

RAINFALL at Midhope Moor, BarnsideCounty of York, W.R. Observer L. S. M. Marsh, by C.E.River Basin Ouse - Don - 7

Rain Gauge, by _____

Diameter ...											
Height											
Altitude.....											
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January.....							4.00	2.25	3.57	5.43	
February ...							8.20	6.03	5.96	2.23	
March							4.50	2.61	1.07	6.72	
April							2.20	1.73	1.67	1.77	
May							2.00	2.17	2.94	1.69	
June							2.70	2.05	1.26	.58	
July							1.50	1.82	3.54	3.83	
August							1.60	5.69	1.25	3.59	
September...							1.60	1.82	10.07	2.86	
October.....							7.00	6.38	3.28	2.45	
November...							4.50	4.27	2.69	2.70	
December ...							4.20	2.01	7.07	6.74	
TOTALS ...							(44.00)	33.43	44.37	40.59	

1917-19 recd. 12.22. E.L. XI.22

↑
entry 3141

Barnside Moor, York

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

RAINFALL at Midhope Moor, Barnside.County of Yorks.Observer J.R. Fox & Co.River Basin Guse, Don 7Barnsley W.D. Eng.Rain Gauge, by N.Z.
3755

Diameter ...	5											
Height	1	0										
Altitude ...	1000											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean	
January ...	5.25	6.66	5.85	3.52	3.52	6.35	6.54	3.95	14.23	2.41	8.75	
February ...	3.79	.28	4.87	7.22	1.41	7.38	4.27	1.98	5.87	.78	1.02	
March	3.24	3.37	3.00	2.81	1.28	1.39	2.37	4.85	5.88	.52	5.50	
April	7.10	1.36	4.29	3.32	2.60	4.28	2.13	4.03	2.04	1.78	4.41	
May	4.93	2.09	1.26	4.57	4.82	4.83	3.14	1.59	1.86	2.82	2.54	
June	3.90	.29	1.59	0.87	2.02	11	3.65	4.61	4.23	1.54	3.45	
July	5.98	1.33	4.79	3.68	3.95	1.99	3.52	2.58	1.51	3.09	7.98	
August	1.82	5.98	6.41	4.10	3.77	3.81	4.11	5.31	5.92	3.71	4.40	
September...	1.79	.75	3.78	3.90	4.13	3.69	2.07	6.71	0.46	1.61	5.68	
October	3.27	2.68	1.21	3.80	6.10	5.71	5.41	6.22	6.47	5.48	5.58	
November...	5.38	2.74	2.65	7.20	3.69	3.41	6.68	7.24	9.25	9.97	5.54	
December...	5.07	7.13	4.70	4.45	5.88	6.27	2.27	3.90	5.59	13.18	3.81	
TOTALS...	48.52	34.66	44.40	49.44	43.17	49.22	46.16	52.97	57.31	46.89	58.66	

1917-21 mean 41.22

Inspected C.B. 28.11.22. S. on nearly level moor about 1/4 mi. S. of cottage. Lone fells slightly to N, with hills beyond valley. Dry stone wall about 50 yds. W; a fairly good site.

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

RAINFALL at Midhope Moor (Barnside)County of West RidingObserver J. R. Fox, Esq. C.E.River Basin Ouse - Don - 7.W.S. W. & P. Coy., C.E. (1936)

Type of Gauge

Annual Average 43.4 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. S

660870/26

Diameter	5.											
Height	1.0.											
Altitude	1000.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean	
January	4.62	5.14	3.08	3.98	2.37	4.66	6.64	7.52	6.67	(3.90)	48.58	
February	4.67	4.4	4.74	1.7	7.34	3.30	7.03	2.46	3.77	3.04	36.96	
March	1.7	3.02	2.86	4.32	1.93	3.81	2.54	1.01	3.98	3.66	27.30	
April	4.86	4.84	1.26	2.79	3.51	1.82	2.78	4.0	2.59	3.95	28.80	
May	3.27	6.19	2.87	2.26	4.46	1.48	3.29	3.76	2.46	1.14	27.18	
June	4.99	7.7	1.99	1.28	3.34	4.51	1.26	3.35	3.15	0.89	25.53	
July	3.89	4.35	2.41	1.94	1.52	3.96	2.69	4.90	7.00	4.05	36.71	
August	7.07	2.30	0.66	2.10	2.47	1.57	1.02	2.90	2.65	0.84	23.58	
September	4.85	2.72	2.16	2.98	5.97	5.08	1.99	3.31	2.20	3.55	34.81	
October	1.72	6.28	5.16	3.67	10.01	4.36	4.14	10.30	4.20	5.79	55.63	
November	6.50	3.86	2.45	2.74	8.14	6.57	2.92	6.29	8.19	10.27	57.93	
December	1.96	1.76	0.60	6.30	3.99	4.66	4.57	4.84	4.55	4.82	38.05	
TOTALS	48.57	41.67	30.24	34.53	51.05	45.78	40.87	51.04	51.41	45.90	441.06	

1937 Inspection. Site over exposed to North. Recommended that gauge be set up some 6 yds to East of existing site, to be off slight mound, & surrounded by turf wall. Outer can of gauge should be repaired.

