42' high 63'5". January estimated by sounding stone.  
 Pump house 17' high 135' N.

Transferred (See Sheet 5111/5/5)  
 to W.R./6.

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
<u>1933</u>			<u>Doncaster B.</u>	<u>1 1/2 m</u>	<u>N</u>	<u>Balby</u>	<u>1/2 m</u>	<u>N.W.</u>

Station No. 3111/5/5

RAINFALL at Bally (Sewage Works) (+ A (1920) in 1920 not used).

41

County of West Riding

Observer F. O. Kirby Esq. B.E. (left 43)

River Basin Trent left Bank

W. H. Price Esq. B.E.

Type of Gauge

Bourne Gauge &amp; Recorder

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	1.72	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	2.68	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	20.99	24.07	
	D	D	D	D	D	D	D	D	D	D	

1941 Storm Water Tank 4'6" high 63' S. Pump House 17' high 135' N.

1947 seems to be falling off

1949. Antiphia gauge in use but returns not made to the office of SIA, SIA 154.

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			Doncaster Central	1 1/2 m.	N.	Bally	1/2 m.	N.W.

BRITISH RAINFALL ORGANIZATION



Station No. 3111/5/5

RAINFALL at *Bulby (Leage Works) (+17 in use but no return rule)* 51County of *West Riding - Yorks* Observer *Borough Engineer & Surveyor*River Basin *Trent - Left Bank - 6* *M. Stanley, Esq. C.E.*Type of Gauge *Snowdon (+A)*

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

23-47 20 with 1937-57 1916-50 File No. 3474/30

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	...	1.21	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	TRACE	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. Waterlatch 4'6" high 63'S.

1956 May total questioned: 29" 0.23" 24". Letter April 1956. Observer considers May correct.

Note: IS 1957 J.D.O.K. Reasonably well exposed but not in concrete. To some 12' SE Wally. f. b. measure

Position of Station on Ordnance One-Inch map: No. of Map 103 National Grid Reference SE(44) 569.010

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

Summary of Earlier Records from 10-year Sheets:

Record	1910-19	1920-30	1931-40	1941-50	1951-60
D, or d			1933	✓	
			✓ but 24-36	✓	