

RAINFALL AT Meltham Royd Edge

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

C. Brook Esq.

One: One & older 8

Diameter	8										
Height	10										
Altitude	585T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.10	4.86	1.83	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 Melkham Rye Edge

Lat.

Lon.

County of York W.R. Central

Plaisher

Rain Gauge, by N.Y.

Observer C. L. Brook Esq

Dise. Dune & boulder 8

Diameter ..	8										
Height ..	1.0										
Altitude ..	585 T										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
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	4.06	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	56.05	50.540

Hob

1906 Melkham Church 1/2 mile N
 Station 1/2 N

RAINFALL at Meltham Royal Edge

County of W.R. Yorkshire

Observer

Ch. Brook Esq.

River Basin Ouse - Aire - Calder &

Old - Flasher Rain Gauge, by N+3

Diameter ...	8										
Height	1 0										
Altitude ...	585†										
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	4.39	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	4.36	2.85	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 Rain Gauge 30 years old and replaced by its owner 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 Royd Edge

County of W.R. Yorkshire

Observer C. Brookley

River Basin Ouse-Aire-Calder 8

M.O. Station Rain Gauge, by N+3

Diameter ...	8										
Height	1 0										
Altitude ...	585T										
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	2.37	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	5.07	3.12	6.65	2.16	5.75	
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	8.11	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 Garage placed 2 ft from gauge

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.35	101.5049	Meltham	1 m	N	Meltham	1 s m	N

RAINFALL at Meltham Royd Edge

County of N.E. Yorkshire

Observer G. L. Brook Esq.

River Basin Ure-Aire-Calder S

M. C. Patten Rain Gauge, by N.Z.G.

(1929) Snowdon

Diameter ...	8										
Height	10										
Altitude ...	585										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Meaning
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	41.89	52.35	60.28	48.58	49.07	45.95	52.51	57.87	46.08	56.36

1924. Feb. adjusted for snow.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
	53°35'10"	1°30'49"	Meltham	1/2 mi	N	Meltham	1/3 mi

RAINFALL at Meltham (Royd Edge)

United Thread Mills Ltd.

County of West Riding, Observer C. L. Brook, Esq., ~~driving~~

River Basin Ouse-Aire-Calder-8.

Type of Gauge Snowdon ~~M.C. (1954)~~

Annual Average 45.3 in. based on 26 years obs. un-weighted. Period of average 1931-1945 Ref. S

874-716/28

Diameter	8.										
Height	1.0.										1.32
Altitude	585.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.98	6.89	4.72	5.14	2.61	5.62	6.61	8.02	7.25	2.81	
February	7.25	5.54	6.87	3.32	8.01	3.58	7.79	2.46	5.34	4.14	
March	6.6	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	2.16	2.28	
September	4.81	4.71	2.73	2.69	7.72	5.96	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	495.76

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

49.58

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

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 3193

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RAINFALL at Meltham (Royal Edge)

County of West Riding

Observer

United Thread Mills Ltd.

River Basin Ouse-Aire-Calder-8

Type of Gauge Snowdon

Annual Average 48.3 in. based on 20 years obs. un-weighted. Period of average 1881-1915. Ref S

File No. 874796/28

Diameter	8"	078	936								
Height	1' 34			1							
Altitude	585			41							625
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	8.59	
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	3.21	5.56	3.63	4.72	3.64	
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	3.86	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	5.95	3.31	7.04	2.66	2.44	1.11	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	84.82	

1941. Block of 3 dwelling houses 30° Right 50° S. Face 30° Right 12° N.

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

Station No. 3193 T.D. 10.54

51

RAINFALL at Meltham (Royal Edge)

County of West Riding - Yorks. Observer United Thread Mills Ltd.

River Basin Ouse - Aire - Calder - 8

Type of Gauge Snowdon

Annual Average 48.3 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. S

File 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	a	d	np							

1951. Tree 35-45' high 12' N. 3 hours 30' SEYS.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SE(44099099)

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19 (33)	1920-30 (33)	1931-40 (33)	1941-50 (33)	1951-60
	✓	✓	✓	✓ but -31-37	✓ but +41