

RAINFALL AT Masham Moor Roundhills Res No 1

Lat.

Lon.

County of York

N.R. N.S.

Sunder Rain Gauge, by
fisher size - 1.

Observer E.W. Dunning C.R.

7g. Dunning C.R. - 7 Bagshaw C.R.

Diameter ..			8								
Height ..				0.6						1.0	
Altitude ..			743 ft								
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..	1.45	4.79	3.60	1.14	4.89	1.17	2.37	1.49			
March ..	1.63	4.60	4.33	1.88	2.59	1.98	2.08	.92			
April ..	1.14	6.62	2.81	2.65	2.65	2.77	4.85	4.81			
May ..	1.57	1.48	2.50	2.90	.74	1.87	2.30	2.86			
June ..	2.15	4.63	3.44	.59	4.07	4.46	2.53	1.74			
July ..	1.72	2.37	1.74	1.57	1.31	4.19	2.20	3.09			
August ..	2.44	3.13	1.96	.55	.97	2.00	2.99	2.68			
September ..	2.67	3.85	3.12	3.93	2.82	1.59	2.81	3.85			
October ..	1.83	4.67	1.15	2.31	.54	.35	4.05	1.96			
November ..	4.28	9.04	.94	1.82	6.72	7.10	2.16	3.50			
December ..	2.79	1.39	2.29	6.50	3.93	2.54	2.12	1.16			
TOTALS ..	27.65	49.37	29.46	26.90	33.60	34.13	32.00	32.45			

1908 Healey Church 3 1/2 miles E

Masham Station 7 . E

Nothing within appreciable distance

RAINFALL AT Masham near Roundhill Farm No. 2

Lat. Lon. County of York ^N & R. ~~Ashbourne~~
 Sydenham Rain Gauge, by Observer E. W. Dixon Esq. C.E.
Wm. Fisher T. J. Dixon Esq. - H. Popham Esq.

Diameter ..				8							
Height ..				0 6						1. 0	
Altitude ..				975							
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..				5.23	4.45	1.27	5.19	1.30	2.33	1.62	
February ..				4.92	4.16	2.06	2.71	2.07	2.63	1.17	
March ..				7.57	2.76	2.92	2.57	2.57	5.19	5.19	
April ..				1.79	2.71	3.20	.69	1.91	2.31	3.04	
May ..				4.59	3.32	.51	3.78	3.99	2.61	1.88	
June ..				2.22	1.79	1.56	1.38	4.62	2.86	3.42	
July ..				3.82	1.85	.59	.92	2.28	3.34	2.86	
August ..				4.16	3.65	3.95	3.09	1.64	3.00	3.34	
September ..				5.01	1.45	2.39	.59	.41	4.79	2.10	
October ..				9.58	1.12	1.82	5.77	7.10	2.23	3.78	
November ..				1.52	2.56	6.44	4.02	2.64	2.40	1.42	
December ..				3.42	2.05	1.07	2.60	5.04	1.96	6.43	
TOTALS ..				53.33	31.87	27.78	33.31	35.57	35.65	36.25	

1908 Healey Church 5 miles E
 Masham Station 8½ miles E
 Nothing near

049 268

10 33409

RAINFALL at Masham Moor Roundhill Reservoir No 1

County of N R Yorkshire

Observer T Bagshaw Esq cl

River Basin One-Ele

ad West

River Basin Once-Use 1 Ad West Eng Cl.

Flascher Rain Gauge, by

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Fransham	7 mi	E	Healey	3 mi	E

RAINFALL at Masham Moors Roundhill Farm No. 2County of N. R. YorkshireObserver F. Bagshaw Esq. M.R.River Basin Once - Use

Flasher Rain Gauge, by _____

Diameter ...	8										
Height	1.0										
Altitude ...	975										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.35										
February ...	3.81										
March	71										
April	3.68										
May	2.21										
June	1.98										
July	2.37										
August	5.56										
September ..	.24										
October ...	4.03										
November ..	4.83										
December ...	5.22										
TOTALS ...	39.99										

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

RAINFALL at Masham Moor Roundhill Reservoir N° 1.

County of N. R. Yorkshire

Observer A. G. West Esq C.E.

