

# RAINFALL AT Meltham <sup>Old Gauge</sup> Starewood 80

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

Lon. \_\_\_\_\_

 County of York

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

 Observer C. L. Brook, Esq.

 Base. Aire + balance 8 Old Gauge

Diameter ....		8										
Height .....		4.8						4.10				
Altitude ....		514L										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	Sum
January ....		4.6	5.33	7.09	7.21	2.85	5.51	1.95	1.46	2.12		33.9
February ....		5.00	3.36	2.96	3.39	4.91	.69	.96	1.36	2.47		25.10
March .....		5.32	3.15	1.34	2.10	2.55	3.89	2.40	3.96	3.26		27.9
April .....		.99	4.97	2.65	2.00	1.97	3.63	1.25	2.89	3.66		24.0
May .....		2.77	1.53	1.23	2.20	2.20	6.04	2.34	1.08	2.88		22.2
June .....		1.80	5.57	5.51	.88	4.44	1.35	.37	3.20	.69		23.5
July .....		1.95	4.12	3.32	3.53	1.35	4.38	1.62	6.82	2.71		29.8
August .....		5.04	2.26	2.77	1.46	1.35	1.65	1.75	2.94	4.28		23.5
September ....		2.45	2.59	6.01	2.11	4.59	2.56	3.24	.83	2.59		26.9
October .....		5.20	4.06	5.65	1.96	6.99	5.07	3.52	1.87	5.96		40.2
November ....		4.82	6.49	4.78	1.76	2.53	2.33	2.19	9.37	1.57		35.8
December ....		4.45	5.86	2.83	5.56	1.69	7.54	2.59	2.90	2.77		36.10
TOTALS ....		40.25	49.29	46.14	34.16	37.12	44.64	24.18	38.68	34.96		349.2

1881. Meltham Mills 100 yards S.W.

Tree 21 ft high 96 ft E

Spire of Church 9 ft. 300 ft SW.

27577

Rejected from survey. 3" low.

# RAINFALL AT Meltham Harwood Lodge

New Gauge

80

Lat. ....

Lon. ....

County of York

Snowdon Rain Gauge, by

Observer

C. L. Brook Esq.

Cause - Air + balder 8 New Gauge

Diameter ....									8		
Height .....									1. 0		
Altitude ....									510		
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....				33.70					1.62	2.64	3796
February ....				23.60					1.51	3.13	2824
March .....				23.00					4.40	3.82	31.22
April .....				19.40					3.21	3.95	2656
May .....				20.30					1.20	2.99	2449
June .....				21.80					3.55	.71	2606
July .....				22.50					7.57	2.89	3296
August .....				18.10					3.26	4.65	2601
September....				26.20					.92	3.02	3014
October ....				36.00					2.08	6.50	4458
November....				27.60					11.11	1.82	4053
December ....				33.90					3.19	3.22	4631
TOTALS ....				306.10					43.62	39.34	38906

1881 - Oct 1888 computed from old gauge  
values increased by 11 per cent.

(See also g. file for Meltham)

17038.

# RAINFALL AT *Meltham Harwood Lodge*

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

Lon. \_\_\_\_\_

County of \_\_\_\_\_

*York W.L.*

Use. *Aire & Calder 8*

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

Observer \_\_\_\_\_

*C.L. Brook Esq.*

*Old Gauge*

Diameter ....	8										
Height .....	4 10										
Altitude ....	5 14 L										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.36										
February ....	.89										
March .....	3.02										
April .....	1.79										
May .....	3.39										
June .....	2.42										
July .....	2.39										
August .....	4.67										
September ....	1.12										
October .....	2.03										
November ....	5.42										
December ....	.72										
TOTALS . . .	34.22										

