

RAINFALL AT Doncaster, Kirk Bramwith**80**

Lat.

Lon.

County of

York

Rain Gauge, by

Observer

D.S. Grundell, Eng., C.E.

Ouse - Don Y.

Diameter .....	5										
Height .....	1.0										
Altitude .....	197										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	.45	.91	2.05	2.42	3.16	1.26		1.09	.64	1.59	
February .....	1.64	2.70	1.57	2.32	1.44	1.73		.56	.90	1.25	
March .....	2.61	3.29	1.54	1.03	1.28	1.24		1.08	2.41	2.62	
April .....	1.43	.90	2.85	2.21	1.08	1.38		.94	1.20	2.32	
May .....	2.38	.79	1.62	1.57	.83	1.70		1.71	.49	4.02	
June .....	2.01	1.90	3.73	2.45	.66	2.27		.14	2.05	.40	
July .....	4.27	1.84	3.77	3.00	2.71	1.13		1.35	5.70	1.43	
August .....	1.73	5.01	1.77	1.04	1.20	1.76		1.84	2.20	4.00	
September .....	5.04	2.23	1.39	5.08	1.35	1.57		2.19	1.17	1.17	
October .....	5.13	2.22	4.31	3.37	.98	4.41		1.60	.93	3.24	
November .....	1.36	2.10	2.56	2.44	.64	2.02		1.00	3.47	.53	
December .....	3.27	2.28	4.44	1.03	1.86	1.16		.88	1.67	1.14	
TOTALS .....	31.82	26.17	31.60	27.96	17.21	21.57	25.67	14.38	22.83	23.69	24.240

1880. Kirk Bramwith,  $\frac{1}{4}$  mile N.E.  
 Engine house 26ft high 62ft E

1880 = Doncaster, Halford

# RAINFALL AT Doncaster Kirk Bramwith

Lat.  $53^{\circ} 35' 45''$

Long.  $1^{\circ} 3' 16''$

County of

York W.R.

Rain Gauge, by

Observer

J. S. Brundell Esq C.E.

Case. Don't

Diameter .....	5"										
Height .....	10										
Altitude .....	177										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	1.97	1.12	1.12	1.48	1.43	3.23	.49	2.04	.49	2.00	1.587
February .....	.90	.04	1.68	2.01	3.16	.15	.78	2.57	.47	1.11	1.287
March .....	1.47	1.23	.66	.34	.74	1.71	1.93	2.40	1.14	1.08	1.270
April .....	.76	1.63	1.11	.34	2.28	1.71	.86	1.83	2.34	2.06	1.492
May .....	2.01	2.50	2.63	1.95	1.69	1.31	.50	.95	1.79	2.92	1.825
June .....	1.98	2.53	3.86	1.17	2.68	2.92	2.85	1.94	.92	1.83	2.268
July .....	2.37	2.16	2.02	2.79	3.16	5.38	1.36	.73	2.35	2.41	2.413
August .....	2.19	3.70	2.22	1.85	2.50	1.60	2.34	2.52	3.73	.93	2.358
September .....	1.39	1.64	1.13	1.20	.38	.88	3.43	2.33	.65	2.18	1.521
October .....	.93	2.70	4.47	1.43	3.45	3.03	3.60	1.09	2.26	2.96	2.592
November .....	2.71	2.29	1.24	1.94	1.19	2.55	1.42	2.33	1.82	1.07	1.856
December .....	.57	3.12	.49	2.56	1.60	2.38	2.60	1.75	1.86	3.05	1.998
TOTALS .....	19.25	24.66	22.63	19.06	24.26	26.85	22.16	22.48	19.82	23.60	22.477

## RAINFALL AT Doncaster Kirk Bramwith

Lat. 53° 35'.4S.

Lon. 1° 3'.16".

County of York &amp; R. Southern

Rain Gauge, by

Observer, H. A. Brundell Esq. C.I.

