

RAINFALL AT *Melham**Garden Wops*

Observer.....

Rain { By.....

Gauge { Diameter..... 8 ..... in.

Height above Ground, ... 1 ..... ft. .... in.

Above Mean Sea Level 1200 ft.

YEAR.....							1866	1867	1868	1869	MEANS.
January.....								4.05	5.73	4.56	
February.....								5.40	4.68	9.30	
March.....							2.20	5.85	2.00		
April.....							6.22	2.63	2.65		
May.....							2.30	2.20	6.10		
June.....							2.83	.21	1.04		
July.....							5.96	.44	.99		
August.....							2.55	3.20	2.83		
September.....								3.65	3.45	8.10	
October.....							3.22	4.55	6.90	4.00	
November.....							8.38	1.40	5.30	5.55	
December.....							7.65	4.65	10.90	6.60	
TOTALS.....								45.76	51.49	53.72	

*c c c c*

RAINFALL AT *Meltham, Harnden, Mass.*

Lat. ....

Lon. ....

County of .....

*Yorkshire W. R.*

Rain Gauge, by .....

Observer .....

*J. K. Ware Esq.*

Diameter .....	8											
Height .....	1						1.2					
Altitude .....	1200											
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS	
January .....	6.40	3.23	6.41	5.75	4.71	8.46	2.20	7.10	6.31	1.55	5.212	
February .....	2.40	3.52	5.10	1.57	2.55	2.01	6.07	5.67	2.63	4.42	3.894	
March .....	4.35	1.56	4.76	3.17	6.05	.95	5.88	3.11	3.33	2.88	3.604	
April .....	1.85	4.73	3.33	.67	2.43	1.64	3.08	3.32	1.96	2.59	2.560	
May .....	2.52	2.14	3.47	2.90	2.16	3.30	1.03	4.85	5.01	3.10	3.048	
June .....	2.10	4.74	5.57	2.60	1.41	4.02	3.81	3.68	3.85	6.18	3.796	
July .....	.93	3.94	4.56	4.14	2.43	6.61	3.63	4.08	1.53	5.41	3.726	
August .....	1.70	2.57	6.34	5.22	5.68	4.01	3.68	6.40	6.55	8.16	5.031	
September .....	3.84	5.14	6.36	3.57	4.68	6.24	5.84	5.03	5.65	3.39	4.974	
October .....	12.92	3.63	6.61	7.08	7.99	6.36	3.33	6.23	4.70	3.50	6.235	
November .....	3.62	1.79	6.70	4.66	4.20	5.70	4.27	9.18	3.37	2.40	4.589	
December .....	3.32	2.47	4.40	2.00	4.15	2.59	9.70	5.34	1.29	3.53	3.879	
TOTALS .....	45.95	39.46	63.61	43.33	48.44	51.89	52.52	63.99	46.18	47.11	50.248	

