

RAINFALL AT *Meltham Royd Edge*

Lat. _____

Lon. _____

County of *York W.R.*

Rain Gauge, by _____

Observer *C. L. Brook Esq.*

Use. *Aire & Calder 8*

Diameter	8										
Height	10										
Altitude	585T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.10	4.86	1.82	6.50	5.38	2.27	3.54	3.80	10.10		
February38	4.53	8.51	9.99	1.02	1.97	4.86	6.08	2.57		
March	3.48	1.94	1.21	5.76	4.42	7.58	6.38	2.40	3.63		
April	2.81	1.84	1.01	3.13	3.11	2.00	4.67	3.91	3.76		
May	4.23	5.31	2.45	2.63	1.05	.60	1.79	4.16	3.20		
June	2.47	4.18	2.12	4.30	2.98	4.26	4.73	3.13	1.88		
July	3.02	3.51	4.74	3.71	7.49	2.12	1.96	1.27	1.68		
August	8.57	4.75	3.07	4.43	3.56	2.16	3.90	6.45	2.47		
September....	4.25	4.38	3.97	1.16	1.29	9.18	4.07	.60	7.34		
October	8.38	8.74	3.32	7.23	5.56	6.94	2.37	6.17	5.25		
November....	4.75	3.71	4.21	3.78	5.00	1.95	6.26	3.95	2.17		
December	12.03	2.52	6.50	4.90	6.36	6.52	6.50	7.05	4.20		
TOTALS	59.47	50.27	42.94	57.52	47.22	47.55	51.03	48.97	48.25		

1891 *Meltham Church* 800 yards N.N.W.
House 35 ft high 81 ft S.S.W.

RAINFALL AT *Meltham Road Edge*

Lat.

Lon.

County of *York W.R. Central*

Flanigan Rain Gauge, by *N+Z*

Observer *C.L. Brook Esq*

Onse. Ave + balder 8

Diameter ..	8											
Height	1.0											
Altitude ..	585 T											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	7.66	3.42	4.56	6.53	6.53	3.14	7.46	2.67	4.46	4.06	5.049	
February ..	6.37	1.94	1.43	6.55	7.42	3.53	5.86	4.33	4.88	3.93	4.624	
March	1.34	5.68	3.10	8.86	3.71	5.75	5.11	4.90	5.16	4.36	4.797	
April	3.53	2.81	2.89	3.00	4.11	3.99	2.10	3.41	2.79	4.52	3.315	
May	1.96	1.78	3.74	4.74	4.04	.79	4.06	5.86	2.97	2.33	3.227	
June	4.05	1.85	1.75	1.63	1.28	3.39	2.55	6.73	2.67	3.74	2.964	
July	3.87	4.05	2.68	3.65	3.36	2.70	2.94	2.42	4.53	6.37	3.657	
August	6.94	1.76	4.14	5.87	5.19	5.29	3.17	4.00	4.06	3.43	4.385	
September ..	1.32	.77	3.33	6.00	1.80	3.14	1.65	1.06	4.01	3.25	2.633	
October	6.72	3.37	5.96	11.66	1.63	4.24	7.80	8.68	2.20	6.74	5.900	
November ..	4.06	7.41	2.90	3.83	4.26	6.44	6.33	4.58	3.07	2.30	4.578	
December ..	7.28	9.64	5.98	3.58	4.10	1.47	4.78	5.62	3.24	9.02	5.471	
TOTALS ..	55.10	44.48	42.46	65.90	47.43	43.87	53.81	54.26	44.04	54.05	50.540	

1906 Meltham Church 1/2 mile N
Station 1/2 " N

Huk

RAINFALL at Meltham Foyd EdgeCounty of W. Yorksh.Observer Ch. Brook EsqRiver Basin Grass. And. Calder &Old Flaeshui Rain Gauge, by N+J

Diameter ...	8										
Height	1 0										
Altitude ...	585T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	7.91	3.56	6.21	5.47	4.74	9.36	5.81	3.89			
February ...	6.56	6.87	2.35	2.04	4.29	8.42	9.22	7.0			
March	1.11	3.28	5.71	8.70	6.78	1.59	6.16	3.86			
April	4.87	3.45	1.68	5.64	1.84	2.40	3.61	3.88			
May	4.99	2.52	4.31	3.39	2.74	2.14	2.72	2.81			
June	4.41	4.11	5.00	3.12	3.44	1.07	3.67	2.00			
July	3.70	.46	5.75	1.43	4.01	4.26	2.35	1.66			
August	6.68	4.07	7.82	1.77	2.80	5.13	3.17	6.65			
September ..	.35	3.58	2.57	2.27	3.16	.48	2.59	2.46			
October ...	3.87	4.30	4.91	3.67	2.90	1.95	8.88	8.43			
November ...	6.08	6.46	4.92	5.74	7.82	3.19	5.80	5.46			
December ...	6.51	8.03	8.20	5.13	10.59	10.53	4.08	3.46			
TOTALS ...	57.04	50.69	59.43	48.37	55.21	50.62	58.06	44.76			

