

Y 346

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -					.60	.80	1.05	1.58	3.51	.65	
February - -					.89	.34	2.23	.95	1.11	1.79	
March - - -					1.02	1.20	.45	2.05	1.58	.32	
April - - -					1.22	4.56	1.67	.70	4.01	2.94	
May - - - -					1.10	2.52	.79	1.67	1.82	.36	
June - - - -					4.59	1.53	.37	.66	1.27	2.00	
July - - - -					.43	.76	1.65	1.39	9.48	3.00	
August - - -					1.67	3.28	1.00	2.79	1.28	5.19	
September -					6.36	.05	5.10	1.76	2.76	3.27	
October - -					6.07	2.48	1.31	5.01	.92	1.21	
November -					2.25	2.06	1.07	2.56	2.77	1.27	
December -					3.51	2.96	1.25	2.24	1.84	.77	
TOTALS -					30.57	24.22	13.74	25.04	32.35	22.85	

*William Ackworth*  
*Shaffers*

*E-4-34*

30

*Y<sup>h</sup> 4*

YEAR - -	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January - -	.71	2.56	1.21	.76	3.70	1.77	1.65	3.28	1.00	1.21	1.785
February - -	3.12	1.08	.24	2.76	.57	2.69	2.02	3.16	3.35	1.94	2.093
March - - -	.42	1.62	1.17	1.34	1.49	1.67	3.39	.99	1.40	3.20	1.669
April - - -	3.44	1.60	2.53	2.72	1.83	1.06	1.48	2.00	1.58	.52	1.882
May - - - -	3.75	2.18	1.92	.54	.66	2.60	.68	1.62	3.38	.51	1.784
June - - - -	4.88	2.11	4.09	3.11	1.99	2.28	2.72	1.51	2.61	4.72	3.002
July - - - -	4.37	4.20	1.57	1.09	7.03	.63	2.33	2.64	1.82	5.23	3.091
August - - -	2.36	2.54	4.66	4.50	2.09	1.55	.69	1.39	2.59	2.57	2.494
September -	3.79	3.40	.69	1.49	1.83	2.33	2.10	2.13	1.41	3.40	2.157
October - - -	.32	2.58	1.47	2.76	.26	2.47	1.71	2.08	3.31	3.54	2.050
November -	2.21	3.60	2.78	1.32	1.16	2.02	4.67	1.65	2.01	4.50	2.592
December -	2.21	1.90	2.61	2.61	1.13	.12	1.77	2.94	.56	1.82	1.767
TOTALS -	31.58	28.37	24.94	25.06	23.74	21.19	25.21	25.39	25.02	33.16	26.366

*O-9 Howard*

# RAINFALL AT *Leckworth School* *York W.R.*

Observer.....

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January.....	1.72	1.72	1.83	1.28	1.52	.76	2.08	1.45	1.05	1.57	
February.....	1.89	1.03	.55	2.71	2.04	.72	.51	1.10	1.89	.59	
March.....	.11	.89	3.20	.91	1.77	1.80	.71	1.16	2.95	1.13	
April.....	1.51	.98	.20	1.82	.24	1.46	6.06	1.82	2.01	1.54	
May.....	3.67	3.22	1.92	2.50	.40	2.68	.90	2.93	1.03	1.78	
June.....	1.99	3.45	1.70	2.03	1.63	2.76	2.08	1.87	6.31	1.09	
July.....	2.71	4.19	3.82	3.70	2.65	3.79	2.59	.95	2.13	2.44	
August.....	2.04	2.62	1.64	3.59	2.12	4.41	3.95	2.57	3.42	1.88	
September.....	2.87	4.11	2.65	1.05	1.99	1.60	.88	.69	4.41	3.55	
October.....	.92	4.24	1.16	3.86	1.55	3.32	3.81	1.49	4.20	3.39	
November.....	4.61	2.85	3.22	2.21	2.43	1.08	1.55	1.40	.78	1.55	
December.....	.51	1.33	.74	.20	.48	2.70	.77	3.07	1.90	2.82	
TOTALS.....	24.75	30.83	22.63	26.26	18.82	27.08	25.89	20.50	32.08	23.33	25.217

Compared with "Howard's "Cycle of the Seasons" 1842 and annotations therein, lent by G. P. Hooker 1905. No differences of more than a few hundredths.



