

RAINFALL AT

Dalton W. Huddesfield

50

J. M. Robson

Rain { By
Gauge { Diameter... *12.75* in.

Height above Ground, ft. in.

Above Mean Sea Level, *350*... ft.

YEAR	1853	1854	1855	1856	1857	1858	1859	MEANS.
January	<i>*4.57</i>	<i>1.70</i>	<i>.84</i>	<i>3.09</i>	<i>2.90</i>	<i>1.65</i>	<i>2.08</i>	
February	<i>.91</i>	<i>1.70</i>	<i>1.80</i>	<i>2.68</i>	<i>1.67</i>	<i>.25</i>	<i>2.73</i>	
March	<i>.71</i>	<i>.83</i>	<i>1.66</i>	<i>.35</i>	<i>3.50</i>	<i>2.83</i>	<i>3.92</i>	
April	<i>2.13</i>	<i>.42</i>	<i>1.10</i>	<i>2.79</i>	<i>2.50</i>	<i>3.47</i>	<i>5.04</i>	
May	<i>1.46</i>	<i>2.08</i>	<i>1.53</i>	<i>2.61</i>	<i>2.11</i>	<i>3.09</i>	<i>.20</i>	
June	<i>4.37</i>	<i>2.04</i>	<i>2.67</i>	<i>2.56</i>	<i>3.05</i>	<i>3.66</i>	<i>3.74</i>	
July	<i>2.30</i>	<i>2.46</i>	<i>4.64</i>	<i>1.36</i>	<i>1.85</i>	<i>1.39</i>	<i>2.71</i>	
August	<i>1.90</i>	<i>.95</i>	<i>3.20</i>	<i>.956</i>	<i>6.47</i>	<i>1.87</i>	<i>*6.88</i>	
September ...	<i>3.60</i>	<i>1.20</i>	<i>.56</i>	<i>4.00</i>	<i>3.22</i>	<i>2.65</i>	<i>3.34</i>	
October	<i>*1.80</i>	<i>1.21</i>	<i>6.03</i>	<i>3.08</i>	<i>1.65</i>	<i>4.48</i>	<i>3.30</i>	
November ...	<i>2.00</i>	<i>3.22</i>	<i>.85</i>	<i>1.30</i>	<i>1.81</i>	<i>1.00</i>	<i>2.92</i>	
December	<i>2.55</i>	<i>6.64</i>	<i>.87</i>	<i>3.80</i>	<i>1.06</i>	<i>2.45</i>	<i>3.69</i>	
TOTALS	<i>31.14</i>	<i>24.45</i>	<i>25.75</i>	<i>37.18</i>	<i>31.79</i>	<i>28.79</i>	<i>39.75</i>	

+ receiptable running over

RAINFALL AT

Huddersfield

Bailton

Observer.....J. H. Barker.....

Rain } By.....

Gauge } Diameter.....1.0.....in.

Height above Ground.....3.5.....ft.....in.

Above Mean Sea Level.....352.2.....ft.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	3.89	.24	1.17	^x 6.00	1.53	2.64					
February.....	2.10	3.73	1.10	1.90	2.51	2.30					
March.....	3.13	5.72	4.74	.35	3.00	.95					
April.....	1.54	1.16	1.75	.69	1.38	1.08					
May.....	2.18	.68	3.23	1.25	1.91	2.59					
June.....	4.43	2.42	2.00	3.37	1.47	1.44					
July.....	1.48	5.61	1.37	1.88	.24	3.94					
August.....	3.74	1.09	1.81	^x 3.02	1.20	5.55					
September.....	2.82	2.60	2.75	4.84	1.79	.21					
October.....	5.21	1.02	7.05	4.93	3.68	8.58					
November.....	3.95	4.51	1.20	2.03	2.55	6.48					
December.....	3.35	1.60	1.98	3.02	1.51	3.32	#				
TOTALS.....	3582	3038	3015	3328	2277	39.00					

+
Bad

1863 + Jan & August receptacle running over

RAINFALL AT *Salter's Hall Huddersfield*

60

Rain
Gauge

By *J. W. Robson Esq*
Glaisher In 1828

Diameter.....*2*.....in.

