

RAINFALL AT Meltham Brow Grains

80

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

C. L. Brook

Base - Ave + Sealeur 8.

Diameter										
Height						1.0				
Altitude						900				
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	MEANS.
January							4.66	2.07	1.34	2.60
February							1.55	1.28	.58	2.42
March							3.95	1.95	3.13	3.32
April							4.02	1.56	3.65	3.83
May							2.56	7.40	2.61	3.24
June							4.51	1.81	4.40	3.90
July							1.87	4.01	2.25	8.27
August							1.70	3.31	1.63	3.93
September.....							5.77	3.57	4.38	1.65
October							7.52	6.25	3.83	2.29
November.....							2.97	2.51	2.58	9.56
December							1.96	7.84	3.31	3.45
TOTALS							50.96	27.85	43.02	41.90

RAINFALL AT Meltham Brow Grains

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

One - One + twelve 8

Observer

J. Stanhope Esq.

J. W. Schofield Esq.

Diameter	8											
Height	1.0											
Altitude	900											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.46	4.27	4.71	1.46	5.09	3.33	2.40	1.95	3.76	7.45	11.088	
February	.94	.78	2.62	7.03	9.80	.66	2.16	3.74	4.50	2.03	3.376	
March	4.50	3.00	1.09	1.39	5.35	4.24	6.89	4.96	1.82	3.07	3.631	
April	2.60	2.50	1.72	.87	3.24	3.01	1.77	3.86	3.27	3.63	2.647	
May	3.76	4.14	5.15	2.33	2.80	.88	.64	2.19	3.95	3.02	2.886	
June	3.38	2.43	4.17	2.35	4.28	3.68	3.66	3.40	3.08	1.88	3.221	
July	3.56	3.40	3.60	4.43	3.83	7.78	2.65	1.80	1.45	1.66	3.116	
August	5.73	8.88	4.92	2.87	4.94	3.68	2.25	3.75	6.17	3.39	11.658	
September	2.07	4.34	4.63	4.58	1.11	1.25	8.26	3.85	.62	7.86	3.859	
October	4.05	7.38	7.81	3.65	7.27	5.34	6.29	2.32	5.34	3.88	5.388	
November	7.02	4.50	3.91	4.44	4.05	4.48	1.60	5.57	3.01	1.81	4.039	
December	.55	10.97	2.73	6.42	4.17	5.58	5.83	5.09	6.82	3.25	5.141	
TOTALS	44.62	56.59	47.06	41.82	55.43	43.91	44.40	42.48	43.79	42.93	46.303	

RAINFALL AT Meltham Brown Grains

Lat.

Lon.

County of York W.R. Central

Rain Gauge, by

Observer, J.W. Chapman Esq.

Dose - Area 1/2 Acre 8

Diameter ..	8										
Height	10										
Altitude ..	900 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.78	2.81	4.25	5.50	5.08	2.55	6.30	2.04	3.86	3.66	4.883
February ..	4.02	1.72	1.14	5.31	5.88	3.18	4.24	3.26	4.00	3.87	3.662
March99	4.29	2.88	6.83	2.70	4.91	4.16	3.69	3.98	.78	3.521
April	2.75	2.67	2.32	3.01	3.78	3.35	1.87	2.94	2.21	3.28	2.818
May	1.73	1.49	3.56	4.26	3.07	.81	3.54	4.72	2.48	4.07	2.973
June	4.65	1.61	1.50	1.55	1.04	3.33	2.11	6.57	2.13	2.47	2.696
July	3.77	3.86	2.91	5.26	3.32	2.68	2.48	2.51	4.35	3.93	3.507
August	6.15	2.03	3.60	5.79	5.03	6.08	3.52	3.74	3.85	6.13	4.592
September ..	1.42	.81	2.92	5.68	1.69	3.36	1.59	1.00	3.32	4.37	2.616
October	6.18	3.54	5.22	10.26	1.62	3.99	6.98	7.62	1.92	4.56	5.189
November ..	3.46	6.89	2.40	3.34	3.39	5.57	4.90	3.74	2.73	3.29	3.971
December ..	6.29	5.95	4.33	2.75	3.52	1.29	3.76	4.68	2.80	8.81	4.368
TOTALS ..	48.19	37.67	37.03	59.54	40.12	41.10	45.45	46.51	37.63	48.72	44.106

Hud

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RAINFALL at Meltham Brow farm

County of W.R.Y. Yokohama

Observer

Observer J.W. Schofield by Edgar Jones Esq

River Basin Once-Anè-Calder

J.W. Armitage Esq C.E.

River Basin Once-Are-Calder 8

J.W. Armitage by C.R.