# RAINFALL AT *Ackworth School* *York W. R.*

Observer .....

Rain { By .....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January.....	1.38	1.67			1.68	.44	2.36	2.00		.49	
February.....	.55	.43			.75	2.16	1.29	.69		.98	
March.....	.32	2.32			.49	1.09	.48	2.30		1.76	
April.....	1.70	2.25			.76	.76	2.49	2.62		3.28	
May.....	1.06	1.29			1.84	1.53	5.02	1.70		.70	
June.....	2.35	2.92			2.57	1.30	2.09	2.74		2.18	
July.....	2.98	2.26			2.71	6.06	2.33	1.98		1.61	
August.....	1.58	2.36			1.57	1.54	5.71	5.43		4.35	
September.....	1.07	1.99			1.03	.48	4.20	2.36		2.28	
October.....	1.38	.94			.97	4.53	2.00	1.31		2.17	
November.....	1.89	.54			2.51	.74	1.23	1.27		1.79	
December.....	.70	1.16			2.16	.70	1.36	.19		1.87	
TOTALS ....	16.95	20.13	28.75	23.80	19.04	21.33	30.56	24.59	19.84	23.46	22.45

months of 1851 from Howard's "Cycle of the Seasons" 1842, annotated, lent by  
E. P. Moker, 1905.

Alfred Wright

5 in      + Ground 5 in.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.09	1.10	1.13	3.11	.53	1.41	1.76	2.21	2.45	2.40	
February - -	1.58	2.49	.49	.28	1.47	1.65	2.11	1.19	.77	1.15	
March - - -	1.91	2.12	3.29	.64	1.86	.64	1.36	2.17	1.27	1.40	
April - - -	.64	1.25	1.26	.68	1.38	1.91	1.16	2.68	1.77	1.90	
May - - - -	4.63	.93	2.53	.75	2.16	2.41	.79	2.54	.77	5.47	
June - - - -	3.53	1.74	1.68	2.96	1.04	1.56	2.71	2.19	1.40	.99	
July - - - -	1.64	2.57	2.14	1.59	.69	2.62	3.83	3.45	.24	.86	
August - - -	3.74	.63	1.53	3.00	.92	2.98	3.08	3.10	2.13	1.20	
September -	3.39	1.89	3.55	2.69	1.94	.30	4.68	2.60	3.98	3.45	
October - -	1.78	1.07	2.61	2.69	2.86	5.33	2.69	1.70	2.13	1.07	
November -	2.67	2.23	.46	1.55	2.87	1.94	3.55	1.00	1.01	1.94	
December -	2.55	1.16	1.16	1.15	2.03	.46	2.16	1.96	5.78	2.85	
TOTALS -	30.15	10.26	21.83	21.09	19.75	23.21	29.88	26.79	23.70	24.68	23.94

1860 - Given by S. Marshall = 30.15, also by Ford - elsewhere = 29.20

1 Tot agrees with Ford

2 " " " "

3 " " " "

4 " " " "

5 Ford Tot 23.20

6 " " 23.27

7 Given by S. Marshall = 26.35

# RAINFALL AT Ackworth School Pontefract

70

Lat.....

Lon.....

County of.....

Yorkshire W.R.

..... Rain Gauge, by.....

Observer.....