(Dunmow Drainage Commissioners)

Quare-Don Y

Diameter ..	5										
Height ..	10										
Altitude ..	177										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.EANS.
January ..	3.31	1.21	.84	1.46	1.88	.40	2.48	.68	1.07	.79	1.412
February ..	3.39	1.27	1.34	1.31	3.26	.74	2.06	1.16	1.52	.51	1.656
March ..	.57	1.66	1.35	2.88	1.47	2.23	1.22	1.19	2.98	2.53	1.758
April ..	.88	1.40	1.95	1.21	1.48	2.16	.90	1.89	2.59	1.88	1.634
May ..	1.25	.86	3.02	2.68	1.66	.43	1.39	3.32	3.33	1.82	1.976
June ..	1.90	1.12	1.59	2.18	.71	2.06	1.44	3.14	1.21	3.87	1.922
July ..	1.41	2.70	2.03	2.51	3.13	1.41	.49	2.36	4.18	3.42	2.364
August ..	3.44	1.34	3.01	2.97	2.79	2.66	1.68	1.81	1.88	2.97	2.455
September ..	.57	1.04	1.04	3.28	1.63	1.21	.84	.71	1.78	1.80	1.390
October ..	2.58	2.07	2.64	6.49	.55	1.51	5.02	5.33	.83	2.04	2.906
November ..	2.51	3.03	1.41	1.15	1.27	2.79	2.47	2.31	.98	.31	1.823
December ..	2.62	4.07	1.75	.82	1.31	.43	2.38	2.57	1.60	4.27	2.182
TOTALS ..	24.43	21.77	21.97	28.44	21.14	18.03	22.37	26.47	23.95	26.21	23.473

D D D D D D D

1903 Barnby Dam Station 1 Mile S

Hub

RAINFALL at Kirk Bramwith ~~Darbyshire S.E.~~County of ~~W.R. Yorkshire~~

Observer H. A. Bramwell Esq. C.E.

River Basin ~~Derbyshire~~ River Don 7

Rain Gauge, by \_\_\_\_\_

Diameter ...	5											1916-19 Means. Totals
Height .....	1 0											
Altitude ...	17 <del>m</del>											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January ...	1.79	.86	3.39	2.59	.96	2.26	.48	2.50	1.41	3.44		7.83
February ...	1.86	.92	1.30	.56	.44	2.15	3.07	.67	2.01	2.40		8.15
March .....	.74	1.25	2.66	1.46	1.20	.83	3.09	1.61	.90	3.79		9.39
April .....	2.25	1.04	.11	1.96	.43	.68	1.18	1.20	1.00	1.86		5.24
May .....	2.10	.75	3.01	1.14	1.20	1.38	2.26	2.49	2.44	.92		8.11
June.....	2.92	3.51	3.99	.74	1.29	.74	1.99	1.31	.84	.94		5.08
July .....	3.28	.30	4.19	.61	3.41	4.81	1.10	1.25	3.40	2.89		8.64
August.....	2.87	2.19	4.65	.84	3.02	2.47	1.77	4.94	2.71	2.96		12.38
September ..	.26	2.33	1.18	2.88	.41	.98	1.79	.86	4.64	2.24		9.53
October ...	2.76	2.00	2.19	2.96	1.88	.90	1.77	3.49	1.29	3.23		9.78
November ..	2.77	2.91	2.00	1.68	1.85	2.03	2.33	1.05	1.57	1.91		6.86
December...	2.77	3.58	1.53	.93	4.07	5.39	2.10	1.37	3.79	3.78		11.04
TOTALS ...	26.37	21.64	30.20	18.35	20.16	24.62	22.93	22.74	26.00	30.36		102.03

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

## RAINFALL at Kirk Bramwith

County of N. R. Yorkshire

Observer H. A. Bradell Esq. C.E.

C.E. Farmer C.E.