Copper painted Glass Plain Gauge, by No 2
from 7.26 7.26 7.26 7.26

Var: ^{↑ "fu}
-005 too low

left - 20
above - 20
C - 4

Diameter ...	8										
Height	10										
Altitude ...	900T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.22	5.60	4.51	4.37	3.07	7.60	5.14	2.87	3.63	5.48	1712
February ...	6.49	1.14	2.01	1.58	4.71	6.08	7.02	.57	7.60	1.55	1674
March	3.06	6.41	5.65	7.10	6.05	1.34	3.81	2.24	1.89	5.85	1379
April	1.26	.78	1.49	5.07	1.64	2.26	3.21	4.00	1.43	2.19	1083
May	5.73	4.34	4.05	3.29	2.40	2.12	2.82	2.35	3.79	2.41	1137
June	2.64	.30	4.99	2.85	3.24	1.28	3.61	2.01	2.07	1.71	940
July	5.05	4.14	5.93	1.34	3.43	4.26	2.33	1.79	4.23	3.29	1164
August	3.60	1.42	8.00	1.98	2.88	5.80	3.38	6.91	1.75	3.82	1581
September	5.31	4.86	2.07	2.00	2.94	.63	3.01	2.68	15.07	2.45	2321
October ...	1.58	3.15	4.04	3.10	2.59	1.89	8.65	8.58	3.39	3.59	2421
November ...	5.72	7.17	4.13	4.98	6.00	2.50	4.63	5.63	2.65	4.27	1718
December ...	3.25	4.25	6.05	3.81	8.09	9.42	3.56	2.89	9.19	7.97	2361
TOTALS ...	48.91	43.56	52.92	41.47	46.93	45.18	51.12	42.52	56.69	44.58	194.91

+ 28. I-15 C.S. In sq. iron railled enclosure. 4 ft. high 8 ft. sq. by stream which runs in gully 20 ft. below & 30 ft S. end rising slightly to N. Suggested removal about 120 yds. E level place 50 yds N of stream 4 ft. wall 50 ft N. a good site.

RAINFALL at Meltham Brow Grains

County of N. R. Yorkshire Observer J. W. Arncliffe Esq. C.E.

River Basin Base: Aire; Calder S

Standishfield W.M.

Copper painted Glass Rain Gauge, by N.Y.G.

Diameter ...	8										
Height	1	0									
Altitude ...	900										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean
January ...	3.43	9.35	3.08	5.43	3.67	5.99	4.79	4.88	10.68	1.40	6.70
February ...	6.24	6.63	6.04	7.23	1.70	8.00	4.36	1.37	6.52	6.4	9.97
March	4.05	3.59	3.89	2.94	1.37	2.08	2.14	5.82	2.61	1.03	2.97
April	7.23	1.72	4.50	3.52	2.34	3.48	2.89	4.83	1.43	1.76	3.08
May	5.69	2.46	1.60	5.59	6.61	4.24	4.64	1.49	2.15	3.55	2.45
June	3.24	3.4	3.27	1.09	2.29	0.02	3.17	3.99	5.32	1.48	3.41
July	8.53	1.93	4.23	5.40	4.22	1.93	3.48	2.91	1.81	1.19	7.90
August	3.04	6.62	6.06	4.94	4.35	4.51	4.55	5.85	4.92	5.33	4.93
September...	2.22	1.33	4.97	4.36	5.27	4.07	3.23	6.23	5.54	1.42	5.70
October....	1.88	2.99	1.32	5.35	6.21	5.98	4.23	4.79	5.26	6.29	6.60
November...	2.71	2.61	3.44	8.32	2.85	2.90	5.29	5.35	8.43	8.42	5.38
December...	4.98	5.76	4.29	4.08	5.71	4.20	2.48	1.60	J37	9.65	3.52
TOTALS...	53.14	41.91	46.69	58.47	46.59	47.40	44.79	49.11	53.04	42.16	53.61

8/28 Inspected by Mr. Collier see green file.

1930. 8. in 6ft. square iron hurdle fence left. high.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1927			Meltham			Meltham		

RAINFALL at Meltham (Brew Grains) *

County of West Riding. Observer J. W. Armitage, Esq., C.E.

River Basin Ouse - Aire - Calder - S. J. P. Beveridge, Esq., C.E. (1936)

Type of Gauge

Annual Average 45.2 in. based on 44 years obs. un-weighted. Period of average 1881-1915. Ref. S

660601/26

Diameter	8.										
Height	1.0.										
Altitude	900.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	6.23	5.77	4.84	4.31	2.43	4.62	6.56	8.08	6.00	(3.06)	5190
February	5.85	.51	6.04	2.0	6.99	3.55	7.02	2.89	5.51	(2.44)	4100
March	.80	3.48	3.80	4.29	2.48	4.27	3.31	1.80	4.02	3.84	3209
April	4.93	5.18	1.43	3.01	4.75	2.40	2.52	.74	3.25	3.48	3169
May	3.54	5.89	2.18	3.41	.89	1.65	2.81	5.32	1.97	.88	2854
June	6.33	.60	3.21	2.60	4.08	5.76	2.45	4.93	3.42	.89	3437
July	4.97	5.21	3.70	3.60	1.87	4.28	3.25	5.88	8.82	4.31	4589
August	7.11	2.56	2.29	3.09	2.27	2.14	1.65	5.66	2.40	2.99	3236
September	5.40	5.41	2.71	2.71	7.63	6.39	2.00	2.57	1.91	5.04	4777
October	2.79	7.79	5.30	5.57	13.10	6.18	3.22	12.65	3.48	5.70	6578
November	7.07	4.41	1.97	3.15	8.12	8.38	2.96	6.48	9.06	9.53	6113
December	2.42	2.81	0.66	6.77	3.59	4.92	2.61	4.97	4.34	4.89	3748
TOTALS	57.44	49.02	38.13	42.71	58.20	54.54	40.36	61.97	54.58	4705	56400

* Gauge in 6ft. square iron hurdle fence, 6ft. high. (B.R.) Deleted BR 1936.
 1940. Jan & Feb. apportioned & part estimated for snow.

