

RAINFALL AT *Seeds Westwood Hall*

60

4 m N of Seeds

H. L. Marshall

Rain { By
Gauge {
Diameter..... 5 in.

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

Above Mean Sea Level, 4,000. ft.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEAN.
January						1.75	2.79	2.50	3.06	2.65	
February						1.58	3.65	1.97	1.66	2.82	
March .....						.02	1.41	2.29	2.39	1.07	
April						1.07	1.50	2.92	1.50	2.14	
May						1.90	.29	2.67	1.13	5.01	
June .....						.76	2.98	1.66	.25	.60	
July						2.53	4.60	3.38	.39	.48	
August						4.18	3.89	2.95	1.99	1.81	
September ...						.19	5.45	1.03	3.81	4.54	
October						5.12	2.31	2.19	2.60	1.67	
November ...						3.07	4.11	1.26	2.25	2.02	
December						1.38	3.00	2.04	6.93	4.24	
TOTALS.....						24.37	35.98	27.66	27.96	29.85	

C C C C C

RAINFALL AT *Leeds, Treewood Hall*

70

Lat.....

Lon.....

County of *Yorkshire, W.R.*

Rain Gauge, by.....

Observer *H. B. Marshall Esq.*

Diameter .....	.5											
Height	7											
Altitude	400											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.35	.92	3.32	2.58	1.87	3.63	.93	3.93	2.99	1.35	2.387	
February.....	1.80	2.13	3.12	1.22	1.20	1.47	2.51	2.38	1.16	3.19	2.018	
March.....	1.74	.84	2.48	2.63	1.82	.54	4.06	3.02	1.03	1.62	1.975	
April.....	.79	3.46	3.67	.54	1.30	.73	2.51	3.98	2.46	2.60	2.204	
May.....	1.58	.98	1.73	3.21	.85	1.57	1.06	2.24	5.14	1.62	1.998	
June.....	1.96	3.60	4.54	1.23	.75	2.30	2.30	1.77	3.86	4.51	2.682	
July.....	.68	2.80	5.40	2.81	1.78	3.67	2.16	3.87	1.01	2.99	2.717	
August.....	2.38	.99	2.94	2.52	2.31	2.50	2.51	4.64	6.24	4.09	3.112	
September.....	1.00	6.34	3.96	1.71	2.17	2.90	3.85	3.31	3.09	1.35	2.968	
October.....	6.77	2.98	4.79	2.11	2.38	4.31	3.17	3.80	2.69	.93	3.393	
November.....	2.13	.88	4.45	2.04	2.47	4.09	3.16	2.81	2.88	1.53	2.644	
December.....	3.24	1.37	3.03	.44	2.78	1.16	6.72	2.30	1.69	1.46	2.419	
TOTALS.....	26.42	27.29	43.43	23.04	21.68	28.87	34.94	38.05	34.24	27.24	30.520	

C C C

RAINFALL AT

Leds. Nestwood Hall

80

Lat. _____

Lon. _____

County of *Yorks*

Rain Gauge, by _____

Observer *H. C. Marshall, Esq.*

Cuse - Air - 9

Diameter	<i>5</i>											
Height	<i>7</i>											
Altitude	<i>400 ft</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.21</i>	<i>.47</i>	<i>2.44</i>	<i>3.96</i>	<i>3.90</i>	<i>1.54</i>	<i>4.48</i>					
February	<i>2.24</i>	<i>3.85</i>	<i>1.97</i>	<i>2.22</i>	<i>2.45</i>	<i>2.64</i>	<i>.65</i>					
March	<i>2.09</i>	<i>4.67</i>	<i>2.50</i>	<i>1.38</i>	<i>1.83</i>	<i>1.64</i>	<i>2.65</i>					
April	<i>2.32</i>	<i>1.76</i>	<i>4.08</i>	<i>3.31</i>	<i>2.24</i>	<i>1.65</i>	<i>1.94</i>					
May	<i>2.32</i>	<i>1.41</i>	<i>1.33</i>	<i>1.16</i>	<i>1.12</i>	<i>2.60</i>	<i>5.10</i>					
June	<i>3.29</i>	<i>2.19</i>	<i>3.55</i>	<i>3.43</i>	<i>.92</i>	<i>2.85</i>	<i>.90</i>					
July	<i>4.84</i>	<i>2.66</i>	<i>3.73</i>	<i>3.40</i>	<i>4.88</i>	<i>1.11</i>	<i>4.56</i>					
August	<i>1.47</i>	<i>4.13</i>	<i>2.09</i>	<i>2.57</i>	<i>1.17</i>	<i>.98</i>	<i>2.91</i>					
September	<i>3.86</i>	<i>2.84</i>	<i>2.02</i>	<i>5.4</i>	<i>2.04</i>	<i>3.64</i>	<i>1.40</i>					
October	<i>4.59</i>	<i>3.49</i>	<i>4.14</i>	<i>3.21</i>	<i>1.33</i>	<i>5.09</i>	<i>4.16</i>					
November	<i>2.57</i>	<i>3.50</i>	<i>3.58</i>	<i>3.09</i>	<i>1.24</i>	<i>2.07</i>	<i>1.72</i>					
December	<i>4.31</i>	<i>2.74</i>	<i>4.5</i>	<i>1.20</i>	<i>2.40</i>	<i>.61</i>	<i>3.49</i>					
TOTALS	<i>34.11</i>	<i>33.71</i>	<i>35.35</i>	<i>34.07</i>	<i>25.32</i>	<i>26.42</i>	<i>34.26</i>					