C C C

# RAINFALL AT *Meltham, Harden Moss*

80

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

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

County of *Yorks*

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

Observer *S. B. Atter, Esq., C.E.*  
*J. Stanway, Esq.*

*Cuse Aire & Calder 8*

Diameter ....	<i>8</i>											
Height .....	<i>1. 2</i>											
Altitude ....	<i>1200 T</i>							<i>1212 T</i>				
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	<i>5.4</i>	<i>.38</i>	<i>4.16</i>	<i>7.05</i>	<i>8.65</i>	<i>3.69</i>	<i>4.53</i>	<i>2.77</i>	<i>1.41</i>	<i>2.97</i>	<i>3.615</i>	
February ....	<i>5.12</i>	<i>6.41</i>	<i>4.34</i>	<i>3.53</i>	<i>3.08</i>	<i>3.87</i>	<i>1.70</i>	<i>1.36</i>	<i>.91</i>	<i>2.23</i>	<i>3.255</i>	
March .....	<i>5.05</i>	<i>4.87</i>	<i>3.67</i>	<i>.68</i>	<i>2.58</i>	<i>3.02</i>	<i>4.16</i>	<i>1.93</i>	<i>3.77</i>	<i>2.48</i>	<i>3.221</i>	
April .....	<i>2.58</i>	<i>1.71</i>	<i>5.31</i>	<i>2.73</i>	<i>2.03</i>	<i>2.44</i>	<i>4.53</i>	<i>1.61</i>	<i>2.90</i>	<i>3.74</i>	<i>2.958</i>	
May .....	<i>3.36</i>	<i>4.41</i>	<i>1.61</i>	<i>1.49</i>	<i>2.08</i>	<i>2.74</i>	<i>6.44</i>	<i>3.09</i>	<i>1.21</i>	<i>3.26</i>	<i>2.969</i>	
June .....	<i>5.21</i>	<i>2.70</i>	<i>5.97</i>	<i>5.90</i>	<i>1.30</i>	<i>4.79</i>	<i>1.88</i>	<i>.41</i>	<i>4.15</i>	<i>.60</i>	<i>3.291</i>	
July .....	<i>7.08</i>	<i>2.88</i>	<i>4.75</i>	<i>3.74</i>	<i>3.79</i>	<i>1.94</i>	<i>4.61</i>	<i>1.92</i>	<i>8.55</i>	<i>3.87</i>	<i>4.313</i>	
August .....	<i>2.42</i>	<i>6.17</i>	<i>3.09</i>	<i>3.02</i>	<i>1.59</i>	<i>1.93</i>	<i>3.53</i>	<i>1.83</i>	<i>4.12</i>	<i>5.53</i>	<i>3.323</i>	
September....	<i>5.92</i>	<i>3.04</i>	<i>3.63</i>	<i>6.84</i>	<i>2.66</i>	<i>5.65</i>	<i>3.56</i>	<i>4.44</i>	<i>1.96</i>	<i>4.19</i>	<i>4.189</i>	
October.....	<i>6.13</i>	<i>5.23</i>	<i>4.54</i>	<i>6.45</i>	<i>2.74</i>	<i>7.84</i>	<i>6.77</i>	<i>3.73</i>	<i>2.03</i>	<i>6.68</i>	<i>5.214</i>	
November....	<i>5.75</i>	<i>5.88</i>	<i>7.90</i>	<i>5.21</i>	<i>2.15</i>	<i>3.55</i>	<i>2.97</i>	<i>2.69</i>	<i>9.93</i>	<i>2.05</i>	<i>4.808</i>	
December ....	<i>7.26</i>	<i>4.90</i>	<i>5.07</i>	<i>3.78</i>	<i>6.93</i>	<i>2.23</i>	<i>8.31</i>	<i>3.06</i>	<i>3.44</i>	<i>3.47</i>	<i>4.845</i>	
TOTALS ....	<i>58.42</i>	<i>48.58</i>	<i>54.04</i>	<i>50.42</i>	<i>39.58</i>	<i>43.69</i>	<i>52.99</i>	<i>28.84</i>	<i>44.38</i>	<i>41.07</i>	<i>46.001</i>	

