



# RAINFALL AT Masham Moor Low Houses

Lat. \_\_\_\_\_

Long. \_\_\_\_\_

County of York W.R. N.R.

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

Observer J. Hewson Esq. C.E.

Use No 1

Diameter ....	8										
Height .....	0 9										
Altitude ....	693										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.74	2.07	1.70	1.56	5.04	1.79	1.28	1.65	1.69	7.08	3.060
February ....	1.39	.07	2.70	4.48	7.86	1.31	.68	3.60	2.88	3.03	2.800
March .....	3.03	2.25	.97	2.65	3.70	3.88	4.35	6.94	1.59	1.80	3.106
April .....	1.39	3.71	1.89	.67	2.21	3.24	1.63	2.34	3.65	3.44	2.417
May .....	2.36	3.19	3.20	2.25	2.31	.92	.64	1.35	2.48	4.14	2.284
June .....	3.46	1.04	4.38	1.49	3.44	2.37	3.51	2.47	2.51	1.56	2.623
July .....	2.08	4.58	1.62	1.99	3.12	6.53	2.05	.90	.62	2.84	2.609
August .....	5.35	4.66	3.75	3.50	2.85	2.76	2.27	4.13	3.18	1.57	3.402
September....	1.92	2.90	2.22	2.01	.70	1.55	6.99	2.79	1.09	4.80	2.697
October .....	1.29	4.61	8.88	2.49	6.58	3.97	5.09	1.90	6.57	3.86	4.514
November....	4.14	4.33	2.00	2.53	2.12	7.11	1.45	2.96	3.04	4.08	3.376
December ....	1.29	7.07	.56	4.61	3.51	3.25	5.28	6.47	4.62	3.04	3.970
TOTALS . . .	34.44	40.38	33.77	30.23	43.44	38.68	35.22	37.50	33.92	41.24	36.882

# RAINFALL AT *Masham Moor Low Houses*

Lat. ....

Lon. ....

County of *York*

*N. R. H.*

Rain Gauge, by .....

Observer

*N. Newson Esq. C.E.*

*C. F. Hamyell Esq. C.E.*

*see - 1.*

Diameter ..		*	5									
Height ....		0	9									
Altitude ..		693	5									
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..		2.08	1.41	5.22	4.83	1.57	5.27	1.63	2.93	2.20		
February ..		1.26	1.54	5.28	4.36	2.43	2.71	2.56	3.35	1.44		
March ....		4.05	1.69	8.11	2.89	3.20	2.61	3.43	4.74	4.53		
April .....		2.41	1.62	1.70	2.43	4.23	.77	1.91	2.91	3.04		
May .....		1.63	2.81	5.56	4.25	.70	5.03	5.46	2.68	1.99		
June .....		1.61	1.60	2.76	1.68	1.35	1.24	4.49	2.06	3.61		
July .....		4.67	2.15	3.54	1.72	.57	1.34	2.67	2.95	2.87		
August ....		1.50	1.91	3.70	3.85	3.98	2.64	1.91	2.68	4.13		
September ..		1.35	1.82	4.45	1.18	2.64	.52	.60	4.14	2.38		
October ....		1.37	4.15	9.63	1.03	1.87	7.63	7.75	2.35	3.86		
November ..		4.75	2.50	1.42	1.72	6.88	4.20	2.88	2.48	1.82		
December ..		4.47	4.35	3.20	2.30	1.22	2.63	4.61	1.74	4.88		
TOTALS ..		31.15	27.55	54.57	32.24	30.64	36.59	39.90	35.01	36.25		

28.11.06. Inspection note by Dr. Hill:- 8 in. glass, 8 in. above ground, not level. Hole in side of funnel. Hydraulic joint collar loose.

This gauge should be condemned. - (see next sheet) -

\* 5 in. Bradford - Casella 8321 - in good condition, 9 in. above ground. No fault to find, except that .005 in. was left in gauges.

Both gauges surrounded by circle (12 ft diam.) of iron tube 3' 6" high, on gentle slope, ~~exposure~~ exposure good.