Height above Ground, ft. *6*.. in.

Above Mean Sea Level, *252*.. ft.

YEAR								<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January								<i>3.02</i>	<i>4.30</i>	<i>2.80</i>	
February								<i>2.93</i>	<i>2.46</i>	<i>4.75</i>	
March								<i>2.75</i>	<i>3.50</i>	<i>1.57</i>	
April								<i>4.38</i>	<i>1.69</i>	<i>1.87</i>	
May								<i>1.93</i>	<i>.90</i>	<i>5.83</i>	
June								<i>1.91</i>	<i>.15</i>	<i>.77</i>	
July								<i>4.00</i>	<i>.41</i>	<i>.56</i>	
August								<i>2.16</i>	<i>2.40</i>	<i>1.48</i>	
September ...								<i>2.12</i>	<i>2.99</i>	<i>4.87</i>	
October								<i>2.10</i>	<i>2.94</i>	<i>1.75</i>	
November ...								<i>1.52</i>	<i>2.61</i>	<i>3.19</i>	
December								<i>2.25</i>	<i>0.10</i>	<i>4.76</i>	
TOTALS.....								<i>31.15</i>	<i>32.45</i>	<i>34.28</i>	

c c c

RAINFALL AT *Huddersfield* *Dalton*

Observer *J. W. Dalton*Rain By *A. S. Z.*Gauge Diameter *5* in.Height above Ground, *6* ft. in.Above Mean Sea Level *350* ft.

YEAR.....								1866	1867	1868	1869	MEANS.
January.....								<i>5.31</i>	<i>2.92</i>	<i>4.21</i>	<i>2.88</i>	
February.....								<i>4.56</i>	<i>2.90</i>	<i>2.42</i>	<i>4.70</i>	
March.....								<i>1.41</i>	<i>2.76</i>	<i>3.48</i>	<i>1.59</i>	
April.....								<i>1.60</i>	<i>4.38</i>	<i>1.62</i>	<i>1.89</i>	
May.....								<i>1.16</i>	<i>1.96</i>	<i>.91</i>	<i>5.87</i>	
June.....								<i>4.45</i>	<i>1.93</i>	<i>.14</i>	<i>.77</i>	
July.....								<i>5.35</i>	<i>3.98</i>	<i>.41</i>	<i>.57</i>	
August.....								<i>4.21</i>	<i>2.18</i>	<i>2.40</i>	<i>1.47</i>	
September.....								<i>5.11</i>	<i>2.14</i>	<i>3.01</i>	<i>4.90</i>	
October.....								<i>2.07</i>	<i>2.14</i>	<i>2.97</i>	<i>1.83</i>	
November.....								<i>5.07</i>	<i>1.52</i>	<i>2.62</i>	<i>3.19</i>	
December.....								<i>4.81</i>	<i>2.22</i>	<i>8.06</i>	<i>4.81</i>	
TOTALS.....								<i>45.11</i>	<i>31.03</i>	<i>32.24</i>	<i>34.47</i>	

1868 This *ly* never differed above .01 in from the 8 in *ly*
except in cases of violent storms e.g. Jan^y 24 ^{5 in} 0.44 0.47
" 31st 2.13 2.20
Mar 21st 1.39 1.43
Dec 27 0.54 0.59

RAINFALL AT *Huddersfield Dalton*

Lat.....

Lon.....

County of.....

Yorkshire, W.R.

Rain Gauge, by.....

Observer.....