1910 this gauge 30 years old a new one placed by its side on Jan 1

See next page.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Meltham	1/2 m	N	Meltham	1/2 m	N

RAINFALL at Meltham Road EdgeCounty of W YorkshreObserver C. L. Brook EsqRiver Basin Que-Aine-Calden 8M.O. halton Rain Gauge, by N 43

Diameter ...	8										
Height	1 0										
Altitude ...	585 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	7.17	3.47	6.11	5.38	4.71	9.23	5.66	3.39	4.67	7.39	
February ...	6.12	6.75	2.32	2.00	4.32	8.32	9.06	.70	8.80	2.14	
March	1.03	3.21	5.64	8.58	6.64	1.60	6.13	3.86	1.97	8.36	
April	4.62	3.40	1.69	5.54	1.79	2.39	3.59	3.88	1.53	2.40	
May	4.76	2.52	4.26	3.34	2.72	2.15	2.71	2.81	3.24	2.17	
June	4.12	4.03	4.95	3.09	3.40	1.06	3.56	2.00	2.12	1.58	
July	3.59	.47	5.68	1.42	3.97	4.30	2.31	1.66	3.89	3.24	
August	6.50	4.00	7.74	1.75	2.73	5.08	3.12	6.65	2.16	3.75	
September ..	.31	3.52	2.53	2.25	3.10	.47	2.54	2.46	14.40	2.33	
October ...	3.77	4.24	4.85	3.61	2.87	1.92	8.48	8.43	3.44	3.45	
November ..	5.86	6.43	4.89	5.63	7.74	3.21	5.67	5.46	2.71	4.39	
December ...	6.33	7.94	3.11	5.05	10.44	10.36	3.98	3.46	9.66	8.91	
TOTALS ...	54.18	49.98	58.77	47.64	54.43	50.09	56.81	44.76	58.59	50.11	

1910 from New Gauge placed 2 ft from original

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.35	10.5049	Meltham	1/2 m	N	Meltham	1/2 m	N

RAINFALL at Meltham Rye EdgeCounty of N. YorksObserver C. L. Brooks EsqRiver Basin Cuse. Area Calder 8M. C. Butler Rain Gauge, by Me. G.

(1929) Snowden

Diameter ...	9										
Height	1 0										
Altitude ...	585										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean
January ...	6.90	8.59	5.09	4.76	4.29	6.46	5.70	5.52	12.92	1.73	8.58
February ...	6.34	4.5	6.14	8.11	2.21	8.28	4.24	1.42	7.13	.51	.97
March	4.32	5.04	4.23	2.94	1.63	2.12	2.44	6.53	3.28	1.21	4.12
April	7.67	1.72	4.32	3.84	2.72	3.89	2.93	4.55	1.63	1.52	3.39
May	5.55	2.32	1.49	5.84	6.41	4.32	4.22	1.39	1.90	3.91	2.36
June	3.37	.31	2.99	1.03	2.33	.02	2.98	4.19	5.43	1.39	3.17
July	8.53	1.87	5.19	5.19	3.56	1.28	3.18	3.03	1.65	2.51	7.33
August	2.70	6.25	6.77	5.10	4.66	4.52	4.23	5.59	4.52	4.22	4.46
September...	1.85	1.29	4.70	4.23	5.23	3.71	2.86	6.46	0.42	1.77	5.36
October	2.23	2.80	1.30	5.58	6.04	5.72	4.85	5.60	5.87	5.51	6.53
November...	2.79	2.73	3.32	9.62	2.85	2.86	5.83	6.15	8.80	10.17	6.34
December...	5.30	8.52	6.81	4.04	6.63	5.89	2.49	2.11	4.02	11.63	3.75
TOTALS...	57.45	41.59	52.35	60.28	48.58	49.07	45.95	52.54	57.57	46.08	56.36

1924. Feb. adjusted for snow.

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
	53° 35' 10"	1° 50' 49"	Meltham	1/2 mi	N	Meltham	1/3 mi	N

RAINFALL at Meltham (Royd Edge)

United Thread Mills Ltd.