+ Inspected



# RAINFALL AT *Masham Moor Low Houses*

Lat. ....

Lon. ....

County of *York N.R. North*

Rain Gauge, by .....

Observer *J. H. Henson Esq. C.E.*  
*C. S. Hargreaves C.E.*

*See - 1.*

Diameter ..	8										
Height ....	0 9										
Altitude ..	693 7										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.65	2.18	1.46	5.30	4.87	1.61	5.38	1.70	2.93		
February ..	6.09	1.37	1.57	5.42	4.39	2.50	2.77	2.59			
March ....	1.38	3.59	1.71	8.24	2.92	3.30	2.68	3.46			
April .....	2.25	2.42	1.63	1.75	2.46	4.25	.78	1.93			
May .....	2.18	1.70	2.85	5.65	4.28	.70	5.12	5.50			
June .....	3.03	1.69	1.70	2.84	1.67	1.26	1.26	4.50			
July .....	1.96	4.81	2.28	3.55	1.73	.58	1.33	2.68			
August ....	7.42	1.64	1.99	3.74	3.89	4.04	2.66	1.93			
September..	.70	1.41	1.91	4.53	1.20	2.63	.52	.60			
October ....	5.79	1.45	4.22	9.57	1.04	1.90	7.78	7.68			
November ..	3.86	4.85	2.54	1.43	1.74	6.92	4.30	2.88			
December ..	4.29	4.78	4.43	3.23	2.31	1.24	2.15	4.61			
TOTALS ..	43.60	31.89	28.29	55.25	32.50	30.93	36.73	40.06			

*Inspection 28. 12. 06 - see previous sheet.*

049 '32

10 3416

RAINFALL at Masham Moor Low HousesCounty of N. B. YorkshireObserver C. G. Hargreaves Esq. C.E.River Basin Ouse - Ure 1

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

Diameter ...	5											
Height .....	0 9											
Altitude ...	693 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. Totals	
January ...	5.45	2.23	4.47	5.42	2.90	6.08	3.47	3.29	3.41	5.28	15.45	
February ...	4.00	3.57	2.81	2.12	4.07	6.12	5.25	1.05	4.60	2.82	13.72	
March .....	.74	2.32	4.35	7.33	2.79	1.30	5.10	2.87	1.62	4.52	14.11	
April .....	3.91	1.41	.42	3.96	1.23	1.46	2.07	2.83	1.23	2.28	8.41	
May .....	2.79	1.27	3.09	2.64	2.16	2.10	3.16	2.34	2.89	1.76	10.15	
June .....	2.02	3.30	6.60	1.73	3.87	.53	2.08	2.26	.70	1.33	6.37	
July .....	2.91	.43	4.70	1.60	2.85	4.95	2.26	1.49	5.12	2.37	11.24	
August .....	5.27	2.44	5.83	1.36	1.67	4.77	2.54	7.79	2.69	2.98	16.00	
September ..	.21	2.67	2.16	1.99	1.57	.52	2.49	1.25	8.36	1.30	13.40	
October ...	4.45	4.19	3.27	3.44	2.50	1.33	7.61	5.31	3.27	4.75	20.94	
November ...	3.47	5.58	2.53	3.03	6.01	2.72	4.88	2.35	2.30	4.71	14.24	
December ...	4.20	6.11	4.40	1.89	9.48	8.56	2.89	2.31	5.64	5.33	16.17	
TOTALS ...	39.42	35.52	44.63	36.51	41.10	40.74	43.80	35.14	41.83	39.43	160.20	

+ Inspected

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

RAINFALL at Marsham Moor Low HouseCounty of N. YorksObserver: C. F. Hengell Esq C.E.River Basin Cuse. Ure 1(1925) H. Shortland Esq C.E.

{ 5.00  
 4.98  
 5.00

Broadford  
 S. in good condition

Rain Gauge, by Canella  
 8621

Leeds Wn.