*Rejected from survey. 2 low.*



# RAINFALL AT *Meltham Harden Moss*

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

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

County of *York W.R.*

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

Observer *Stanway Esq*  
*J. W. Schofield Esq*

Case - *Aisnerbalden 8*

Diameter ....	8											
Height .....	1	2										
Altitude ....	1212	T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	6.08	4.09	4.65	1.41	4.57	3.05	2.41	1.91	4.43	9.20	4.180	
February ....	.87	.73	3.06	6.67	8.75	.65	2.41	3.86	5.13	2.48	3.463	
March .....	4.34	2.83	1.05	1.22	5.15	4.35	6.56	5.28	2.01	3.31	3.610	
April .....	2.21	2.68	1.69	.88	3.10	2.89	2.03	4.35	3.84	3.96	2.763	
May .....	3.76	3.80	5.13	2.35	2.47	.76	.56	2.45	3.93	3.61	2.882	
June .....	3.53	2.56	4.08	2.37	4.26	3.18	4.11	3.92	3.31	1.91	3.023	
July .....	3.51	2.92	3.43	5.03	3.72	6.73	2.06	2.44	1.37	1.81	3.002	
August .....	5.54	9.07	4.76	3.18	4.84	3.45	2.33	4.24	6.76	2.70	4.687	
September....	2.14	4.57	4.16	3.90	1.19	1.43	8.84	4.37	.84	8.25	3.969	
October .....	4.38	7.07	7.74	3.65	6.81	5.27	6.66	2.51	7.30	3.90	5.529	
November....	6.97	4.69	3.65	3.86	3.45	4.64	1.71	6.60	3.06	2.10	4.073	
December ....	.58	9.75	2.04	6.00	4.63	5.36	7.49	6.19	7.70	3.26	5.800	
TOTALS . . .	43.93	54.76	45.44	40.52	52.94	44.76	47.17	48.12	49.68	46.49	47.081	

1890-

Rejected from survey. 2<sup>nd</sup> year

# RAINFALL AT Meltham Harden Moss

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of York W.R.

Use - Aux & Colden Rain Gauge, by \_\_\_\_\_ Observer J. Stanway Esq  
New Gauge J. W. Schofield Esq

Diameter ....	8										
Height .....	10										
Altitude ....	1212 <sup>ft</sup>										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.22	4.64	1.46	4.80	3.34	2.39	1.93	4.38	9.28		
February ....	.91	3.18	6.99	9.30	.77	2.47	4.36	5.45	2.19		
March .....	2.87	1.07	1.33	5.22	4.21	7.02	5.47	1.96	3.20		
April .....	2.52	1.79	.94	3.09	3.10	2.13	4.75	3.99	3.66		
May .....	4.14	5.36	2.43	2.56	.80	.66	2.55	4.06	3.66		
June .....	2.71	4.12	2.52	4.48	3.28	4.25	4.15	3.41	1.96		
July .....	3.18	3.64	5.15	3.89	6.80	2.15	2.45	1.47	1.89		
August .....	9.26	4.77	3.32	4.93	3.59	2.30	4.06	6.71	2.71		
September....	4.63	4.50	4.24	1.25	1.38	9.04	4.32	.92	8.37		
October .....	7.40	8.20	3.90	7.11	5.54	6.64	2.59	6.45	3.78		
November....	7.02	4.75	3.71	4.60	3.99	4.83	1.69	6.22	3.18	2.29	
December ....	.61	10.81	2.40	6.04	4.92	5.47	6.99	5.74	8.04	3.33	
TOTALS ....		57.40	47.38	42.92	55.54	43.11	47.73	48.59	50.02	46.32	

*Rejected from survey. 2" loss.*

# RAINFALL AT *Meltham Harden Moss*

Lat. ....

Lon. ....

County of *York W.R. Central*

Cause - *W. & A. Baldwin & Co.*

Rain Gauge, by .....

Observer .....

