

13 OCT 20

# RAINFALL AT *Dulcigh Court, Bideford*

Lat. *50° 59'* Lon. *4° 14'* County of *Devon* N.

Rain Gauge, by

Observer *Gertrude L. Rogers (Mrs.)*

*Terrace - 3.*

Diameter. . . . .	<i>5 ins.</i>										
Height. . . . .	<i>1 ft.</i>										
Altitude. . . . .	<i>260 ft.</i>										
Year . . . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January. . . . .									<i>3.03</i>	<i>3.88</i>	
February. . . . .									<i>1.52</i>	<i>5.99</i>	
March. . . . .									<i>2.83</i>	<i>1.15</i>	
April. . . . .									<i>3.53</i>	<i>1.85</i>	
May. . . . .									<i>5.27</i>	<i>3.08</i>	
June. . . . .									<i>2.99</i>	<i>5.83</i>	
July. . . . .									<i>2.37</i>	<i>4.73</i>	
August. . . . .									<i>5.81</i>	<i>6.13</i>	
September. . . . .									<i>4.25</i>	<i>4.16</i>	
October. . . . .									<i>8.40</i>	<i>2.28</i>	
November. . . . .									<i>4.00</i>	<i>0.83</i>	
December. . . . .									<i>8.69</i>	<i>2.85</i>	
TOTALS. . . . .									<i>47.69</i>	<i>47.76</i>	

*1870-1915 used. 13. X. 20.*

*Field. XI-22.*

*1878 cond. for anal. XI-22.*

18.00.20

# RAINFALL AT

Orleigh Court, Biddeford

Lat. 50° 59'

Lon. 4° 14'

County of N. Devon N.

Torridge -- 3

Torridge - 3.

Rain Gauge, by

Observer Gertrude L. Rogers (Mrs.)

Diameter ....	5 ins.												
Height .....	1 ft.												
Altitude ....	260 ft.												
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	Total	
January ....	1.33	1.10	4.41	6.06	6.92	4.11	7.14	4.92	2.73	2.93	4.16	41.65	
February ....	5.92	4.72	2.72	6.82	5.44	5.84	1.22	1.62	1.79	3.94	4.00	40.03	
March .....	2.65	4.15	2.67	1.17	4.18	1.75	5.15	2.00	5.96	4.09	3.37	33.77	
April .....	2.80	0.89	5.35	1.43	2.31	2.90	3.70	2.12	1.38	1.87	2.47	24.78	
May .....	1.80	1.37	3.20	2.46	2.00	3.13	4.32	1.58	1.83	3.45	2.51	25.14	
June .....	2.32	3.34	3.02	3.80	1.52	3.52	1.22	0.95	3.05	1.21	2.39	23.95	
July .....	6.38	2.81	5.91	3.95	3.50	1.34	3.43	1.38	4.86	4.62	3.81	38.18	
August .....	1.54	5.36	5.53	2.18	2.35	2.10	1.59	1.24	3.57	3.69	2.91	29.18	
September....	3.77	2.39	6.36	7.04	3.00	7.04	3.08	6.51	1.93	1.76	4.28	42.83	
October .....	7.82	4.01	7.46	6.26	3.17	8.59	9.28	3.15	2.62	5.87	5.77	57.73	
November ....	6.06	6.48	9.01	7.53	3.24	6.65	5.17	5.95	9.42	3.50	6.30	63.01	
December ....	7.51	6.59	7.79	3.48	9.21	2.78	8.95	4.70	6.76	3.85	6.16	61.62	
TOTALS ....	49.40	43.21	63.43	52.18	46.84	49.75	54.25	36.12	45.90	40.78	48.18	481.6	

1875-1918

Read as data incorporated in 10 yrs book X1.22

# RAINFALL AT

*Orleigh Court, Bideford*

*Littleham* 18 OCT. 20

Lat. *50° 59'*

Lon. *4° 14'*

County of *N Devon*

N.