J. W. Dalton Esq.
Old Gauge

Diameter	8											
Height	6		3	6	1	6	1					
Altitude	350											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.26	1.33	3.91	3.01	1.99	4.31	1.01	5.28				
February.....	2.03	2.58	3.22	84	1.14	1.38	3.06	2.95				
March	2.77	1.20	2.18	2.04	3.26	72	4.06	2.98				
April .....	.82	3.35	3.82	.58	1.63	.93	2.12	2.22				
May	1.27	1.50	1.83	1.74	1.35	1.64	1.03	3.65				
June.....	1.72	4.12	3.77	.96	.76	3.01	3.04	1.86				
July .....	.53	2.80	4.34	2.37	1.86	6.65	2.07	2.79				
August.....	1.46	1.39	3.06	2.40	2.32	3.64	1.88	4.05				
September.....	1.37	4.93	4.69	2.64	2.44	3.17	4.70	3.71				
October.....	8.25	1.98	4.21	3.05	3.37	4.78	2.84	4.17				
November.....	2.08	.70	4.21	2.51	2.89	4.10	3.36	3.89				
December.....	3.10	1.16	3.43	.73	2.75	1.34	7.16	3.45				
TOTALS	28.66	27.04	42.67	22.87	25.76	35.97	36.33	(40.90)	32.54	27.03	32.16	

1871 Jan 1st gauge moved to a very open place
in the centre of a field

1877 Gauge funnel found slightly inclined towards W.
observations therefore not printed.

1878 + 1879 from new gauge

RAINFALL AT *Huddersfield Dalton*

70

Lat.....

Lon.....

County of *Yorkshire*

Rain Gauge, by.....

Observer *J. N. Robson*

New Gauge

Diameter.....					8						
Height.....					<i>1 ft</i>						
Altitude.....					<i>350 350</i>						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				<i>38.1</i> #1.30	1.95	4.32	.95	4.89	3.09	.86	
February.....					86	1.10	1.47	3.01	2.62	.95	2.36
March.....					2.19	3.22	.67	4.11	3.24	1.56	1.86
April.....					63	1.56	.94	2.14	2.74	1.41	2.89
May.....					1.82	1.34	1.57	1.05	3.65	4.38	1.73
June.....					.93	.70	2.98	2.97	1.74	2.67	4.57
July.....					2.44	1.81	6.67	2.09	2.73	1.03	3.23
August.....					2.58	2.26	3.68	2.09	4.02	6.83	4.18
September.....					2.63	2.42	3.65	4.73	3.73	3.02	1.57
October.....					3.12	3.56	4.80	2.84	3.91	3.07	1.56
November.....					2.50	2.87	4.26	3.31	3.68	2.14	1.71
December.....					.69	2.81	1.31	7.09	3.44	2.39	2.41
TOTALS.....	2866	2704	4227	23.20	25.60	36.22	36.38	40.39	32.54	28.93	32.16

old gauge

RAINFALL AT *Huddersfield, Dalton* 80

Lat. _____

Lon. _____

County of *Yorks*

Rain Gauge, by _____

Observer *L. W. Robson, Esq.*

Quse. Air + barom 8

Diameter	8										
Height	1.0										
Altitude	350 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	2.44	2.28	3.90	5.29	5.75	1.81	5.77	1.76	1.16	1.35	2.731
February	2.96	4.09	2.41	2.11	1.57	3.21	3.7	6.3	.97	1.81	2.013
March	2.85	4.59	2.37	1.20	1.68	1.62	3.01	1.59	3.99	3.17	2.607
April	1.87	1.16	4.40	3.04	1.73	1.82	2.79	.97	2.31	3.99	2.408
May	2.84	1.19	1.13	.90	1.69	1.72	5.74	2.00	.64	3.36	2.121
June	2.86	1.42	4.00	3.74	.90	3.46	1.06	.26	2.34	.57	2.067
July	5.58	2.48	3.00	3.20	2.60	.88	4.41	1.35	4.40	3.01	3.091
August	1.71	4.33	1.68	2.02	1.33	1.08	1.07	1.67	2.25	3.22	2.036
September	4.38	2.80	1.04	5.68	2.19	2.57	1.54	2.61	.79	1.50	2.570
October	6.33	4.47	3.69	4.67	1.51	5.91	5.22	2.67	1.17	4.68	4.032
November	3.24	3.35	4.74	3.54	1.32	1.83	1.91	1.83	8.38	.90	3.104
December	4.06	2.99	4.22	1.67	3.64	1.06	5.09	2.15	2.09	1.94	2.891
TOTALS	38.92	33.15	37.24	37.06	25.91	26.97	37.98	19.49	30.49	29.50	31.671

1880. *Huddersfield*

1 mile. W.