*J. W. Schofield Esq.*

*New Gauge Snowden*

Diameter ..	8										
Height ....	10										
Altitude ...	1212 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.76	3.02	4.44	5.28	5.11	2.49	6.24	1.66	3.86	3.94	4.280
February ..	4.00	1.64	1.21	5.76	4.26	3.30	4.22	2.84	4.05	4.21	3.549
March ....	.84	3.81	2.77	6.79	2.57	4.98	4.18	4.22	4.47	.69	3.532
April .....	3.15	2.65	2.32	2.62	3.63	3.34	1.46	2.64	2.61	3.32	2.774
May .....	2.01	1.69	3.31	4.07	3.27	.54	3.63	4.03	3.11	3.88	2.954
June .....	4.16	1.77	1.36	1.43	1.23	3.44	1.66	6.98	2.74	2.33	2.710
July .....	3.68	3.71	2.90	3.63	2.98	2.35	3.09	2.89	4.50	4.41	3.414
August ....	6.38	2.22	3.91	6.15	5.14	4.61	3.07	4.11	3.97	5.90	4.546
September..	1.39	.94	3.31	5.89	1.80	3.37	1.72	.78	3.55	5.28	2.803
October ....	6.76	3.50	6.30	10.69	1.82	4.35	7.08	7.16	1.91	4.68	5.425
November ..	4.28	7.22	2.56	3.34	3.73	5.54	5.69	4.12	3.58	4.73	4.179
December ..	6.81	5.27	4.80	2.69	3.37	1.50	3.74	4.48	3.31	9.35	4.532
TOTALS ..	50.22	37.44	39.19	58.34	38.91	39.81	45.78	45.91	41.66	52.72	46.098

*Continued from preceding sheet*

apart. At each corner there are angle irons. The old gauge is very much the worse for wear, the rim is in a bad condition and the metal just below the rim seems much worn so that in windy weather some rain will be lost; the gauge is very loose in its box, did not seem to be level and could not keep so; an iron ring with three supports seems originally to have supported the gauge but this arrangement has not been maintained.

The New Gauge is in good condition except the rim which is decidedly dented & spoilt; this gauge is nearly firm and also appears level to the eye. Its position however close to the S.W. angle iron is very unsuitable and must cause considerable loss with S.W. & W. S.W. winds. I think both gauges especially the New gauge will register too little owing to their proximity to the rain-gauge. *Rejected from Survey 2<sup>nd</sup> loc.*



# RAINFALL AT *Meltham Harden Moss*

Lat. *53° 24' 20" N*

Lon. *1° 51' W*

County of *York W.R. Central*

Rain Gauge, by

Observer

*J. W. Schofield Esq*

*Use - Area <sup>at</sup> *Baldor 85**

Diameter ..	8	<i>Glaisher</i>									
Height ....	1	2									
Altitude ..	1212	T									
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.60	3.20	4.37	5.63	6.08	3.09	6.57	1.92	4.11	3.76	4.533
February ..	4.07	1.68	1.15	6.21	5.00	3.51	4.36	3.10	4.03	4.13	3.724
March ....	.82	4.02	2.99	7.27	2.71	5.51	4.35	4.43	4.49	.66	3.725
April .....	3.10	2.58	2.36	2.98	4.51	3.46	1.60	2.84	2.48	3.50	2.941
May .....	1.87	1.66	3.44	4.29	3.27	.59	3.96	5.23	3.07	3.57	3.095
June .....	4.12	1.82	1.42	1.39	1.26	3.61	1.67	7.14	2.65	2.26	2.734
July .....	3.63	3.56	2.90	3.81	2.92	2.35	3.31	2.97	4.44	4.06	3.395
August ....	6.68	2.36	4.01	6.34	5.26	4.60	2.31	4.23	3.85	6.88	4.652
September ..	1.75	.93	3.27	6.00	2.03	3.44	1.85	.89	3.37	4.42	2.795
October .....	6.87	3.76	6.38	11.39	2.18	4.56	7.18	7.49	1.93	4.68	5.642
November ..	4.46	7.72	2.63	3.54	4.43	6.25	6.30	4.37	3.37	4.39	4.746
December ..	7.60	5.62	4.81	2.91	4.08	1.81	3.94	4.77	3.14	9.30	4.798
TOTALS ..	51.57	38.9	139.73	61.76	43.73	42.78	47.40	49.38	40.93	51.61	46.380

*M. C. F. Brooke* writing of the *Harden Moss* gauges in Jan. 1901 says. — "These gauges are situated in Lat. *53° 24' 20" N* & Long. *1° 51' W*. on an open piece of peaty moorland nearly flat but sloping slightly from West to East. They are about 150 yards N. of the nearest buildings (*Harden Moss Farm*). They are faced round by iron railings about 4 feet high enclosing a piece of ground about 6 feet square.