1937 Gauge moved 20 ft E on Sept. 30th 1937. (See Inspection note above).

1940. Jan. Cond. for use.

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

Station No. 3145 T.F.

RAINFALL at Midhope Moor (Barnside)

41

County of West Riding, Yorkshire. Observer W. J. Lees, Esq. & Co.

River Basin Cusae Don

Type of Gauge

Annual Average 14.3 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. 5

File No. 660870.26

Diameter	5"			081	918						
Height	1' 0"				1						
Altitude	1000				41			1010'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means- Totals
January	(4.20)	3.88	6.85	7.80	4.81	7.36	5.04	11.49	2.61	2.93	56.87
February	5.65	(1.48)	3.99	2.45	5.19	7.11	(3.50)	4.92	3.07	8.42	45.78
March	7.18	2.53	2.15	.70	1.47	2.25	8.12	2.53	1.77	2.47	31.17
April	2.90	3.04	3.86	3.07	3.08	2.26	5.83	3.10	4.26	6.08	36.38
May	3.29	5.20	3.57	3.70	4.27	2.96	3.36	1.99	2.80	2.75	33.89
June	.84	1.29	2.94	2.68	3.89	5.55	3.23	5.57	.87	1.19	28.98
July	2.78	3.95	1.98	3.20	1.96	3.67	2.28	1.55	4.77	2.44	28.78
August	4.69	4.72	4.02	3.66	3.73	4.53	.47	6.34	2.67	4.06	38.89
September	.41	2.49	4.75	5.42	2.14	7.10	1.90	2.19	1.91	6.08	34.39
October	5.60	4.93	2.63	4.72	7.75	2.06	1.12	2.41	4.76	2.16	38.14
November	4.84	1.78	3.74	8.44	.79	10.17	6.17	1.83	7.90	6.82	52.51
December	2.56	4.31	2.64	5.25	4.05	5.02	5.92	5.65	7.18	2.89	47.17
TOTALS	44.90 D	39.60 D	43.12 D	51.03 D	43.13 D	60.04 D	46.94 D	49.57 D	46.77 D	46.89 D	472.05

1941 Jan. corr'd. for snow.

1942 Feb. part corr'd.

1947 Feb. and Jan. snow

40004 20004

20004

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.

BRITISH RAINFALL ORGANIZATION

Station No. 3145

T.F. 75

RAINFALL at ⁵ Middlehope Moor (Barnside)

51

County of West Riding - Yorks

Observer W. G. Lees Esq. C.E.

River Basin Ouse - Don - 7

Type of Gauge M & II

Annual Average 42.4 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. 5
" " 48.47 " " 16 " " 1942-57 " " 1916-50 File No. E1182150621555/57

Diameter ...	5"			081	918						
Height ...	1' 0"				1						
Altitude ...	1000'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total 60
January ...	5.35	6.56	1.67	4.71	3.88	7.35	4.19	5.83	5.42	7.79	52.75
February ...	5.12	1.68	2.81	4.54	3.90	1.96	4.20	7.13	2.26	3.97	35.57
March ...	6.43	2.87	3.23	3.74	3.79	2.58	3.66	3.62	2.34	3.37	35.63
April ...	2.43	2.63	3.98	.77	1.52	3.50	.28	1.21	5.80	2.75	24.87
May ...	4.48	2.97	3.06	5.11	4.71	1.15	1.85	4.36	1.05	2.19	30.93
June ...	1.30	2.66	3.36	2.48	3.94	4.17	1.25	5.55	2.29	1.55	28.55
July ...	2.62	1.94	3.89	3.18	1.14	8.02	3.58	5.48	2.68	5.16	37.69
August ...	5.64	3.04	4.53	6.92	1.66	8.16	6.62	3.82	1.21	4.94	46.54
September ...	3.05	5.04	2.80	4.94	1.40	4.62	5.75	5.38	.06	4.00	37.04
October98	7.99	2.46	7.21	3.32	2.77	4.87	3.71	3.71	8.93	45.95
November ...	11.58	2.81	3.99	10.32	3.00	2.23	3.33	1.28	5.89	7.10	51.53
December ...	8.76	3.89	2.15	8.52	6.46	6.14	6.07	5.66	9.19	6.37	63.21
TOTALS ...	57.74	44.08	37.93	62.44	38.72	52.65	45.65	53.03	39.90	58.12	490.26
	D	D	D	D	D	D	D	D	D	D	

INST. APR. 1958 J.B.O.P. Reservoir site. Tard well to be made here with min. of 5

Position of Station on Ordnance One-Inch map :

No. of Map 102

National Grid Reference 2K 229984

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	219.7	✓	✓	✓	
		-	about 21-27	✓	