*Rejected from survey. 3rd low.*



# RAINFALL AT *Meltham Harewood Lodge*

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

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

County of *York WTR*

Case- *Quin & Collier's*

*Smarden*

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

Observer *Ch. Brook Esq*

*New Gauge*

Diameter ....	8												
Height .....	10												
Altitude ....	510 L			514 L									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	Sum	
January ....	7.22	4.19	4.39	1.51	6.11	4.80	1.98	2.51	3.05	9.10	11.516	45.16	
February ....	1.01	.26	3.98	7.08	9.02	.90	1.87	4.45	5.29	2.43	3.629		
March .....	3.87	3.00	1.60	1.01	5.25	3.84	6.86	5.62	2.01	3.11	2.617		
April .....	2.02	2.37	1.68	.95	3.15	2.89	1.99	4.03	3.66	3.22	2.596		
May .....	3.54	3.96	4.67	2.30	2.41	1.14	.55	1.53	3.72	3.21	2.703		
June .....	2.63	2.27	3.85	1.90	3.78	3.78	3.98	4.31	2.99	1.79	3.128		
July .....	2.74	2.70	3.13	3.43	3.63	7.65	1.91	1.44	1.30	1.41	2.934		
August .....	4.96	7.40	4.19	2.60	3.69	3.07	1.96	3.49	5.44	2.17	3.897		
September....	1.31	3.71	3.63	3.30	.99	1.07	8.68	3.65	.51	6.81	3.366		
October .....	2.62	7.53	8.22	2.92	7.03	4.99	6.08	2.14	5.84	5.03	5.240		
November....	6.42	4.09	3.14	3.61	3.28	4.68	1.88	5.89	3.95	2.08	3.902		
December ....	.82	10.59	2.00	5.89	4.33	6.08	5.83	5.73	6.64	3.70	5.161		
TOTALS . . .	39.16	52.07	44.48	36.50	52.67	44.89	43.57	45.09	44.40	44.06	44.689	446.89	

*Revised from original*

# RAINFALL AT Meltham Harwood Lodge

Lat. ....

Lon. ....

County of York W.R. Central

Snyder Rain Gauge, by N.Y. 3

Observer C. L. Brook Esq

Use - Air-galder 8

Diameter ..	8											
Height ....	1 0											
Altitude ..	514 L											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	7.00	2.90	4.16	5.90	6.28	2.69	6.57	2.27	3.94	3.38	4.509	
February ..	5.69	1.74	1.20	5.95	6.91	3.22	4.88	3.74	4.23	3.18	4.074	
March ....	1.26	4.86	2.59	7.89	2.95	5.00	4.38	3.94	4.43	3.80	4.110	
April .....	3.08	2.49	2.46	2.67	3.55	3.35	1.69	2.59	2.42	3.79	2.809	
May .....	1.78	1.54	3.25	4.41	3.84	.60	3.48	5.21	2.48	2.13	2.872	
June .....	3.34	1.40	1.80	1.49	1.03	3.06	2.13	5.67	2.17	3.45	2.554	
July .....	3.41	3.77	2.50	3.60	3.70	2.80	2.33	2.22	3.57	5.48	3.338	
August ....	6.41	1.53	3.64	5.15	4.89	4.79	2.67	2.92	3.71	2.88	3.859	
September ..	1.03	.71	3.07	5.37	1.34	2.89	1.24	.81	3.32	3.20	2.298	
October ....	5.98	3.08	5.38	10.44	1.40	3.66	6.87	7.66	1.89	5.64	5.200	
November ..	3.22	6.65	2.67	3.25	3.66	5.76	5.26	3.74	2.69	1.84	3.874	
December ..	6.50	7.58	5.55	3.16	2.95	1.22	4.06	4.93	2.70	8.24	4.689	
TOTALS ..	48.70	38.25	38.27	59.28	42.50	39.04	45.56	45.70	37.55	47.01	44.186	

1906 Meltham Mills Church 100 yards 5.55  
 .. Station 1/3 mile W

H. 186

RAINFALL at *Meltham Harwood Lodge*County of *W Yorkshre*Observer *C. L. Brook Esq*River Basin *Once-Ains. Calder* 8Snowdon Rain Gauge, by *H & Z*

Diameter ...	8										
Height .....	10										
Altitude ...	514 L										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.33	2.95	5.36	4.85	4.04	7.93	4.98	3.09	4.25	6.42	
February ...	5.64	6.11	2.07	1.79	3.89	7.29	8.19	.63	7.91	2.01	
March .....	.89	2.83	5.00	7.99	5.64	1.26	5.76	3.74	1.79	7.41	
April .....	4.06	2.86	1.48	5.09	1.71	2.08	3.20	3.59	1.35	2.23	
May .....	4.27	2.12	3.95	3.04	2.20	2.11	2.51	2.65	3.27	1.97	
June .....	3.86	3.80	4.35	2.53	3.07	1.15	3.28	2.01	1.77	1.34	
July .....	3.07	.45	4.99	1.32	3.54	4.05	2.10	1.46	3.30	3.18	
August .....	5.61	3.16	6.92	1.41	2.20	4.79	3.44	6.52	2.04	3.59	
September ...	.29	3.33	2.25	2.14	2.71	.61	2.23	1.97	13.83	2.00	
October ...	3.53	4.03	4.27	3.28	2.56	1.85	7.83	7.97	3.16	3.30	
November ...	5.26	5.96	4.30	4.97	6.81	3.03	5.42	5.10	2.47	4.06	
December ...	5.74	6.96	7.25	4.47	9.25	9.63	3.71	3.00	8.62	7.47	
TOTALS ...	48.55	44.46	52.19	42.88	47.65	45.79	52.65	41.73	53.75	44.98	
	D	D	D	D	D	D	D	D	D	D	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.26 N	1.50 W	Meltham	1/2 m	W	St James	100 yds	SSW