RAINFALL AT

Leeds Westwood Lodge

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

J. P. Reay Esq

Onse - Aire 9

Diameter					5							
Height					9							
Altitude					400							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January					1.00	3.95	.42	1.79	.70			
February					3.69	.26	.84	2.55	1.35			
March					1.42	2.01	2.68	2.17	.70			
April					2.69	1.71	1.12	1.62	2.35			
May					1.54	.52	.59	.91	1.84			
June					2.88	3.50	4.17	3.58	1.55			
July					2.91	5.44	1.70	.68	.77			
August					2.43	2.06	2.20	2.70	3.58			
September....					.65	.82	3.62	2.19	.42			
October					4.46	3.08	3.84	1.61	3.99			
November....					1.34	2.80	1.70	1.87	2.46			
December					1.43	2.97	3.31	3.06	1.75			
TOTALS . . .					26.44	29.12	26.19	24.73	21.46			

1894 St Chad's Church 1/2 mile S.W. by W
House 30ft high 25ft N.W.
1897 St Chad's 1/2 mile
1899 1898 Values printed by mistake

N.B. Rejected from survey as 2' low.

RAINFALL AT *Seeds Westwood Lodge*

Lat. Lon. County of *York W.R. Central*
 Rain Gauge, by Observer *J. R. Reay Esq.*

Dist. - One q.

Diameter ..	5										
Height	0 9										
Altitude ..	400 T							200			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.69	1.52	1.32	1.74	2.30	.48	2.89	.66	.92	.99	1.651
February ..	5.19	1.11	1.25	1.39	2.65	.82	1.75	1.36	1.03	.54	1.709
March ....	.67	2.11	.63	2.95	1.45	1.85	1.38	1.48	3.39	2.83	1.874
April .....	.86	2.56	1.20	.78	1.48	1.54	.38	1.05	2.59	2.81	1.525
May	1.05	.97	2.52	2.88	2.90	1.04	1.90	2.87	2.13	1.96	2.022
June	2.88	1.60	2.07	1.63	1.51	1.53	1.26	4.11	.73	2.42	1.974
July	3.45	1.05	2.12	3.00	2.79	1.48	1.26	1.87	2.84	3.26	2.312
August	4.71	1.23	3.10	2.76	3.29	4.09	1.84	1.81	1.47	2.55	2.685
September ..	.76	1.03	.99	3.73	.75	1.47	.55	.85	2.81	1.54	1.448
October	2.95	1.73	2.63	6.98	.68	1.73	4.21	5.00	1.40	2.16	2.947
November ..	3.09	3.31	1.51	1.45	2.13	3.35	3.12	3.52	1.23	.38	2.309
December ..	2.85	3.99	1.91	.90	1.48	.59	2.22	2.58	1.67	4.38	2.257
TOTALS ..	32.15	22.21	21.25	30.19	23.41	19.97	22.76	27.16	22.21	25.82	24.713

1901 St Chads Church 1/2 mile S.W. by W
 House 30 ft high 25 ft N.W.
 1906 Headingly Station 1 1/2 miles S
 Tree 40 ft high 70 ft W

N.B. Requested from Survey as 2' low.