Rain Gauge, by

Observer

*Gertrude L. Rogers (Mrs.)*

*Donage - 3.*

Diameter ....	<i>5 ins.</i>											
Height .....	<i>1 ft.</i>											
Altitude ....	<i>260 ft.</i>											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	<i>7.81</i>	<i>4.70</i>	<i>2.91</i>	<i>2.87</i>	<i>5.18</i>	<i>4.11</i>	<i>1.46</i>	<i>2.42</i>	<i>2.97</i>	<i>9.31</i>	<i>4.37</i>	<i>43.74</i>
February ....	<i>1.13</i>	<i>0.82</i>	<i>2.76</i>	<i>6.80</i>	<i>4.74</i>	<i>10.10</i>	<i>1.06</i>	<i>5.57</i>	<i>2.70</i>	<i>3.69</i>	<i>2.93</i>	<i>29.37</i>
March .....	<i>1.96</i>	<i>1.77</i>	<i>1.35</i>	<i>1.52</i>	<i>4.83</i>	<i>4.98</i>	<i>5.65</i>	<i>5.91</i>	<i>1.47</i>	<i>2.01</i>	<i>3.14</i>	<i>31.45</i>
April .....	<i>3.70</i>	<i>2.02</i>	<i>2.35</i>	<i>0.64</i>	<i>1.78</i>	<i>2.13</i>	<i>1.18</i>	<i>5.16</i>	<i>2.25</i>	<i>4.07</i>	<i>2.52</i>	<i>28.28</i>
May .....	<i>2.64</i>	<i>4.79</i>	<i>1.57</i>	<i>2.02</i>	<i>3.27</i>	<i>0.65</i>	<i>0.16</i>	<i>1.55</i>	<i>4.87</i>	<i>3.28</i>	<i>2.48</i>	<i>24.80</i>
June .....	<i>2.57</i>	<i>3.56</i>	<i>1.88</i>	<i>0.74</i>	<i>1.76</i>	<i>1.14</i>	<i>1.25</i>	<i>1.52</i>	<i>3.96</i>	<i>1.00</i>	<i>1.93</i>	<i>19.38</i>
July .....	<i>4.31</i>	<i>3.00</i>	<i>3.63</i>	<i>6.52</i>	<i>2.95</i>	<i>5.36</i>	<i>1.55</i>	<i>2.47</i>	<i>0.78</i>	<i>1.41</i>	<i>3.19</i>	<i>31.98</i>
August .....	<i>4.12</i>	<i>8.04</i>	<i>4.67</i>	<i>3.59</i>	<i>4.42</i>	<i>4.33</i>	<i>2.65</i>	<i>5.02</i>	<i>3.61</i>	<i>2.51</i>	<i>4.29</i>	<i>42.96</i>
September....	<i>1.57</i>	<i>4.19</i>	<i>4.80</i>	<i>4.12</i>	<i>2.41</i>	<i>0.90</i>	<i>7.65</i>	<i>7.71</i>	<i>2.00</i>	<i>4.42</i>	<i>3.97</i>	<i>39.77</i>
October .....	<i>4.87</i>	<i>9.32</i>	<i>6.33</i>	<i>6.23</i>	<i>6.86</i>	<i>7.44</i>	<i>5.41</i>	<i>1.96</i>	<i>8.52</i>	<i>6.18</i>	<i>6.31</i>	<i>63.12</i>
November....	<i>6.73</i>	<i>4.03</i>	<i>3.28</i>	<i>3.37</i>	<i>9.54</i>	<i>7.57</i>	<i>1.85</i>	<i>3.33</i>	<i>3.66</i>	<i>4.84</i>	<i>4.82</i>	<i>48.20</i>
December ....	<i>2.34</i>	<i>7.84</i>	<i>3.89</i>	<i>7.00</i>	<i>5.19</i>	<i>5.22</i>	<i>7.30</i>	<i>8.46</i>	<i>6.24</i>	<i>4.68</i>	<i>5.81</i>	<i>68.16</i>
TOTALS ...	<i>43.75</i>	<i>54.08</i>	<i>39.42</i>	<i>45.42</i>	<i>52.93</i>	<i>43.93</i>	<i>37.17</i>	<i>51.08</i>	<i>43.03</i>	<i>47.40</i>	<i>45.82</i>	<i>468.21</i>

1878-1918 rec. x. 20 in. x. 21



RAINFALL at Littleham, Orleigh Court.

County of Devon. N.

Observer. W. H. Rogers Esq.

River Basin Dorridge - 3.

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

Diameter ...	5										
Height .....	1.0										
Altitude.....	260										
Year .....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January.....	6.58	3.09	3.72	7.14	6.62	2.25	8.63	3.19	3.68	3.91	
February ...	6.78	1.77	1.66	4.00	7.04	2.53	6.55	2.93	3.68	1.05	
March .....	1.81	3.12	3.20	7.77	1.81	6.97	3.44	2.30	4.83	5.92	
April .....	1.79	4.61	1.86	1.94	1.71	2.60	1.66	5.26	3.14	2.86	
May .....	2.17	1.13	3.16	3.24	3.57	.31	3.90	3.33	2.21	2.21	
June .....	3.54	3.28	4.33	1.66	1.69	3.75	1.68	4.23	1.32	2.32	
July .....	.59	2.02	2.07	3.91	5.43	1.55	1.08	2.21	2.71	2.61	
August .....	3.46	2.69	(3.11)	5.20	2.99	5.61	2.82	3.54	4.32	1.91	
September...	2.14	3.54	4.28	5.15	2.98	2.56	1.13	1.07	3.51	2.68	
October.....	5.60	4.74	4.54	4.29	4.21	3.51	7.14	7.12	1.92	10.73	
November...	6.43	2.72	5.23	4.16	5.36	6.15	5.72	4.14	2.43	2.36	
December ...	8.96	7.40	4.18	4.84	4.83	2.35	4.33	7.39	5.14	8.41	
TOTALS ...	49.85	40.11	41.34	63.30	48.24	40.84	48.08	46.71	38.90	46.77	

$\frac{1871-1897}{1900-1897} = 12.20$  Rule x 22

1900 22c 70h. 4x 16h. S.  
2. 11m 100h. 31h. N.

why (?) any.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1900	50° 59'	4° 14'	Bideford	4 1/2 mi	N.E.	Burkland Brewer	1 mi	S.E.