River Basin Buse. Ure 1

Water Corp. Manager

Glaisher Rain Gauge, by
funnel catch & new one required VIII-23
Glass correct

Diameter ...	8									1930 JANUARY	
Height	1 0										
Altitude	743										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January	3.85	7.47	5.09	2.74	3.65	5.78	5.48	4.54	9.23	1.87	6.31
February	3.05	2.2	4.28	7.56	1.27	6.13	3.83	2.48	4.57	1.31	1.91
March	4.32	2.89	3.42	2.19	2.25	1.65	1.84	3.36	4.54	.25	3.81
April	7.10	1.30	4.04	3.40	2.70	4.99	2.25	3.22	1.08	1.66	4.10
May	3.78	1.98	1.71	3.59	7.20	4.96	2.96	2.32	3.93	2.58	1.35
June	1.38	96	2.08	1.23	2.38	2.20	4.46	3.50	5.34	1.37	2.51
July	6.96	3.28	6.18	3.35	6.74	1.82	3.74	7.52	1.16	2.88	7.15
August	1.69	6.04	4.81	3.48	3.61	3.50	3.77	9.67	5.41	3.12	4.12
September...	1.20	1.81	5.23	4.38	5.40	2.95	3.39	6.20	.56	1.18	6.09
October.....	5.81	1.95	1.39	4.76	5.09	4.64	4.54	5.81	6.82	4.27	4.13
November...	2.90	2.59	1.73	6.46	3.52	2.58	9.78	5.14	6.01	5.44	5.05
December...	4.85	6.12	5.22	3.87	6.43	6.13	1.58	4.55	2.71	9.06	4.31
TOTALS...	46.89	36.61	45.18	49.21	30.24	45.33	47.62	53.31	50.46	34.99	50.84

In view of the VIII-23.
 lower recording range alongside. Trouble had been experienced in getting
 suitable charts and the
 gauge situated in a field behind house above dam on side of hill
 surrounded at convenient distance by trees on all sides except E.
 good exposure.

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	Parish Church.	Distance from gauge	Direction
1911			Masham	7 mi	E	Healey	3½ mi	E

RAINFALL at Masham Moor (Roundhill Res.)

County of North Riding

Observer A. S. West, Esq., C.E.

River Basin Ouse - Ure - 1

Type of Gauge

Annual Average 37.2 in. based on 25 years obs. un-weighted. Period of average 1881—1915

Ref. S

660560/26

Diameter	8.										
Height	1.0.										
Altitude	743.				742	790	743.				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	2.81	3.93	3.40	3.16	1.80	5.95	4.88	4.71	6.75	3.55	40.94
February	3.40	.77	6.49	.31	4.84	4.39	5.80	1.70	2.63	3.01	33.34
March	1.06	2.73	2.40	4.14	1.06	2.50	5.46	.26	3.25	2.07	24.93
April	4.73	3.78	1.54	4.40	3.08	1.94	4.25	.19	1.72	2.61	28.24
May	3.93	6.82	3.38	2.57	1.00	2.64	3.33	3.35	1.65	1.79	30.46
June	5.77	2.59	1.12	2.06	3.22	6.54	1.96	3.54	2.53	.54	29.81
July	3.33	3.73	3.46	1.00	.57	2.98	2.85	4.36	3.69	4.56	30.53
August	4.77	2.06	0.52	2.82	2.56	2.08	1.64	4.85	2.66	.62	24.58
September	6.22	2.61	2.69	2.84	6.49	2.60	1.67	2.23	1.47	1.84	30.66
October	1.64	4.96	4.11	4.71	5.07	2.34	3.21	6.65	4.32	4.38	41.39
November	6.23	3.04	4.23	3.40	7.43	3.85	2.25	5.52	4.32	5.39	45.66
December	2.47	2.13	0.85	7.27	2.75	3.38	4.31	4.66	2.19	2.68	32.69
TOTALS	46.36	39.15	34.19	38.68	39.87	41.19	41.61	42.02	37.18	33.04	393.29
	D	D	D	D	D	D	D	D	D	D	D

Position of Station on reduced Ordnance Survey Map, } No. of Map.....
1 mile to 1 inch Series

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1931			Masham	5½ m	ENE	Healey	2½ m	NE

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

Station No. 3409

RAINFALL at Marsham, Morn. (Roundhill Res.)

41

County of North Ridgeway

Observer A. S. West Esq. C.E.