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 from gauge	Parish Church.	Distance from gauge

Station No. 3192

RAINFALL at Meltham (Brow Crags)

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County of West Riding

Observer

T. P. Beweridge Esq. C.E.

River Basin Ouse - Aire - Calder - 8

Type of Gauge

Annual Average 45.0 in. based on 44 years obs. un-weighted. Period of average 1881 - 1915. Ref S

File No. 660601/26

Diameter	8"	073	949								
Height	1' 0"			1							
Altitude	900'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(3.6)	4.63	7.00	8.78	4.56	6.62	4.12	11.44	2.64	3.36	5682
February	6.95	1.18	4.48	2.64	6.28	7.90	1.69	4.16	3.85	7.05	4618
March	5.83	2.90	2.01	.55	1.57	1.88	8.53	2.18	1.65	2.74	2984
April	3.09	3.00	3.23	3.85	3.27	2.07	4.94	3.25	4.79	4.90	3639
May	3.22	4.37	3.65	4.92	4.23	2.01	3.53	2.19	2.82	2.92	3366
June	.79	1.45	3.38	3.29	6.51	3.78	4.30	4.82	.67	2.07	3106
July	1.66	4.61	3.12	2.92	2.26	5.48	2.33	2.26	3.79	3.43	3186
August	8.69	6.17	6.38	5.69	4.71	6.11	.28	5.20	3.29	6.08	5310
September	.59	3.59	4.83	6.18	3.82	7.07	2.73	2.68	1.14	7.08	3998
October	6.06	6.75	3.03	5.26	7.93	1.61	1.18	3.00	4.65	3.00	4247
November	4.05	1.87	4.87	8.95	.81	9.54	8.04	2.10	7.98	7.18	5534
December	3.36	3.89	3.19	5.73	3.63	4.51	5.32	5.24	9.69	3.05	4761
TOTALS	47.96	44.41	49.17	58.76	49.58	58.58	46.99	48.52	47.23	53.31	50451

1941. Jan. end for snow.

1944 Mar. big. etc.

40004

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 from gauge	Parish Church.	Distance from gauge

Station No. 3192

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RAINFALL at Meltham (Brown Grains) II

County of West Riding - Yorks Observer J. P. Beveridge Esq. C.E.

River Basin. Ouse - Aire Calder 8

Type of Gauge. British new H.O. I

Annual Average 45.0 in. based on 44 years obs. un-weighted. Period of average 1881-1915 Ref. S
1916-1950 File No. 260601/26 P

Diameter ...	8"		078	949								
Height ...	1' 0"			1							1' 2"	
Altitude ...	900'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total 100
January	5.41	6.11	2.22	4.51	3.24	5.82	4.60	5.65	5.74	7.10	50.40	
February	4.56	1.90	2.42	3.58	2.31	1.32	3.87	6.75	.51	5.97	33.19	
March	6.55	2.41	3.27	3.44	2.79	2.28	3.71	2.80	2.37	2.19	31.81	
April	3.63	4.12	4.31	.85	1.93	3.36	.60	1.72	5.63	3.09	29.44	
May	4.17	2.29	2.68	3.94	5.66	1.67	1.35	5.15	1.81	3.19	31.91	
June	1.35	3.55	4.40	3.85	3.65	3.71	2.15	5.25	2.06	2.17	32.14	
July	3.79	1.64	6.46	4.98	1.25	8.16	4.91	6.09	4.03	7.05	48.36	
August	5.37	4.58	5.34	6.17	.80	11.29	6.06	4.72	.65	6.98	52.26	
September	2.66	4.80	3.55	6.47	2.75	4.75	6.87	5.58	.34	3.50	41.27	
October	1.41	6.72	2.53	8.40	3.20	3.18	6.19	5.08	5.21	6.90	48.82	
November	11.20	2.73	4.75	8.28	2.26	2.16	3.44	1.39	5.55	8.17	49.93	
December	9.24	4.89	2.16	8.59	6.73	5.65	5.26	5.51	9.19	6.23	63.45	
TOTALS ...	59.34	45.74	44.09	63.36	36.57	59.35	49.01	55.69	43.29	62.54	512.98	
	AT											

1956 Slightly less but accept.
 1957 MAY 1958 / BOX. Overcast all day! New g. and turf wall recommended.
 1958 up off

New gauge installed 7/58

II overexposed (BR 1959-60)

(H4)

(Bk of Annoys)

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference SE 080 105

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19 B	1920-30 C	1931-40 D	1941-50 E	1951-60 F
	/	/	/	/	/