

RAINFALL at Masham Moor Towler HillCounty of N. R. YorkshireObserver C. G. Henszell Esq. C.E.River Basin Onze-ble 1

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

Diameter ...	8										
Height .....	0 9										
Altitude ...	820 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 MEANS Totals
January ...	5.11	2.03	4.82	6.94	2.63	5.70	2.70	3.07	3.27	5.00	14.04
February ...	4.59	3.35	2.71	1.94	4.05	6.15	4.61	.77	4.33	2.99	12.50
March .....	.87	2.06	4.30	6.88	2.45	1.18	5.06	2.64	1.58	5.16	14.44
April .....	3.63	1.24	.27	4.09	1.23	1.29	1.65	2.12	1.15	2.06	6.98
May .....	2.19	1.55	2.86	2.88	2.03	2.09	3.15	2.40	3.02	1.60	10.17
June .....	2.13	3.06	6.83	1.88	3.15	.76	1.91	2.61	.60	1.23	6.35
July .....	2.62	.26	4.95	1.58	2.49	4.92	2.19	1.39	5.18	2.35	11.11
August .....	4.50	2.54	5.71	1.35	1.64	3.98	2.31	8.00	2.56	2.60	15.47
September ..	.24	2.59	2.28	1.94	1.49	.48	2.79	1.16	8.03	1.17	13.15
October ...	4.33	4.63	3.17	2.99	2.49	1.64	7.35	4.96	3.32	4.66	20.29
November ...	3.70	5.51	2.61	3.13	6.07	2.74	4.96	2.37	2.38	4.19	13.90
December ...	4.56	6.39	4.06	1.92	9.26	6.37	2.64	1.97	5.71	5.65	15.97
TOTALS ...	38.47	35.21	44.57	37.52	38.98	39.30	41.32	33.46	41.13	38.46	154.37

N.B. 10yr. shed for previous decade is not to be found in book corresponding with this. (N.S. 31.744).

28.12.06. Inspection note by Dr. Hill :- Bin. new copper M.O. gauge set 1'1".

Nearly on top of flat hill in the enclosure of a small reservoir. No shelter, ground flat - possibly too great a sweep of wind. Same site as breezy bank. (Notes from note book in N.B. 259, how the gauge is directed)

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

RAINFALL at Masham Moor Towler HillCounty of N. B. YorkshireObserver E. S. Hengell Esq C.E.River Basin Cuse-Ure 1(1925) H. Shortreed Esq. C.E.VII. 23. { Cu Snowden Rain Gauge, by Casella  
excellent condition 1950Lead & W.Glass correct.

Diameter ...	8											
Height .....	0	9										
Altitude ...	820											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 <del>W. H. H.</del>	1920-30 Totals
January ...	5.18	6.61	5.19	2.57	3.48	4.99	5.47	3.95	7.71	1.70	6.24	53.09
February ...	2.66	1.14	3.76	7.23	1.84	5.40	2.83	1.95	5.72	1.27	1.71	31.51
March .....	4.15	2.48	2.99	1.70	1.67	1.11	1.30	2.72	5.21	1.27	3.01	24.61
April .....	6.28	1.48	3.57	2.98	1.90	4.09	1.53	2.85	6.7	1.27	3.88	30.50
May .....	3.90	1.82	1.06	2.87	6.01	4.48	2.48	1.97	2.57	2.20	1.10	30.46
June .....	1.10	5.0	1.87	1.88	1.53	1.3	4.21	3.27	4.45	1.34	2.11	21.45
July .....	6.29	3.37	6.34	3.08	5.90	1.59	3.13	5.57	1.80	2.70	6.14	44.91
August .....	1.44	4.17	4.14	4.52	3.08	2.72	3.43	8.92	5.05	2.87	3.66	44.70
September...	1.07	1.77	4.91	3.47	4.25	2.44	2.87	4.66	4.7	1.17	4.70	31.78
October .....	3.84	1.66	1.39	3.71	4.24	3.84	3.50	4.69	5.85	3.88	3.57	40.27
November...	2.62	2.54	1.30	5.87	2.74	1.83	8.17	3.86	5.05	4.97	4.81	43.76
December...	4.37	5.48	5.21	3.30	5.45	5.94	1.18	3.21	2.03	3.79	3.88	48.54
TOTALS...	42.90	32.78	41.73	42.18	41.09	38.56	40.10	47.62	41.68	32.43	44.81	445.88

Inspected 7.5.4. VII. 23. S. situated in enclosure near small reservoir near summit of hill. The reservoir was within 2 yds to the E where followed by about 6 ft. slightly better position obtained by shifting 6 yds S to be further from the a better overexposed.