County of West RidingObserver C. L. Brook, Esq.date May 29River Basin Ouse-Aire-Calder-8Type of Gauge Snowdonno. 1054Annual Average 45.3 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. S

874 796/28

Diameter	8										
Height	1.0								1 3/8		
Altitude	585.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.98	6.39	4.72	5.14	2.61	5.62	6.61	8.02	7.25	2.81	
February	7.25	.54	6.87	.32	8.01	3.58	7.79	2.46	5.34	4.14	
March	.66	3.66	3.47	4.59	2.52	3.88	3.89	1.54	4.18	4.23	
April	4.97	5.31	1.34	3.08	4.53	2.17	2.34	.68	2.88	3.66	
May	3.41	6.04	1.81	3.54	.81	1.57	2.92	4.58	1.79	.86	
June	5.61	.52	2.78	2.10	3.91	4.87	1.95	4.73	3.64	.90	
July	4.49	4.90	3.89	3.43	2.10	3.87	2.99	4.58	7.74	3.82	
August	6.32	2.67	2.42	2.74	2.19	1.90	1.53	4.86	2.46	2.28	
September	4.81	4.71	2.73	2.69	7.72	3.96	1.88	2.29	1.39	4.52	
October	2.58	7.89	5.46	5.98	12.96	5.80	3.05	12.94	3.32	5.65	
November	7.09	4.41	1.92	2.71	8.44	7.70	2.73	6.77	8.98	9.76	
December	2.57	2.17	0.64	5.31	3.81	5.44	2.86	4.68	4.63	4.66	
TOTALS	55.74	49.11	38.05	41.63	59.61	52.36	40.54	58.13	53.30	47.29	53.3
											495.76

1940. Block of 3 houses, 30' high; 50 yds S.

49.58

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
			Meltham	3/4 m.	N.	Meltham	3/4 m.	N.

Station No. 3193

RAINFALL at Meltham (Rosed Edge)

41

County of West RidingObserver United Thread Mills Ltd.River Basin Duise - Aire Calder - 8Type of Gauge SnowdonAnnual Average 48.3 in. based on 20 years obs. un-weighted. Period of average 1881 - 1915 Ref. SFile No. 87479618

Diameter	8"			0.78	936							
Height	1' 3 1/2"				1							
Altitude	585				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.65	5.37	7.05	9.22	5.79	7.78	4.81	12.34	2.82	8.69		
February	6.64	1.50	4.35	2.55	7.04	8.45	2.89	4.55	3.81	8.53		
March	6.45	3.32	2.32	.62	1.67	2.63	9.35	2.12	1.59	2.92		
April	2.90	3.15	3.21	3.73	3.07	2.21	5.56	3.63	4.72	5.64		
May	2.80	4.02	3.82	5.22	4.02	2.13	3.66	1.98	2.91	3.08		
June	1.06	1.50	3.16	2.73	5.73	3.66	3.74	5.01	.62	1.63		
July	1.62	3.93	2.95	2.67	2.13	4.58	2.02	1.92	3.66	3.28		
August	7.36	5.69	5.24	5.33	3.74	5.37	.27	4.74	3.16	5.15		
September	.67	3.40	4.44	5.35	3.31	7.04	2.66	2.44	1.41	7.35		
October	5.95	6.51	2.24	4.81	8.07	1.62	1.16	2.72	5.04	2.78		
November	3.89	1.72	4.26	9.17	.72	10.02	7.68	2.36	7.73	7.06		
December	3.06	4.65	3.11	6.12	3.30	5.27	5.54	5.90	10.60	3.81		
TOTALS	46.05	44.76	46.15	58.12	48.59	60.76	49.34	49.71	48.10	54.82		

1941. Block of 3 dwelling houses 30' high 50° S. Tree 30' high 12° N.

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.
1941			Meltham	3/4 m	N.	Meltham	3/4 m	N.

BRITISH RAINFALL ORGANIZATION

Station No. 3493 T.D. 10.24RAINFALL at Meltham (Roya Edge)

51

County of West Riding - Yorks.Observer United Thread Mills Ltd.River Basin Ouse - Aire - Gleda - 8Type of Gauge SnowdonAnnual Average 48.3 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. 5File No. 874796/28

Diameter ...	8"		078 986								
Height ...	1' 3 1/2"	1' 3"	1								
Altitude ...	585'		51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.11	7.10	2.22	4.67							
February ...	5.62	2.08	2.49	4.55							
March ...	7.07	2.50	3.69	3.90							
April ...	4.03	4.14	3.57	.92							
May ...	4.32	1.93	2.64	3.16							
June ...	1.35	3.67	3.45	2.78							
July ...	3.47	2.28	5.69	4.37							
August ...	7.22	4.49	4.85	6.12							
September ...	2.44	4.66	3.26	5.67							
October ...	1.17	6.95	2.39								
November ...	11.86	2.68	4.97								
December ...	10.27	4.99	2.23								
TOTALS ...	64.93	47.47	41.45								
	d	d	d	np							

1951. Tree 35-45' high 12xN. 3-hours 30' SWS.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SE(44)099099

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Meltham	3/4m	N.	Meltham	3/4m	N.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19 <u>193</u>	1920-30 <u>13</u>	1931-40 <u>13</u>	1941-50 <u>13</u>	1951-60
	✓	✓	✓	✓	
	-	-	✓ but - 31-38	✓ but d +1	