River Basin Ouse-Dowry

for Dene Drainage Commissioners

Snowdon Rain Gauge, by

Diameter ...	5"											
Height .....	10									1-4		
Altitude ...	17											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 MEANS.
January ...	2.51	1.72	2.81	1.48	1.66	1.66	2.25	1.47	4.36	1.70	2.18	23.80
February ...	2.08	.15	2.59	4.08	.69	2.61	1.57	1.42	8.05	.50	.22	17.96
March .....	2.19	.69	1.61	1.51	.97	.76	.66	1.63	2.50	.08	1.92	14.52
April.....	3.56	1.76	2.62	1.54	1.37	1.93	1.73	2.33	0.70	.86	2.06	20.46
May .....	2.32	1.47	.97	3.22	3.26	4.64	3.02	1.35	1.94	1.13	1.10	24.42
June .....	2.03	.20	1.14	1.23	2.86	.10	4.48	2.45	2.93	.71	2.26	20.39
July .....	5.83	.62	3.83	3.46	2.73	1.03	1.49	3.10	0.63	1.40	6.87	31.29
August .....	1.44	4.65	4.73	2.61	4.14	3.70	2.66	5.92	3.13	1.93	2.58	37.49
September...	1.28	.90	2.56	2.96	3.07	2.84	1.64	4.04	0.26	.99	4.20	23.74
October.....	1.64	1.63	.92	1.44	3.97	2.64	2.63	1.82	4.74	3.02	1.86	26.31
November...	1.51	2.35	.87	2.24	1.81	1.88	3.37	2.61	2.45	4.11	2.62	25.82
December...	2.28	2.28	3.32	2.68	2.27	2.28	.86	2.91	1.76	3.89	1.55	26.08
TOTALS...	28.67	18.42	27.97	28.45	28.80	26.07	25.66	31.05	27.45	20.32	29.42	292.28

1928 Building 25ft. 6ins. high 64ft. S.E.

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1929			Barnby Dene	3 mi	S.W.	Kirk Bramwith	1/4 mi N.E.

## RAINFALL at Kirk Bramwith

County of West Riding

Observer C.E. Farran, Esq., C.E.

River Basin Ouse - Don - Y.

Type of Gauge Snowdon

Annual Average 23.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

40/30

Diameter	5.										
Height	1.6.			2.6							
Altitude	22.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total
January	1.25	.87	1.76	1.40	1.10	2.52	2.41	1.65	3.54	1.63	18.43
February	1.64	.40	2.82	.78	2.03	2.35	2.34	.89	.75	1.57	18.27
March	.22	1.32	2.47	1.46	1.00	.94	1.91	.33	1.51	1.50	12.66
April	3.12	1.59	0.78	2.14	2.40	.96	3.03	.09	1.29	1.86	17.26
May	2.14	6.40	2.06	.87	.47	1.11	3.19	2.18	1.44	.60	20.46
June	5.22	.99	1.75	1.64	2.24	3.47	2.00	1.60	1.71	.62	21.24
July	4.70	3.46	0.96	1.22	.54	2.95	2.83	2.63	3.14	4.87	37.00
August	3.80	2.27	0.24	1.16	2.67	1.57	.12	2.79	1.23	.54	16.39
September	2.43	1.16	1.60	.96	4.60	1.81	1.25	1.88	1.52	.72	17.93
October	.73	2.51	4.39	1.19	2.96	1.91	2.81	2.59	2.03	2.89	24.01
November	2.81	1.42	1.87	2.12	3.79	2.56	1.53	1.85	3.35	4.09	25.39
December	.79	.54	0.32	3.45	2.38	.93	3.56	2.89	1.74	2.32	18.92
TOTALS	28.85	22.93	20.72	18.39	26.18	23.08	24.28	21.37	23.26	22.91	224.96

1931. Pumping engine house 30' high 60° W

1940 Jan. covered for snow.

Position of Station on reduced Ordnance Survey Map, }				No. of Map.....	Reference No.....		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1931			Darnby Dun	3 m	SW	Kirk Bramwith	1/4 m NE

Station No. 3175

41

## RAINFALL at Kirk Bramwith

County of West Riding

Observer C. E. Farran, Esq., C.E.