The old Gauge is of the *Glaisher* pattern

New . . . . . *Snowdon*

Both are enclosed in locked wooden boxes and the rims are both more than one foot above the wet peaty soil. The railings are of about  $\frac{3}{4}$  in. iron much rusted, horizontally about eight inches

Rejected from Survey, 2° low. (Continued on next sheet)

RAINFALL at Mattham Haven MossCounty of W. R. YorkshireObserver J. W. Schofield Esq Edgar Jones  
J. W. Ambridge Esq c.l.River Basin Ourse Aire Calder &  
Shallow funnelRain Gauge, by  
Glaisher  
diam. 7.96, 79.6, 800, 798

Orig.

Diameter ...	8										
Height .....	1. 2					1. 8			1. 0		
Altitude ...	1212 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.74	5.89	4.86	4.50	3.38	8.35	6.02	2.61	3.81	5.77	
February ...	6.82	1.39	2.28	1.71	4.95	6.20	6.37	.71	9.13	1.57	
March .....	2.96	5.93	5.53	7.33	6.50	1.43	3.68	2.03	2.07	6.19	
April .....	1.58	.89	1.64	4.70	1.86	2.13	3.50	3.34	1.44	2.11	
May .....	5.91	5.66	4.11	3.32	2.83	2.18	2.68	2.74	2.84	2.48	
June .....	3.21	.31	4.90	2.98	3.32	1.49	3.79	2.13	2.32	1.91	
July .....	4.85	4.16	5.78	1.48	3.69	4.21	2.30	2.13	3.75	3.26	
August .....	3.36	1.09	8.44	1.90	3.44	5.75	2.31	7.69	1.75	4.23	
September ..	6.13	4.69	2.53	2.41	3.17	.60	2.75	2.86	15.51	2.52	
October ...	1.46	3.51	4.74	3.72	3.15	2.09	9.55	8.94	3.36	3.51	
November ..	5.96	7.20	4.85	5.44	7.20	2.28	4.99	6.71	3.05	4.33	
December ...	3.33	4.49	6.42	4.08	8.74	10.06	3.96	2.35	9.54	9.01	
TOTALS ...	51.51	45.21	56.08	43.57	52.23	46.77	51.90	44.24	58.57	46.49	

+ 27. I. 15 c.f. In small sided enclosure. Flat open moss. Good site.  
Gauge rather near rail.

Rejected from Survey. S. low.

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



RAINFALL at Meltham Harden MossCounty of W.R. YorkshireObserver J. W. Schofield & J. G. JonesRiver Basin Ouse, Aire Calder &J. W. Ammitage & Co.M.D.  
Snowdon

Rain Gauge, by

8-00, 797, 807, 791

New Gauge

Diameter ...	8										
Height .....	1 0					2 0			1 0		
Altitude ...	1212 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.92	5.80	4.89	4.44	3.21	8.52	5.77	2.61	3.92	5.73	
February ...	7.07	1.31	2.19	1.74	4.82	6.19	6.46	.70	9.00	1.42	
March .....	3.29	7.03	5.50	7.45	6.50	1.40	3.64	2.05	2.02	6.31	
April .....	1.72	.87	1.72	4.70	1.93	2.15	3.61	3.26	1.51	2.18	
May .....	7.20	5.79	4.05	3.58	2.90	2.18	2.70	2.77	2.98	2.44	
June .....	3.48	.32	5.12	3.21	3.49	1.50	3.73	2.14	2.34	1.99	
July .....	4.98	4.22	5.83	1.56	3.76	4.35	2.28	2.09	3.84	3.29	
August .....	3.33	1.06	8.37	2.01	3.42	5.59	2.73	7.57	1.80	4.32	
September ..	6.10	4.78	2.44	2.50	3.19	.59	2.79	2.73	15.37	2.47	
October ...	1.69	3.43	4.76	4.08	3.26	2.04	9.24	8.89	3.27	3.53	
November ..	6.15	7.25	4.74	5.58	7.28	2.34	4.86	6.51	2.94	4.22	
December ...	3.45	4.38	6.27	4.22	8.67	10.06	3.93	2.21	9.11	8.90	
TOTALS ...	54.38	46.24	55.88	45.07	52.53	46.91	51.74	43.53	58.15	46.60	

+ 27. I. 15 C. See old gauge.