River Basin Ouse

The Water Engineer, Hastings

Type of Gauge

Annual Average 37.6 in. based on 25 years obs. un-weighted. Period of average 1881-1945 Ref. 2

File No. 640560/24

Diameter	"	249	268								
Height	' "		1								
Altitude	' ft		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.84	4.92	5.52	2.80	4.00	3.83	3.22	8.60	1.64	2.12	40.72
February	6.77	2.23	1.58	1.79	3.75	2.87	4.83	2.34	2.76	6.39	34.51
March	4.36	3.35	1.25	3.6	7.3	1.88	6.62	2.15	1.15	1.49	29.14
April	3.24	1.60	1.31	2.65	2.17	2.13	4.00	2.92	3.71	3.38	27.14
May	2.35	3.08	3.50	1.57	3.53	3.87	2.82	1.57	1.44	1.98	25.77
June	6.4	1.24	2.36	1.78	3.38	2.33	3.46	4.01	.64	1.28	21.12
July	1.90	2.96	1.56	2.57	2.49	2.95	1.69	.88	2.89	2.80	22.19
August	2.54	3.15	3.97	1.96	3.92	5.99	.60	4.33	2.61	5.57	34.67
September	.30	1.93	5.40	6.27	1.95	6.22	2.11	2.13	2.01	4.77	33.15
October	4.98	2.71	2.30	4.40	5.71	2.45	1.61	1.13	4.45	2.14	31.88
November	3.94	1.62	2.09	6.91	1.14	7.56	3.19	1.36	5.23	5.37	38.41
December	1.48	3.32	2.19	3.13	2.60	3.33	2.61	4.21	5.98	2.08	30.88
TOTALS	34.43	32.17	33.09	36.19	35.37	48.61	36.76	35.63	34.01	39.32	363.58

947 Proprietary tree felled in 1948. 6 new sallows 100 yds W. of present site. Growth of trees has made present site unsatisfactory.
1948. Gauge moved 1/1. 80 yds W.

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			Marsham	5 miles	ENE	Hecking	2 3/4 miles	N.E.

Station No. 3409

51

RAINFALL at Masham Moor (Roundhill Res.)

County of North Riding - Yorks. Observer The Water Engineer,

River Basin. Ouse - Mre - 1 Below Water Board Harrogate.

Type of Gauge. Glacier

Annual Average 37.6 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S

No av. worked o/c erratic.

File No. 660560/26 E16133/53

Diameter ...	8"	049268									
Height ...	1'0"	1									
Altitude ...	743	51									
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.37	3.17	.71	3.30	3.14	4.82	4.26	3.26	3.85	6.13	36.01
February	4.54	.55	2.23	3.35	2.42	2.29	3.62	6.59	.19	3.54	29.62
March	4.85	2.19	.59	2.58	2.61	1.77	2.16	2.83	2.60	3.37	25.55
April	2.51	1.74	3.21	.75	1.05	2.31	.34	1.00	4.25	1.96	19.12
May	7.73	1.83	2.67	5.13	3.36	.93	1.67	6.17	1.16	1.51	32.16
June	1.15	1.27	3.67	2.59	2.99	3.47	1.66	4.06	1.56	1.04	23.26
July	1.33	1.22	3.59	2.54	1.06	6.04	4.03	4.18	1.79	1.40	30.18
August	5.83	3.71	3.96	6.71	1.43	8.16	6.33	4.86	.81	3.16	44.96
September	1.76	5.41	2.90	3.61	1.94	4.49	4.33	3.22	.21	3.91	31.81
October	1.84	4.50	2.03	7.34	2.05	2.39	3.72	3.10	3.80	7.69	38.46
November	9.87	2.46	3.06	7.04	2.85	.87	2.59	1.01	5.85	5.67	41.26
December	5.57	2.92	2.05	4.48	5.11	4.48	4.15	5.54	7.64	4.75	46.69
TOTALS ...	50.35	30.96	30.67	49.42	30.14	42.02	38.86	45.82	33.71	47.13	399.08
	D	D	D	D	D	D	D	D	NP	D	

Hub 181957 f 8.0 W. R. v. poor with leak in flange. Over-expansed SE-SSW. Rec. turf wall
Original site appears to have been better but may be now over-burdened by trees

* From map and see enc. 91A 23/4/34 file 660560/26

1959:- np low

Position of Station on Ordnance One-Inch map :			No. of Map. 91	National Grid Reference SE(44)151777		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Masham	5 1/2 m ENE	Healey	2 1/2 m NE

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓	✓	✓	✓	
	✓ Jan - 16-17	✓	✓	✓	