J. B. Fletcher Esq.  
J. B. Fletcher Esq.

Diameter .....	.5										
Height .....	3			1.6							
Altitude .....	35.										
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.42	.66	2.48	1.58	.71	2.32	.71	3.03		1.11	
February .....	1.47	1.64	2.18	.70	1.10	1.34	2.04	2.12		3.06	
March .....	1.89	.36	1.86	2.22	.95	.50	3.10	2.05		1.10	
April.....	.42	2.75	3.65	.85	1.14	.34	2.15	3.29		2.38	
May .....	.75	1.50	1.02	2.36	.90	1.13	.57	3.67		1.63	
June.....	1.73	5.13	4.41	.58	.72	4.65	1.87	1.73		4.20	
July.....	.68	2.71	8.07	3.04	1.36	5.01	1.64	2.96		3.93	
August.....	1.33	1.81	2.64	2.50	1.53	2.10	1.95	5.20		3.09	
September.....	.93	5.80	3.85	2.13	2.26	2.64	2.72	2.94		1.09	
October.....	5.53	1.69	4.41	1.49	2.03	4.37	2.65	2.54		1.35	
November.....	1.75	.96	3.31	1.44	2.51	3.74	3.38	2.37		1.61	
December.....	2.93	.99	3.25	.18	2.75	.65	5.61	3.28		1.17	
TOTALS.....	20.83	26.20	41.07	19.87	17.96	28.79	28.39	35.18	imp	25.77	

1871 Sept. The wettest on record except in 1824 the year in which observations were first made here when it was 5.36  
1879 Fruit trees 8ft high & 15ft distant.  
Ackworth Church  $\frac{1}{2}$  mile N.W.



# RAINFALL AT *Ackworth School*

80

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

Lon. \_\_\_\_\_ County of *Yorks*

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

Observer *W. B. Fletcher, Esq.*

*Case - Don 7.*

Diameter ....	<i>5</i>			<i>8</i>	<i>5</i>						
Height .....	<i>1.6</i>			<i>1.6</i>							
Altitude ....				<i>125T</i>	<i>135T</i>						
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>.39</i>			<i>2.75</i>	<i>2.61</i>	<i>1.19</i>	<i>2.08</i>				
February ....	<i>1.55</i>			<i>2.15</i>	<i>2.76</i>	<i>2.36</i>	<i>.45</i>				
March .....	<i>2.10</i>			<i>1.24</i>	<i>1.19</i>	<i>1.36</i>	<i>2.01</i>				
April .....	<i>2.12</i>			<i>2.15</i>	<i>1.61</i>	<i>1.43</i>	<i>1.70</i>				
May .....	<i>2.63</i>			<i>1.26</i>	<i>1.20</i>	<i>2.51</i>	<i>5.45</i>				
June .....	<i>3.48</i>			<i>2.70</i>	<i>.75</i>	<i>2.59</i>	<i>.64</i>				
July .....	<i>6.23</i>			<i>3.48</i>	<i>2.91</i>	<i>1.06</i>	<i>5.69</i>				
August .....	<i>1.67</i>			<i>1.13</i>	<i>.57</i>	<i>.78</i>	<i>1.65</i>				
September....	<i>4.39</i>			<i>4.82</i>	<i>1.38</i>	<i>1.89</i>	<i>1.07</i>				
October .....	<i>5.62</i>			<i>3.64</i>	<i>1.22</i>	<i>3.62</i>	<i>3.55</i>				
November....	<i>1.76</i>			<i>1.79</i>	<i>.89</i>	<i>2.39</i>	<i>1.36</i>				
December ....	<i>4.25</i>			<i>1.49</i>	<i>1.64</i>	<i>.49</i>					
TOTALS ....	<i>36.19</i>			<i>28.60</i>	<i>18.93</i>	<i>21.67</i>					

1883 *Ackworth Church  $\frac{3}{4}$  mile N.*

*Thermo. stand 6 ft. high 4 ft. E.*

1886 Dec<sup>r</sup>. No obs. during holidays

RAINFALL at Ackworth SchoolCounty of W YorkshreObserver E Priestman EsqRiver Basin Once Don7