Rejected for Survey. 2" low.

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

RAINFALL at Meltham Harden MossCounty of N. YorksObserver J. W. Armitage Esq C.E.River Basin Guse Aire Calder 8Huddersfield 100

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

Red Gauge.

Diameter ...	3										
Height .....	1	0									
Altitude ...	1212										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>1930</u> <u>Meltham</u>
January ...	4.10	9.62	2.75	5.67	4.22	5.79	5.15	4.86	12.00	1.76	6.92
February ...	6.14	7.3	5.92	6.68	1.46	7.26	4.58	1.25	6.06	.54	.89
March .....	4.44	4.57	3.76	2.67	1.38	2.18	2.45	5.75	2.33	1.27	2.74
April .....	7.95	1.44	4.20	3.74	2.62	3.60	3.19	4.09	1.60	1.59	2.85
May .....	5.68	2.61	1.60	5.34	6.53	4.36	4.33	1.59	1.94	3.70	2.48
June .....	3.74	4.0	3.38	1.38	2.36	.02	3.22	4.23	6.05	1.29	3.99
July .....	8.55	2.11	4.05	5.97	3.77	1.58	3.39	3.26	2.13	2.62	8.04
August .....	3.80	7.70	6.59	5.53	4.48	5.25	4.79	5.85	4.66	5.29	4.96
September...	2.48	1.31	5.03	4.24	5.09	4.25	3.33	7.17	.59	1.96	4.92
October .....	2.33	3.09	1.61	5.73	6.61	6.34	4.66	5.53	5.96	4.24	7.55
November...	2.82	2.66	3.18	7.32	3.26	2.39	5.80	5.75	8.53	10.58	6.61
December...	5.29	7.91	4.70	4.21	6.80	4.63	2.86	1.35	3.32	10.85	3.55
TOTALS...	57.32	44.15	46.77	58.48	48.58	47.64	47.75	50.73	55.77	45.69	55.50

X 23 Inspected by Mr. Corder see green file.

June 1931 Terminated as recommended by no. see Cue 284/660601/26.

Rejected from survey 2' low.

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
1927.			Meltham			Meltham		

RAINFALL at Meltham Harden MossCounty of N. YorksObserver J. W. Ambridge Esq B.C.River Basin Cuse-Dire-CaldenHuddersfieldRain Gauge, by M.C.

New Gauge

Diameter ...	8										
Height .....	10										
Altitude ...	1212										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	3.87	9.45	2.61	5.28	4.23	5.95	5.08	4.69	12.92	1.56	7.30
February ...	6.42	.70	5.79	6.71	1.36	7.34	4.67	1.26	6.54	.51	.95
March .....	4.45	4.50	3.93	2.48	1.41	2.01	2.18	6.08	2.21	1.41	2.73
April .....	7.91	1.49	4.21	3.82	2.70	3.33	3.28	4.20	1.57	1.78	2.97
May .....	5.44	2.52	1.56	5.41	6.66	4.49	4.54	1.62	1.97	4.36	2.73
June .....	3.73	.41	3.64	1.28	2.35	.03	3.34	4.57	6.06	1.34	4.06
July .....	8.60	2.15	4.09	6.03	3.79	1.68	3.52	3.21	2.05	2.75	8.58
August .....	3.68	7.84	6.63	5.32	4.60	5.08	4.95	5.85	4.70	5.58	5.23
September...	2.32	1.33	5.03	4.38	5.33	4.14	3.44	7.52	.59	1.92	5.06
October .....	2.25	3.15	1.57	5.56	6.58	6.37	4.60	5.83	6.15	4.47	7.49
November...	2.73	2.71	3.45	8.45	3.28	2.39	5.88	6.27	9.47	10.93	6.72
December...	5.16	5.34	4.78	4.07	6.38	4.69	2.97	1.22	3.43	11.06	3.69
TOTALS...	56.56	44.59	47.19	58.79	48.67	47.50	48.40	52.32	57.86	47.67	57.51

Σ/28 Inspected by Mr. Colson see green file.