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 (Towler Hill)County of North RidingObserver H. Shortreed, Esq. S.F.River Basin Ouse - Ure - L.K.L. Farnker Esq., C.E. (1929)

Type of Gauge

Annual Average 36.7 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. 5

780902/27

Diameter	8.										
Height	0.9.										
Altitude	820.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals
January	2.88	2.88	3.17	3.57	1.92	5.49	5.07	6.04	7.22	2.61	40.85
February	3.11	.59	5.30	32	6.23	3.86	5.35	1.94	2.75	2.83	32.28
March	.71	2.16	2.24	3.80	1.14	2.65	4.55	.41	3.18	2.02	22.86
April	4.08	3.36	1.30	4.08	3.28	1.70	3.97	.20	1.39	2.40	25.76
May	3.75	5.76	3.69	2.50	1.13	2.28	3.09	3.23	1.31	1.93	28.67
June	5.64	2.39	1.27	1.88	3.56	6.32	1.76	2.16	2.46	.34	28.78
July	2.85	3.52	3.52	.98	.38	3.29	2.67	4.20	3.27	4.20	28.88
August	4.03	1.78	.42	2.86	1.72	2.11	1.55	4.53	2.67	.49	22.16
September	3.92	2.35	2.19	2.61	6.57	2.36	1.52	2.06	1.33	2.14	27.05
October	1.25	4.82	3.49	5.07	6.25	2.91	3.04	7.99	3.92	4.57	43.31
November	4.92	2.75	3.91	2.89	7.13	3.87	2.15	5.72	4.47	5.64	43.45
December	1.83	2.09	.76	6.63	2.85	4.46	3.93	5.40	2.26	3.22	33.43
TOTALS	38.97	34.45	31.26	37.19	42.16	41.30	38.65	44.88	36.23	32.39	377.48

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, EXHIBITION ROAD, LONDON, S.W.7.



Station No. T.F. 3413

RAINFALL at Marsham Moor (Tangle Hill)

41

County of North Riding Observer K. L. Foster Esq. C.E.River Basin Ouse - Wre

Type of Gauge

Annual Average 34.7 in. based on 17 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5File No. 782922/27

Diameter	8"		0.49	2.14							
Height	0' 9"			1							
Altitude	820'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50
January	4.36	4.22	6.10	3.59	4.20	3.78	3.52	8.71	1.40	1.89	41.72
February	4.26	2.09	2.46	1.95	4.05	3.00	4.35	2.38	2.71	5.96	36.21
March	4.01	3.25	1.53	.42	1.02	1.56	6.21	2.62	1.19	1.62	23.43
April	2.82	1.91	1.88	2.63	2.03	2.17	5.99	2.90	3.67	3.09	29.09
May	2.13	3.20	3.63	1.18	3.69	3.70	2.67	1.57	1.28	1.86	24.91
June	.83	1.25	2.59	2.17	3.08	2.57	3.74	4.20	.67	1.17	22.27
July	1.30	2.78	1.42	2.70	2.49	2.94	2.33	.92	2.08	2.95	21.91
August	2.53	3.40	3.92	1.75	4.44	6.31	.99	4.78	2.68	5.40	36.67
September	.35	1.90	5.57	6.18	2.17	6.28	2.26	2.75	2.14	4.32	33.92
October	4.82	2.87	2.34	4.64	6.43	2.11	1.46	1.05	4.43	2.02	32.17
November	4.27	1.59	2.48	7.50	1.06	7.33	3.28	1.20	5.50	5.60	40.81
December	1.95	3.61	2.44	3.81	2.61	3.63	3.22	4.68	5.74	1.81	33.50
TOTALS	36.63	32.07	36.36	38.52	37.27	46.43	40.42	37.76	33.46	37.69	376.61

1948. High? use 1947.

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. 3413 <sup>TS</sup> 41RAINFALL at 8 Maslam Moor (Towler Hill)

51

County of North Riding - Yorks.Observer H. L. Starmer Esq. C.E.River Basin Dons - No. 1Type of Gauge M.O.Annual Average 36.7 in. based on 17 years obs. un-weighted.  
38.70 " " 35 " " 1916-1950Period of average 1881-1915 Ref. S  
1916-1950, P 782 962/27  
File No. 23380/58

Diameter ...	8"		5"	049	214							
Height ...	0'9"				1			1'0"				
Altitude ...	820'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.22	3.12	.71	2.96	2.87	4.77	4.23	4.26	3.78	5.86	35.78	
February ...	4.55	.56	3.14	3.40	2.28	2.57	3.68	6.60	'12	4.58	31.48	
March ...	4.69	2.23	.46	2.73	2.55	1.53	2.08	2.79	2.37	3.27	24.70	
April ...	2.23	1.75	3.04	.67	.82	2.10	.33	.99	4.17	1.94	18.04	
May ...	8.26	1.96	2.88	4.75	3.47	.68	1.88	5.31	1.14	1.44	31.76	
June ...	1.19	1.01	3.86	2.10	2.59	3.26	1.52	3.78	1.71	0.95	21.97	
July ...	1.35	1.17	3.49	2.33	1.04	5.64	4.00	2.91	1.81	4.50	28.24	
August ...	5.55	3.56	3.40	6.83	1.62	7.91	6.76	3.42	.84	3.26	43.15	
September ...	1.81	4.72	2.91	3.43	1.54	4.44	4.12	3.37	.16	3.71	30.21	
October ...	1.65	4.57	2.31	6.92	2.31	2.18	3.72	2.97	4.17	7.97	38.77	
November ...	9.96	2.66	2.78	8.16	2.54	.89	2.51	.94	5.99	6.48	42.91	
December ...	5.77	2.68	2.21	3.75	4.90	4.40	3.79	5.10	8.83	5.09	46.52	
TOTALS ...	50.23	29.98	31.19	42.03	28.53	40.37	38.62	42.44	35.09	49.05	393.53	

July II 1958 J.B.O.K. Over exposed all directions. Turf well grown.

8 Turf well

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 96144.798

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 - accepted

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