RAINFALL at Leeds Westwood LodgeCounty of W YorkshreObserver F. P. Reay EsqRiver Basin Onse-Aire 9

Rain Gauge, by _____

Diameter ...	5											
Height	0.9											
Altitude ...	2007											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.34											
February ...	2.51											
March	3.0											
April	2.13											
May	1.78											
June	2.78											
July	3.11											
August	3.29											
September ..	.12											
October ...	2.83											
November ..	3.76											
December ...	2.31											
TOTALS ...	26.76											

NB. Rejected from Survey as 2' low.

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

RAINFALL at Leeds Westwood - GarthCounty of W. R. YorkshireObserver ^{Inst. F.} (D. H.) Gatt Esq. J.C.River Basin Cuse. Aire 9Color J. B. Ledgard.Howard Rain Gauge, by L. R. Stone

Diameter ...	5"											
Height	0	6	8							1.0		
Altitude ...	300											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Mean
January ...	3.72	4.07	4.10		1.99	2.57	2.89	2.24	6.05	2.12	4.51	
February ...	1.79	1.15	2.98		.80	4.34	2.49	1.10	2.61	.36	.96	
March	2.47	1.45	1.65		1.43	1.00	1.08	2.09	2.44	.20	2.60	
April	3.75	1.51	2.91		1.68	3.50	1.35	2.67	0.62	1.22	3.08	
May	2.80	1.25	.69		3.83	4.00	2.89	1.86	1.56	1.36	1.55	
June	1.92	.03	1.61		2.27	.21	4.26	2.83	4.66	1.05	1.65	
July	7.16	.75	2.60		3.30	1.70	2.75	5.07	0.53	2.44	4.01	
August	1.86	4.12	5.29		2.87	2.07	3.04	5.05	4.10	2.07	3.34	
September...	1.41	1.12	2.80		2.82	3.03	1.40	3.75	0.37	.44	3.73	
October	2.72	1.88	.91		2.88	3.44	3.13	2.58	5.55	2.99	3.32	
November...	1.42	2.62	1.60		2.88	2.35	3.64	2.82	5.58	4.80	3.51	
December...	3.03	3.78	2.93		2.74	3.44	1.11	2.35	1.58	5.65	2.52	
TOTALS...	34.05	22.73	30.07		29.19	31.65	30.03	34.51	33.55	24.70	34.78	✓

1920 Tree 20 ft high 31 ft S

1924. House 5 ft high 45 ft N.
Shed 25 ft S. & W.

1928. House 20 ft. high. 20 ft. N.E.

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
1920			Headingley	2 mi	S.W.	Headingley	1 mi	S.W.
1924	53° 50' 4"	1° 34' 47"						

RAINFALL at Leeds (Westwood Garth)

County of West RidingObserver Mrs. F. Galt, J.P. died 1941River Basin Ouse - Aire - G.Type of Gauge HowardAnnual Average 27.7 in. based on 15 years obs. un-weighted. Period of average 1881-1915 Ref. 3

821962/28

Diameter	5.										
Height	1.0.										
Altitude	300.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.95	1.78	1.54	1.70	1.18	3.66	3.21	3.21	5.40		
February	2.42	.41	4.21	.32	4.06	2.59	3.58	1.37	1.91		
March	1.00	1.77	1.54	2.03	2.05	2.41	3.66	.33	3.27		
April	3.73	2.90	1.19	3.07	2.41	2.09	2.66	.10	0.98		
May	2.46	5.42	3.45	1.34	.98	2.27	2.53	4.56	2.06		
June	6.36	.77	1.33	1.43	4.32	5.01	2.53	2.46	2.11		
July	3.08	2.61	2.33	2.70	.43	3.24	1.82	4.38	4.91		
August	4.27	.94	.40	1.24	1.59	2.01	.82	4.66	1.65		
September	4.66	2.12	1.76	2.95	5.61	2.96	1.54	2.47	1.42.		
October	1.26	4.69	3.72	2.04	5.49	2.17	2.62	3.59	2.26		
November	4.74	2.11	2.37	2.38	4.48	3.16	2.18	3.54	3.77		
December	.90	1.00	.59	4.33	2.68	1.90	2.92	2.91	1.61		
TOTALS	36.83	26.52	24.43	25.53	35.28	33.27	30.07	35.58	31.35		NR#
	d	d	d	d	d	d	d	d	d		

1931 House 20 ft NE.
 1934 House 30' high 15 yds. N.
 1940 Stn. Tr.

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			Headdingley	2 miles	SW	St Chads Headdingley	$\frac{3}{4}$	SW