June 1931 Old g. (previous sheet) terminal & this gauge set up at 1 foot in middle of enclosure. We recommended this site as "satisfactory for open moorland in 1928."

~~Rejected from survey 2/10.~~

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
1927			Meltham			Meltham		



RAINFALL at Meltham (Harden Moss)County of West Riding Observer J. W. Armitage, Esq. C.E.River Basin Ouse - Aire - Calder 8

Type of Gauge.....

Annual Average 44.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

Diameter .....	8											
Height .....	10											
Altitude .....	1212											
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January .....												
February .....												
March .....												
April .....												
May .....												
June .....												
July .....												
August .....												
September .....												
October .....												
November .....												
December .....		#										
TOTALS .....												

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	Direction from gauge

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

RAINFALL at Meltham (Harden Moss) new g.County of West Riding,Observer J. W. Armitage, Esq., C.E.River Basin Ouse-Aire-Calder-8.J. P. Bewridge Esq., C.E. (1936)

Type of Gauge.....

Annual Average 45.7 in. based on 38 years obs. un-weighted. Period of average 1898-1935 Ref. 4

660601/26

Diameter	8.											
Height	1.0.											
Altitude	1212.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean	Totals
January	7.43	6.13	4.25	5.04	2.65	4.62	6.53	7.84	6.12	(2.65)	53.31	
February	7.03	4.1	6.26	3.1	7.70	3.35	6.74	2.40	4.07	(2.45)	40.72	
March	3.32	3.65	3.12	4.08	2.60	4.20	3.47	1.81	5.09	4.23	32.57	
April	5.12	5.94	1.82	3.10	4.04	2.23	3.14	.74	3.30	3.45	32.88	
May	3.62	6.45	2.20	3.67	.71	1.54	3.13	4.99	2.34	.59	28.24	
June	6.44	.55	3.33	2.16	4.20	5.18	2.47	5.19	3.06	.95	33.53	
July	5.61	5.56	4.51	4.10	2.19	4.07	3.24	5.46	8.13	4.30	47.17	
August	7.14	3.07	2.80	3.41	2.27	2.39	1.81	5.74	2.47	2.30	33.40	
September	5.07	5.61	2.73	3.35	6.38	6.96	2.40	2.63	1.67	4.89	41.69	
October	2.95	9.09	5.85	6.23	13.26	6.77	3.10	10.35	3.40	5.80	66.80	
November	7.29	4.60	2.06	3.07	8.05	8.44	2.88	7.19	9.43	10.62	63.63	
December	2.95	2.62	1.02	6.11	4.11	5.40	2.12	4.46	4.37	4.83	37.99	
TOTALS	61.02	52.68	39.95	44.63	58.16	55.15	41.03	58.80	53.45	47.06	511.93	

1940. Jan &amp; Feb. appointed for snow.

NB. The previous year from Meltham was rejected for being as 2" low. Having set up 1/1/31. Catch satisfactory

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	Direction from gauge

Station No. 3186

RAINFALL at Meltham (Harden Moss)

41

County of West Riding

Observer J.P. Bourdige Esq. C.E.