River Basin Ouse Don - 7

Type of Gauge Snowdon

Annual Average 22.7 in. based on 35 years obs. un-weighted. Period of average 1871-1915 Ref. S

File No. 4630

Diameter	5		087	024							
Height	2	6			1						
Altitude	22		X		41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	2.23	1.63	2.45	2.14	1.71	1.52	1.62	3.74	.60	.84	18.56
February	1.93	.51	.45	2.06	1.12	2.07	(1.73)	.86	.62	3.38	14.73
March	2.70	1.77	.37	.41	.40	.70	3.63	.45	1.02	.90	12.35
April	1.02	.69	.77	2.13	1.41	.93	1.38	.95	2.08	2.89	14.25
May	1.31	2.25	1.80	1.77	1.21	1.61	1.23	1.47	1.65	1.95	16.25
June	.87	1.12	1.37	2.94	2.19	2.52	2.10	2.08	.32	.94	16.45
July	2.80	1.01	.79	2.18	1.21	3.94	1.91	.85	2.72	1.89	19.00
August	1.73	3.04	2.03	2.88	2.17	4.45	.51	3.61	1.37	2.65	24.44
September	.36	1.77	2.70	3.23	1.42	2.52	1.02	.88	.45	2.21	16.56
October	2.44	2.41	1.30	1.95	2.79	1.05	.91	1.27	2.56	.78	17.43
November	2.86	1.34	1.42	3.09	.39	4.36	1.02	.87	2.58	3.76	21.69
December	.61	1.15	.74	1.24	1.15	2.04	1.98	1.79	1.74	1.10	13.54
TOTALS	20.96	18.69	16.19	26.02	17.17	37.71	19.04	18.82	14.71	22.96	205.27

941 Pumping Engine House 30' high 60° W 20004  
1947 Feb gauge closed for snowPosition 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
1941			Barnby Dun	3 m	S.W.	Kirk Bramwith	1/4 m	N.E.

Station No. 3175

51

## RAINFALL at Kirk Bramwith

County of West Riding - Yorks.

Observer

T.A.D. 1934

Farran Bay C.E.

River Basin - Don - 7

Type of Gauge - Snowdon

Annual Average 23.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S  
 " 23.06 - 40 " within 1916-57 " " 1916-50 File No. 40/30

Diameter ...	5"			087	024						
Height ...	2' 6"					1					
Altitude ...	22'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.37	1.30	.35	1.17	1.37	2.45	.88	1.86	(1.90)	4.34	16.99
February ...	2.08	.29	1.13	1.22	1.34	.93	1.23	3.11	(1.20)	1.91	13.45
March ...	9.13	1.55	.47	1.05	1.95	.82	.98	1.60	(1.60)	1.44	12.59
April ...	.79	.67	1.48	.23	.86	1.82	.10	.24	(2.60)	0.72	9.51
May ...	4.11	.93	1.20	2.57	2.25	.34	.79	1.75	(.50)	0.62	15.06
June ...	.96	1.27	1.12	1.20	1.88	3.36	2.19	3.73	(1.50)	0.67	18.48
July ...	2.01	2.22	2.32	2.24	.68	3.28	3.73	4.66	(1.00)	2.83	24.97
August ...	3.85	.94	2.31	4.06	.55	4.98	4.20	2.52	(.50)	3.00	26.91
September ...	.97	1.93	1.03	1.90	.76	1.64	3.26	1.21	(1.0)	3.41	16.21
October ...	1.46	2.15	1.65	2.35	1.47	.99	.94	1.41	(2.05)	5.03	19.50
November ...	4.31	1.45	1.09	3.47	1.29	.57	2.07	.71	(2.50)	3.83	21.29
December ...	1.26	1.09	1.04	1.81	1.74	1.51	1.91	2.47	(2.40)	2.06	17.29
TOTALS ...	25.30	15.79	15.19	23.88	16.14	22.69	22.28	25.27	(15.80)	29.86	212.25
	D	D	D	D	D	D	D	D	D	D	

1951. Pumping Engine House 400 ft. high 60°W.

1956. Slightly low but except.

1958/9 Est from 3175/6 not used for 44-70 averages 3/76 22d

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SE(44) 618115

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Barnsley Dene	3 m. SW.	Kirk Bramwith	1/2 m. N.E.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	J	✓	✓	
	/but - - - 2	1931-42-30	1942-31-32	✓	