

## RAINFALL AT Low Houses

Lat.

### *Lem.*

County of York N.R.

*Rain Gauge, by*

Observer J. Hewson Esq. C.E.

Ouse-Me-!

## RAINFALL AT Masham Moor Low Houses

Lat.

Lon.

County of York W.R. N.R.

Rain Gauge, by

Observer J. Newson Eng. Cl.

Date Dec 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	.87	2.65	3.70	3.88	4.35	6.94	1.59	1.80	2.106
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	2.620
July .....	2.08	4.58	1.62	1.99	3.12	6.53	2.05	.90	.62	2.84	2.689
August .....	5.35	4.66	3.75	3.50	2.85	2.76	2.27	4.13	3.18	1.57	3.102
September .....	1.92	2.90	2.22	2.01	.70	1.55	6.99	2.79	1.09	4.80	2.699
October .....	1.29	4.51	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	2.376
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.

Lem

*County of*

York N.Y. Hotel

*Rain Gauge*, by

## *Обычай*

N. Newell Esq.

C. F. Hennell Esq. A.

use-1-

Diameter ..	*	5								
Height ..		0 9								
Altitude ..		693 ft								
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	

28-1x-06. Inspection note by Dr. Hill:- 8 in. glasser, 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 good.

+ Inspected

## RAINFALL AT Masham Moor Low Houses

Lat.

Lon.

County of

York

N.R. Nth

Rain Gauge, by

Observer

J. Henderson Eng Cl.

C.S. Longsdell cl.

Area - 1.

Diameter ..	8										
Height ....	0.9										
Altitude ..	693 ft										
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	1.23	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	6.82	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	30.83	36.73	40.06			

Inspection 28. IX. 06 - see previous sheet.

049 132

10 3416

RAINFALL at Masham Moon Low Houses

County of N. R. Yorkshire

Observer C. G. Hennell Esq. C.E.

River Basin Once - Year

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

Diameter ...	5										
Height .....	0.9										
Altitude ...	693 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. 1910-1919 TOTALS
January ...	5.45	2.23	4.47	5.42	2.90	6.88	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 .....	7.74	2.32	4.35	7.33	2.79	1.30	5.10	2.87	1.62	4.82	14.11
April .....	3.91	1.41	4.42	3.96	1.23	1.46	2.07	2.83	1.28	2.88	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	1.43	4.70	1.62	2.85	4.95	2.26	1.49	5.12	2.37	11.24
August .....	5.27	2.44	5.83	1.26	1.67	4.77	2.54	7.79	2.69	2.98	16.00
September ..	2.21	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	9.58	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 House

County of N. R. Yorkshire

Observer C. G. Hengell Esq. C.E.

River Basin Ure 1

(1928) H. Shortland Esq. C.E.

Bradford Rain Gauge, by Casella  
 S. in good condition 8321

Foothill

Diameter ...	5"												
Height .....	0.9												
Altitude ...	693												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1920-30 Totals	
January ...	5.08	7.00	4.60	2.66	3.29	5.34	5.70	4.53	7.94	1.99	6.92	54.55	
February ...	2.82	2.20	3.69	6.83	1.06	5.27	2.98	2.24	4.16	1.42	1.98	32.65	
March .....	4.32	2.82	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	3.22	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...	1.16	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	5.51	5.10	46.22	
December...	4.43	6.02	5.43	3.54	5.81	6.27	1.32	3.54	2.44	8.87	4.27	51.94	
TOTALS...	43.94	35.27	42.91	44.88	41.99	41.30	42.26	50.24	46.33	34.22	50.29	473.63	

Inspected 9th July 1928 S. situated in openings in meadow. Grass required cutting. Good shelter on W + S.W. but somewhat overexposed to E, N + S. Drop at about 20 yds to N.E. (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 House)

County of North Riding.

Observer H. Shortreed, Esq., C.E.

River Basin. Ouse - Ore. - 1.

K. W. Fawcett, Eng., 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

Ref.....

780902/27

Diameter	5.									
Height	0.9.									
Altitude	693.									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
January	3.61	4.29	3.77	3.78	2.30	6.21	5.38	6.32	7.20	2.44
February	3.68	.76	4.94	.31	6.47	4.89	6.52	2.17	3.10	2.79
March	1.11	2.66	2.37	3.94	1.18	2.70	4.41	.59	3.95	2.36
April	4.52	3.89	1.52	4.27	3.22	2.26	4.04	.26	1.76	2.48
May	3.86	5.96	4.62	2.53	1.42	2.53	3.36	3.61	1.25	1.84
June	6.00	2.32	1.49	1.88	3.94	6.88	1.95	3.58	2.53	.46
July	3.46	3.83	3.11	1.05	.54	3.66	2.63	4.36	3.54	4.33
August	4.39	1.98	.53	2.79	1.89	2.24	1.74	7.23	3.09	.61
September	5.31	2.55	2.49	2.35	6.70	2.62	1.87	2.19	1.61	2.03
October	1.78	4.98	3.46	5.13	6.70	2.92	3.02	8.64	4.36	4.54
November	5.25	2.54	3.76	2.89	7.12	3.79	2.49	6.05	5.27	5.70
December	2.36	2.29	.76	6.21	3.07	4.54	4.08	4.79	2.35	3.70
TOTALS	45.43	38.05	32.82	37.13	44.55	44.94	41.53	49.79	40.01	33.28
										407.53
										1931-40 Means Totals

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

*Reference No.* \_\_\_\_\_

Station No. T.F. 3416

RAINFALL at Masham Moor (Lower Houses).

41

County of North Riding Observer K. L. Foster Esq. C.E.

River Basin River = Ure = 1

Type of Gauge.....

Annual Average 37.5 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. 780.902/27

Diameter	5"	049	132								
Height	0' 9"			1							
Altitude	693'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50 1941-15
January	4.41	3.51	5.91	3.71	4.93	2.27	3.22	8.47	1.38	2.60	41.51
February	7.15	2.21	2.81	2.20	4.08	2.77	4.00	2.60	2.62	2.72	36.42
March	4.58	2.94	1.85	5.55	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	1.21	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	3.68	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, 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

Station No. 3416

11.41

RAINFALL at Marsham Moor (Low House)

County of North Riding - Yorks.

Observer

K. L. Forster Esq. C.E.

River Basin. Ouse - Ure - 1

Type 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 1916-50 " " 1916-50 S E 23380/58  
 File No. 781/229

Diameter	5"	049	132									
Height	0'9"			1								1'0"
Altitude	693'			51								
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	3.29	3.53	2.82	3.21	2.98	4.80	3.02	(4.15)	4.20	4.93		
February	4.89	6.66	3.80	3.83	2.33	2.74	2.89	6.92	.17	5.00		
March	4.89	2.33	2.26	2.01	2.16	1.53	1.49	2.81	1.89	2.80		
April	2.64	1.85	2.79	2.48	1.74	2.00	1.42	1.19	4.21	2.08		
May	8.82	1.80	2.76	4.69	3.41	6.67	1.70	4.37	1.25	1.50		
June	9.6	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	7.02	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	2.88	.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	35.46	43.31	34.94	43.39		
						op.	70	n				

1956 n.p. low

400004

Just. 1957 n.p. low  
 1958 J. hot. Over-exposed almost all dries. Turf-wire fair.  
 1958 Point gain about 1.036. avg agrees.

Turf-wire

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SE 137812

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

1951-60

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