RAINFALL at Meltham Harewood LodgeCounty of N. YorksObserver C. S. Brooke Esq.River Basin Guse-Aire-BaldersInstrument Rain Gauge, by N. G.  
No. 127

Diameter ...	8										
Height .....	10										
Altitude ...	514										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	6.20	7.79	4.92	4.40	3.96	6.08	5.24	4.89	12.48	1.63	8.04
February ...	5.57	4.40	5.36	7.45	1.99	7.60	3.91	1.34	7.02	.43	1.01
March .....	3.88	4.35	3.93	2.77	1.35	2.12	2.37	5.69	5.25	.99	4.13
April .....	7.10	1.56	4.08	3.49	2.48	3.88	2.97	4.40	1.89	1.69	3.30
May .....	5.11	2.11	1.60	5.29	6.01	4.61	3.76	1.24	1.89	3.73	2.05
June .....	3.59	.53	2.67	.97	2.12	.02	2.78	3.81	4.94	1.32	2.85
July .....	8.04	1.54	4.86	4.73	3.58	1.11	3.17	2.82	1.32	2.66	7.00
August .....	2.11	5.52	6.78	4.65	4.38	3.76	3.92	5.17	4.32	3.88	4.63
September...	1.66	1.22	4.32	3.90	5.00	3.43	2.64	5.80	0.39	1.52	5.70
October .....	2.11	2.59	1.29	5.04	5.63	5.37	4.47	4.93	5.19	5.21	6.16
November...	2.63	2.37	3.05	8.63	2.66	2.68	5.37	5.60	7.94	9.65	5.81
December...	4.93	8.31	6.16	3.70	6.81	5.61	2.27	2.18	5.37	11.18	3.57
TOTALS...	52.93	87.99	49.02	55.02	45.97	46.27	42.87	47.87	53.70	43.89	54.25
	D	2	D	D	D	D	D	D	D	D	D

Position of Station on reduced Ordnance Survey }  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 36'	1° 50'	Meltham	1/3 mi	W	St. James	100 yds	SSW

T. 12/39.

31

RAINFALL at Meltham (Harewood Lodge)

M.W.R.

County of West RidingObserver C. L. Brook, Esq.United Thread Mills Ltd.River Basin Ouse-Aire-Calder-8Type of Gauge M.O.Annual Average 44.5 in. based on 35 years obs. un-weighted. Period of average 1981-1915 Ref. Av. Work Sheet

87479628

Diameter	4.											
Height	1.0.											
Altitude	514.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.62	6.22	4.55	4.70	2.60	5.37	6.14	7.28	7.06			
February	6.77	.55	6.89	.31	7.36	3.41	7.70	2.12	4.57			
March	.49	3.34	3.23	4.42	2.32	3.57	4.16	1.22	4.00			
April	4.89	4.82	1.14	3.00	4.05	2.05	2.26	.61	2.59			
May	3.26	5.79	1.92	3.20	.69	1.51	2.80	4.47	1.75			
June	5.38	.49	2.55	2.25	3.70	5.14	1.87	4.31	3.13			
July	4.10	3.78	3.38	3.13	1.79	3.67	2.76	4.10	7.09			
August	6.03	2.69	1.89	2.59	2.31	1.57	1.85	4.52	1.90			
September	4.84	4.05	2.71	2.30	7.06	5.57	1.70	2.15	.59			
October	2.29	6.82	5.05	5.35	12.42	5.49	2.96	11.58	3.47			
November	6.64	3.98	1.80	2.34	8.31	7.29	2.60	6.37	(9.00)			
December	2.62	2.04	0.66	5.29	3.56	5.15	2.55	4.59	(4.00)			
TOTALS	52.93	44.57	35.77	38.88	56.17	49.79	39.35	53.32	(49.15)			

A check with the weather in the neighbourhood of A. Broadhead  
(Feb 7 1935) may be a mistake

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
1935			Meltham			Meltham		