RAINFALL AT *Huddersfield Dalton*

Lat. _____

Lon. _____

County of *York W.R.*

Rain Gauge, by _____

Observer *J.W. Robinson Esq*

Onse - Aire & Calder 8

Diameter	8			12							
Height	10										
Altitude	350										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.46	2.24	2.46	1.33	4.14	4.45	1.18	3.53	2.11	5.86	3.176
February	1.02	.14	3.35	3.80	6.23	.49	1.70	3.69	4.14	1.47	2.603
March	2.28	1.82	1.24	.86	3.34	2.33	4.68	5.01	1.87	1.95	2.538
April	1.23	1.81	1.18	.96	2.55	2.68	1.99	2.98	3.53	2.67	2.158
May	2.96	3.11	3.74	1.83	2.23	.76	.48	1.28	3.96	4.35	2.470
June	2.19	3.02	4.13	2.12	3.09	5.43	3.10	5.38	3.44	2.53	3.443
July	2.15	2.82	2.02	3.99	3.87	7.06	1.76	.97	1.37	1.58	2.759
August	4.54	5.35	3.00	1.92	2.90	2.14	1.85	2.94	4.33	1.71	3.068
September	1.26	2.56	2.33	1.60	.78	.92	7.35	4.14	.36	7.48	2.878
October	1.50	4.83	8.35	2.27	5.06	4.11	5.52	2.42	5.85	4.56	4.447
November	3.78	2.71	1.70	1.85	1.94	3.77	1.75	3.94	3.34	1.73	2.651
December ....	.80	7.41	1.18	4.08	2.83	5.08	4.37	4.69	5.09	4.12	3.468
TOTALS . . .	28.17	37.82	34.68	26.61	38.96	39.22	35.73	40.97	39.39	40.01	26.156

1892 *Huddersfield Church* 1 1/4 mile W. 1880—

RAINFALL AT Huddersfield Dalton

Lat.

Lon.

County of York W.R. Central

Rain Gauge, by Nº 3

Observer J. W. Robson Esq

Aire & Calder 8

Diameter ..	8											
Height	1.0											
Altitude ..	350 N											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.03	1.88	2.11	3.27	3.13	1.19	4.00	1.27	3.22	2.21	2.631	
February ..	4.96	4.91	1.17	1.19	3.45	4.21	1.52	2.45	1.92	2.13	1.82	2.482
March	1.04	3.05	1.45	4.30	2.02	3.09	2.74	2.54	3.21	3.03	2.647	
April	1.65	1.82	1.78	1.69	2.13	1.71	.93	1.57	1.80	2.49	1.757	
May	1.59	1.45	2.68	3.20	3.15	.82	2.33	3.58	2.11	1.98	2.289	
June	2.86	.88	1.36	1.53	.86	1.82	1.42	3.75	1.60	3.33	1.941	
July	2.82	3.42	1.83	2.32	4.53	1.39	1.48	2.15	3.33	3.01	2.628	
August	5.38	1.29	2.74	3.50	4.28	3.76	1.93	1.85	2.49	2.20	2.942	
September ..	.56	.72	2.04	4.15	.49	1.52	.61	.44	2.57	1.82	1.492	
October	3.20	2.04	2.77	8.29	.74	2.38	5.62	5.92	1.25	2.97	3.518	
November ..	3.70	4.81	2.16	1.70	2.98	3.84	3.51	2.61	1.61	.50	2.772	
December ..	4.12	5.22	2.94	1.79	1.81	.74	3.00	2.47	1.49	5.34	2.892	
TOTALS ..	35.91	35.06	27.75	25.05	39.19	30.33	23.78	30.02	30.07	26.81	31.00	29.091

1900 The total printed in B. R. (42.14 in) was reduced 15% by the observer after comparison with a new and more favourably exposed gauge.