River Basin Ouse - Aire - Calder - S

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 6606026

Diameter	8"		078	985							
Height	1' 6"			1							
Altitude	1212'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	(3.93)	4.38	7.48	(9.97)	4.35	8.28	4.40	12.16	2.91	4.27	62.13
February	5.58	1.21	4.63	2.69	7.94	8.82	2.72	4.25	4.11	8.02	49.97
March	6.32	3.20	2.52	.55	1.61	2.49	7.66	2.34	1.99	3.02	31.70
April	2.87	2.92	3.42	(2.99)	3.38	1.33	5.00	3.42	5.15	5.96	37.44
May	2.99	4.90	3.93	6.59	4.29	2.40	3.72	2.06	3.12	3.38	37.38
June	1.14	1.70	3.85	3.35	7.21	4.28	3.67	5.39	.85	2.17	33.61
July	1.82	5.26	3.29	3.13	2.07	5.58	2.27	2.19	3.60	3.77	39.04
August	7.76	6.55	7.53	(5.77)	4.28	5.96	.30	5.55	3.57	5.52	52.79
September	.72	3.51	4.69	(6.66)	4.21	8.27	3.06	3.02	1.78	7.94	43.86
October	6.39	7.81	2.98	5.65	8.34	1.99	1.21	3.13	5.30	3.59	46.39
November	4.20	1.94	4.54	(3.07)	.89	10.57	9.09	2.57	8.70	8.01	59.58
December	3.28	4.60	3.74	(4.72)	3.39	5.49	5.98	5.31	11.19	2.89	50.59
TOTALS	47.00	47.98	52.60	(61.20) n.p.	51.96	66.46	49.08	51.39	52.27	88.34	598.48

1941 Jan. part cal'd.

1944 n.p. too much estimation

40004

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. 3186

RAINFALL at Meltham (Harden Moss)

51

County of West Riding - Yorks

Observer

J. P. Burridge Esq. C.E.River Basin Ouse - Aire Calder &Type of Gauge Snowdon new 7/58

Annual Average in. based on years obs. un-weighted. Period of average

Ref.

52.94 16 1742-57

1916-57

File No.

260601/26

Diameter ...	8"			078	985							
Height ...	1'0"				1							
Altitude ...	1212'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	5.96	5.46	2.69	4.77	2.65	6.12	5.29	5.82	6.52	7.21	52.49	
February ...	4.61	2.12	(2.94)	3.61	1.93	1.29	3.91	7.98	.58	3.73	32.70	
March ...	6.51	2.64	3.36	3.48	3.31	2.39	4.07	2.75	2.43	2.37	33.31	
April ...	3.90	4.40	4.63	.94	2.65	2.97	.70	1.70	6.37	3.62	31.88	
May ...	4.46	2.11	2.64	3.86	5.99	1.77	1.53	5.04	2.06	2.83	32.29	
June ...	1.64	3.34	(3.92)	3.96	3.47	3.88	1.89	5.97	2.62	2.42	33.11	
July ...	3.86	2.73	5.90	6.07	1.47	8.83	5.07	5.57	3.91	7.53	50.94	
August ...	7.42	4.93	4.50	4.03	.55	10.98	6.41	5.28	.77	6.57	54.44	
September ...	2.89	5.32	3.34	6.66	3.33	5.30	6.63	5.28	.34	3.59	42.58	
October ...	1.30	6.89	2.88	8.30	3.40	3.61	7.16	5.02	5.59	7.77	51.92	
November ...	11.81	2.89	4.51	8.78	2.52	2.45	3.32	1.50	5.80	8.55	52.13	
December ...	10.41	3.90	2.47	8.07	7.00	5.59	6.27	6.46	11.52	7.00	68.69	
TOTALS ...	64.77	46.73	43.78	65.43	38.27	55.18	52.25	58.37	48.51	63.19	536.48	
		M	M					M	M	M		

INSPECTION MAY 1958 of both g. low. No d. l. etc. transferred most data. T. rainfall night gauge better. New g. recommended.

new gauge installed - 1/58

21004

Position of Station on Ordnance One-Inch map :

No. of Map 102

National Grid Reference SE 09R 086

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

Summary of Earlier Records from 10-year Sheets :

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