Standard

Rain Gauge, by

Diameter ...		8							9		
Height .....		0 10							1.0		
Altitude ...		100	125 T						100		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...		.87	4.40	2.61	1.04	2.41	.57	2.36	1.54	3.34	
February ...		1.00	1.44	.62	1.21	2.59	3.83	47	1.89	2.27	
March .....		.96	2.49	2.28	1.73	.91	4.09	1.61	.89	4.10	
April .....		.82	.24	2.68	47	.88	.85	1.99	.92	1.67	
May .....		.65	3.93	2.38	1.45	1.25	2.22	2.07	2.22	.80	
June .....		3.64	3.79	.39	1.73	.86	.92	2.13	1.52	.89	
July .....		.18	4.21	.81	2.59	3.94	1.15	.65	3.78	4.63	
August .....		1.24	5.01	1.57	1.56	2.30	2.17	4.03	1.76	2.56	
September ..		1.87	1.58	2.22	.67	.73	1.98	.77	5.20	1.73	
October ...		2.08	2.52	3.04	2.05	.92	2.55	3.59	1.61	2.86	
November ..		2.75	1.72	1.56	2.50	2.15	2.97	.86	1.02	1.70	
December ...		3.65	1.83	1.26	4.53	6.05	1.99	1.11	3.48	3.45	
TOTALS ...		19.71	33.16	21.42	21.73	24.99	25.29	21.64	25.83	30.00	

1912. Thermometer No 6 ft high 10 ft W

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	40	1.15	Ackworth	1.32	ENE	Ackworth	1/2 m	N



RAINFALL at Ackworth SchoolCounty of W. B. YorkshireObserver E. Priestman Esq.River Basin Cuse-DowJ. S. Barr, Esq. (1927)Standard Rain Gauge, by  
J. O. (27)The Head Master.

Diameter ...	7	8			9					8	
Height .....	1.0									0.9	
Altitude ...	100									120	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	2.66	2.17	3.03	.99	1.51	1.61	2.24	1.23	4.27	1.72	3.34
February ...	1.91	.18	2.50	4.29	.79	3.52	1.71	1.05	2.21	.59	.36
March .....	1.63	.68	1.60	1.50	1.03	.67	.55	1.90	1.89	.38	2.28
April .....	3.29	1.24	2.33	1.78	1.15	2.67	1.49	1.97	.60	.75	3.29
May .....	2.17	1.46	.86	2.81	3.36	3.56	1.71	1.42	2.21	.96	2.09
June .....	1.72	.24	1.34	.98	1.88	.09	2.94	2.67	3.40	1.12	1.04
July .....	6.06	.65	3.63	4.35	3.16	.95	3.17	3.01	.18	.95	5.25
August .....	1.40	4.20	5.51	2.23	2.57	3.60	2.45	5.41	2.48	2.11	2.51
September...	1.30	1.05	2.59	2.14	2.33	2.37	.93	2.90	.79	.86	4.43
October .....	2.09	1.57	.95	1.38	3.48	2.92	2.45	1.80	3.35	2.30	2.33
November...	1.01	2.35	.84	2.16	1.87	1.83	3.51	2.88	3.83	3.93	2.08
December...	2.15	2.42	3.41	2.78	1.74	2.25	.85	2.43	.98	4.05	1.83
TOTALS...	27.39	18.21	28.59	27.39	24.87	26.04	24.00	23.67	25.99	19.72	30.83

1920 Thermometer House 6 ft high 10 ft W

1927 Trees 10 ft. high, 20 yds., E.W.S.M.

School 60 " " 100 " N.

House 30 " " 100 " E. &amp; S.E.

Garden } 70 " " 100 " W.

Road } 70 " " 100 " W.

1929 Bee Hives 3 " " 4 " S.

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	Parish Church.	Distance from gauge	Direction
	40°	1° 15'	Ackworth	1 mi	E	Ackworth	1 mi	N

RAINFALL at Ackworth SchoolCounty of West Riding Observer The HeadmasterRiver Basin Duse-Den-7

Type of Gauge .....

Annual Average 24.1 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. 5

31380/30

Diameter	8.										
Height	1.0.										
Altitude	125.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.02										
February	3.05										
March	.29										
April	3.09										
May	2.55										
June	4.75										
July	3.59										
August	(4.00)										
September	3.97										
October	1.00										
November	3.14		2.01								
December	(.74)		.84	#							
TOTALS	(32.19) NR.		imp.								

Final application sent 20/8/35.

T. 4.3.36.

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
1931			Ackworth	1	E	Ackworth	1/4	NNE

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