1903 Huddersfield Church 1 mile W
Station 1 . . .

RAINFALL at Huddersfield Dalton Pollard HaCounty of W. YorkshireObserver G. Carlyle Steel EsqRiver Basin Guse. Aire. Calder 8Howard Rain Gauge, by _____

Diameter ...	6										
Height	1 0										
Altitude ...	300										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.72	.86	4.33								
February ...	2.63	2.74	1.84								
March .....	.46	1.19	3.11								
April	2.43	1.41	.53								
May	2.45	1.52	3.53								
June	3.83	2.61									
July .....		.21									
August		1.98									
September ..	.44	2.72	1.41								
October ...	2.28	2.37	3.82								
November ..	3.55	3.79	2.59								
December ...		3.78	3.95								
TOTALS ...		25.18									

1910 We shut up the house from July 8. to end of Aug + I am sorry I had no time to take Rainfall + was also away
for Dec 22 tank of gas -
1912 House shut up in June - Aug 6th

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Huddersfield	1 1/2 m	NW	Huddersfield	1 1/4 m	NW

RAINFALL at Huddersfield Dalton Cam EndCounty of W. R. YorkshireObserver J. W. RobinsonRiver Basin Onne - Aire - Calder SW. J. Robinson7. May. 1918

Rain Gauge, by _____

Diameter ...	8										
Height	10										
Altitude ...	356 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.05	.85	4.03	2.59	2.19	3.94	2.72	2.34	2.33	4.67	
February ...	2.83	2.35	1.94	1.08	2.28	3.78	5.41	.85	4.44	2.05	
March .....	.40	1.26	3.09	4.47	3.02	1.03	4.75	2.67	1.28	5.00	
April	2.66	1.23	.76	3.40	1.00	1.36	1.72	2.46	1.12	1.40	
May	2.49	2.20	3.29	2.44	1.36	2.37	2.12	2.72	2.89	1.49	
June	3.92	2.77	4.14	1.23	2.76	2.21	1.75	1.69	1.77	.58	
July	2.36	.44	3.83	1.10	2.80	4.14	1.66	1.23	3.46	3.08	
August	3.97	2.02	5.67	1.24	1.95	3.55	2.14	5.48	1.64	2.80	
September ..	.11	2.73	1.31	2.35	1.73	.67	1.02	.80	10.86	1.15	
October ...	2.59	2.55	3.67	2.85	1.83	1.43	5.17	4.46	2.42	2.22	
November ...	4.09	4.12	2.91	2.66	4.40	2.40	3.58	2.78	1.68	2.65	
December ...	3.48	3.85	3.93	2.68	6.87	7.31	2.68	2.41	5.12	4.80	
TOTALS ...	32.95	27.37	38.57	28.12	32.19	34.19	34.73	29.89	38.71	31.87	
	D	D	D	D	D	D	D	D	D	D	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.39 N	1.49 W	Huddersfield	1 m	W	Huddersfield	1 m	W

RAINFALL at Huddersfield Carr End DaltonCounty of W. B. YorkshireObserver Mr. J. HeyRiver Basin Cuse-Aire-Calder

Rain Gauge, by _____

Diameter ...	3											
Height	1	0										
Altitude ...	350											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.	
January ...	4.12	5.33	3.63	1.90	2.28	4.27	3.18					
February ...	4.01	2.0	3.25	4.53	1.29	4.53	2.43					
March	2.66	2.32	2.12	2.00	1.18	1.12	1.45					
April	4.17	93	3.53	1.92	1.78	2.62	1.73					
May	3.52	1.34	1.18	3.23	4.46	4.00	2.91					
June	2.79	13	2.40	.90	2.14	.09	2.64					
July	6.19	91	4.25	4.07	2.35	.95	2.63					
August	1.20	4.40	6.20	3.03	2.06	2.61	3.20					
September...	1.49	1.11	3.99	2.42	3.94	2.36						
October	2.63	1.57	1.03	2.99	4.02	3.53						
November...	2.13	1.92	1.75	5.58	2.10	2.36						
December...	3.20	5.57	3.88	2.48	3.75	5.37						
TOTALS...	38.11	26.33	37.21	35.37	31.35	33.81						

9/10 Huddersfield Thengbridge 15R/10

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° 39'	1° 49'	Huddersfield	1 mi	W	Huddersfield	1 mi	W