Diameter ...	5"												
Height .....	0 9												
Altitude ...	693												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 <del>Jan</del>	1920-30 Totals	
January ...	5.08	7.00	4.60	2.66	3.29	5.34	5.70	4.53	7.94	1.49	6.92	54.55	
February ...	2.82	2.0	3.69	6.83	1.06	5.27	2.98	2.24	4.16	1.42	1.98	32.65	
March .....	4.32	2.12	3.42	1.96	1.61	1.77	1.43	2.79	3.64	1.7	3.78	27.71	
April.....	6.60	1.51	3.86	3.16	2.05	4.39	1.78	3.10	.89	1.54	4.56	33.44	
May .....	3.90	1.74	1.62	3.38	6.27	4.82	2.93	2.15	5.22	2.43	1.52	33.98	
June .....	1.12	.79	1.95	1.08	1.55	.19	4.13	3.42	5.49	1.67	2.30	23.69	
July .....	6.62	3.26	5.71	3.30	6.00	1.89	3.31	6.09	.91	2.73	6.20	46.02	
August .....	1.59	5.63	4.46	4.72	2.81	2.72	3.55	8.73	5.73	3.25	4.24	47.43	
September...	1.10	1.87	5.09	3.65	4.59	2.49	2.98	4.47	.54	1.02	5.32	33.17	
October.....	3.67	1.85	1.60	4.24	4.36	3.97	3.76	5.14	6.02	4.12	4.10	42.83	
November...	2.64	2.58	1.48	6.36	2.59	2.18	8.39	4.04	5.35	3.51	5.10	46.22	
December...	4.43	6.02	5.43	3.54	5.81	6.27	1.32	3.54	2.46	8.87	4.27	51.94	
TOTALS...	43.94	35.27	42.91	44.88	41.99	44.30	42.26	50.24	46.33	34.22	50.29	473.63	

Inspected 95. 4th July 1923 S. situated in corn fields in meadow. Grass  
 required cutting. Good shelter on W & S.W. but somewhat overexposed to E, N & S.  
 Deep at about 20 yds to E, slight dip to N (not very good exposure). No better  
 position available - rather over-exposed.

 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 Masham Moor (Low Houses)County of North RidingObserver H. Shortreed, Esq., R.E.River Basin Ouse - Ure - 1K. W. Farnham Esq., C.E. (1959)

Type of Gauge

Annual Average 37.9 in. based on 26 years obs. un-weighted. Period of average 1881 - 1915 Ref 5

780902/27

Diameter	5.											
Height	0.9.											
Altitude	693.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals	1931-40
January	3.61	4.29	3.77	3.78	2.30	6.21	5.38	6.32	7.20	2.44	45.30	
February	3.63	.76	4.94	.31	6.47	4.59	6.52	2.17	3.10	2.79	35.33	
March	1.11	2.66	2.37	3.94	1.18	2.70	4.41	.59	3.95	2.36	25.27	
April	4.52	3.89	1.52	4.27	3.22	2.26	4.04	.26	1.76	2.48	28.22	
May	3.86	5.96	4.62	2.53	1.42	2.53	3.36	3.61	1.25	1.84	30.97	
June	6.00	2.32	1.49	1.88	3.94	6.88	1.95	3.58	2.53	.46	31.03	
July	3.46	3.83	3.11	1.05	.54	3.66	2.63	4.36	3.54	4.33	30.51	
August	4.39	1.98	.53	2.79	1.89	2.24	1.74	7.23	3.09	.61	26.54	
September	5.31	2.55	2.49	2.35	6.70	2.62	1.87	2.19	1.61	2.03	29.72	
October	1.78	4.98	3.46	5.13	6.70	2.92	3.02	3.64	4.36	4.54	45.53	
November	5.35	2.54	3.76	2.89	7.12	3.79	2.49	6.05	5.27	5.70	44.96	
December	2.36	2.29	.76	6.21	3.07	4.54	4.08	4.79	2.35	3.70	34.15	
TOTALS	45.43	38.05	32.52	37.13	44.55	44.94	41.53	49.79	40.01	33.28	407.53	

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. T.F. 3416RAINFALL at Marsham Moor (Lower Hauses)

41

County of North Riding Observer K. L. Forster Esq. C.E.River Basin Rosse - Ure - 1

Type of Gauge.....

Annual Average 37.7 in. based on 26 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5File No. 780902/27

Diameter	5"		249	132							
Height	0' 9"			1							
Altitude	693'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50 1915/15
January	4.41	3.51	5.91	3.71	4.93	2.27	3.22	8.47	1.38	2.60	41.51
February	4.15	2.21	2.81	2.20	4.08	2.77	4.00	2.60	2.62	5.72	36.42
March	4.58	2.94	1.85	.55	1.08	1.70	6.00	2.69	.76	1.63	23.78
April	3.04	1.80	2.20	2.54	2.14	1.65	6.17	3.07	3.98	3.27	29.86
May	2.21	3.54	3.94	1.46	4.04	3.90	2.62	1.74	1.19	1.52	26.16
June	.65	1.28	3.04	2.41	2.51	2.22	3.31	3.85	.62	.97	20.86
July	1.69	2.89	1.56	2.24	2.63	2.70	2.11	.83	2.28	3.07	22.00
August	2.67	3.43	3.96	1.91	5.94	5.88	1.08	5.11	2.64	5.80	38.42
September	.35	1.90	5.10	6.34	2.49	5.62	2.69	2.44	2.28	4.53	33.74
October	5.09	2.76	2.53	4.80	6.47	2.10	1.27	1.07	3.99	1.83	31.91
November	4.25	1.69	2.25	7.59	1.02	7.66	3.63	1.27	4.82	5.49	39.67
December	1.99	3.70	2.30	3.95	2.49	3.48	3.15	4.67	6.57	1.66	33.96
TOTALS	38.08	31.65	37.51	39.70	39.82	43.25	39.25	37.81	33.13	38.09	378.29

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. 3416

T.F. 41

RAINFALL at 8 Ashen Moor (Low House)

51

County of North Riding - YorksObserver H. L. Forster Esq. C.F.River Basin Ouse - Val - 1Type of Gauge H.O.Annual Average 37.9 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. S  
" " 40.39 " 38 " within 1916-57 " " 1916-50 " E 23380/58  
File No. 784/22/27

Diameter ...	5"										
Height ...	0'9"							1'0"			
Altitude ...	693'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.29	3.53	.82	3.21	2.98	4.80	3.02	(4.15)	4.20	4.93	
February ...	4.89	.66	3.80	3.83	2.33	2.74	2.89	6.92	.17	5.00	
March ...	4.89	2.33	.26	2.01	2.16	1.53	1.49	2.81	1.89	2.80	
April ...	2.64	1.85	2.79	.48	.74	2.00	.42	1.19	4.21	2.08	
May ...	8.82	1.80	2.76	4.69	3.41	.67	1.70	4.37	1.25	1.50	
June ...	.96	1.15	2.97	2.57	3.18	2.82	1.25	3.91	1.84	1.73	
July ...	1.40	1.24	3.50	2.04	.95	4.94	4.79	3.36	1.91	3.95	
August ...	5.70	3.75	3.13	7.03	1.08	8.10	6.45	4.21	.79	3.28	
September ...	1.75	4.51	3.01	4.14	1.66	4.52	3.93	3.30	.13	4.45	
October ...	1.86	4.19	2.08	6.74	2.15	2.06	3.18	3.14	4.16	8.24	
November ...	10.57	2.70	2.76	8.08	2.91	.55	2.58	.98	6.17	6.26	
December ...	5.57	2.35	1.76	3.21	4.93	3.57	3.76	4.97	8.22	5.17	
TOTALS ...	52.34	30.06	29.64	48.13	28.48	38.30 np.	35.46 np.	43.31 2	34.94	48.39	

1956 np. low

1957 np. low

Ink. 11.155 1.604. Low - exposed almost all down. Turf wall fair.

1958 Put gain at 11.036. eq. eqs.

00004

§ Turf wall

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SE 137812

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

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
	✓	✓	✓	✓	
	-	-	-	-	