RAINFALL at Bideford, Orleigh CourtCounty of Devonshire, N.Observer W. H. Rogers, Esq.River Basin Yarridge - 3.

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

Diameter ...										5	
Height .....										10	
Altitude.....										260	
Year .....	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January.....	3.11	2.34	4.99	7.56	2.77	5.73	3.80	2.02	5.77	5.88	
February .....	7.83	3.95	2.81	3.24	5.65	8.25	8.04	1.21	2.81	3.83	
March .....	1.02	2.64	7.91	7.36	8.29	1.13	3.80	3.02	2.42	5.90	
April .....	2.74	2.99	.70	7.28	2.35	1.74	1.80	2.71	3.10	3.27	
May .....	2.62	1.54	1.68	2.65	1.70	4.31	2.42	1.03	1.37	1.38	
June .....	3.36	3.88	9.35	2.97	1.82	1.42	3.01	5.64	1.84	1.71	
July .....	3.30	.56	4.65	.71	3.94	4.03	.82	2.99	5.33	1.22	
August .....	5.15	4.26	11.17	.92	5.64	1.89	3.69	6.00	3.67	2.81	
September...	.32	3.68	1.29	2.30	3.05	1.66	2.98	3.20	9.93	1.82	
October.....	6.90	5.34	7.85	5.23	2.54	4.68	7.21	9.80	3.06	2.06	
November...	8.34	8.07	4.33	7.02	5.84	3.52	6.67	3.67	3.68	7.74	
December...	8.35	10.59	9.57	5.06	9.68	13.27	4.54	1.53	7.59	8.68	
TOTALS .....	53.04	49.84	66.30	52.30	53.27	51.63	48.78	42.82	50.57	46.30	D

1918-19 used 15. x .20. Ent. 21.22

1910 Loc 70 ft. E. 10 ft. S.  
 1919 Anglethorne 60 ft. 36 ft. N.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	50° 59'	4° 14'	Bideford	4 mi	N.E.	Buckland House	1 mi	S.E.

RAINFALL at Littleham (Orleigh Road)County of North DevonObserver W. B. Rogers, Esq.River Basin 3

(1928) B.A. Rain Gauge, by

Diameter ...	5										
Height .....	1.0										
Altitude ...	260										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...	6.70	5.38	4.44	2.89	4.85	5.12	6.62	7.55	7.44	1.55	7.25
February ...	3.15	2.8	5.46	7.63	1.23	7.66	2.76	3.83	3.65	1.36	1.56
March .....	4.82	3.41	4.71	1.68	2.31	1.17	.89	6.35	4.74	.60	2.58
April .....	5.52	.90	4.10	2.77	3.93	2.50	1.80	2.05	1.49	.82	2.55
May .....	2.71	1.83	1.47	2.83	3.99	5.50	2.89	1.23	1.42	4.12	3.10
June .....	3.64	.11	1.56	1.25	2.09	.04	1.96	2.93	2.48	2.62	.92
July .....	5.25	1.40	3.37	3.66	4.62	2.79	2.06	4.56	2.43	3.32	4.39
August .....	2.56	3.68	3.43	3.74	6.07	3.29	4.50	9.20	3.63	3.91	3.89
September...	4.20	2.79	3.04	7.34	6.35	3.73	1.76	(9.00)	1.73	.74	5.41
October .....	5.70	2.12	2.07	8.44	6.43	5.45	3.97	(3.14)	8.54	8.40	6.36
November...	2.98	3.43	2.38	5.71	(3.80)	4.60	11.35	(4.24)	5.64	10.04	5.20
December...	4.80	4.15	7.65	5.63	(6.40)	4.53	1.06	2.86	5.22	8.71	7.16
TOTALS...	52.03	29.28	43.68	53.59	imp	46.48	41.62	(56.99)	48.41	46.19	50.37
	D	D	D	D	D	D	D	D	D	D	D

Cont for W.D. in 1923.

1924. Nov. Dec. unreliable: gauge tampered with.

1927. Sept Oct Nov can be by own pt.

1928. New B.A. copper gauge installed 1/1/28

has + Dec. 1924

computed from  
new ch.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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	50° 59'	2° 14' W.	Bideford	3 m.	N. E.	Backland Burying.	1 m.	S. W.



RAINFALL at Littleham (Orleigh Court)County of North DevonshireObserver W. H. Rogers, Esq.River Basin Torridge - 3

Type of Gauge

Annual Average 44.5 in. based on 35 years obs. un-weighted. Period of average 1881/1915 Ref. \$  
826953/18Revised 11/37 See File.

Diameter	5.										
Height	1.0.										
Altitude	260.							264			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.29	4.56	3.70	4.38	1.54	5.59	5.30	6.36	6.97		
February	3.12	.02	3.03	.31	4.04	2.42	6.87	1.47	2.97		
March	1.72	2.15	3.91	2.90	1.30	2.34	3.64	.41	1.88		
April	2.77	2.78	1.78	2.87	4.98	2.12	3.52	.24	2.46		
May	3.94	4.62	2.71	2.18	1.66	.95	2.43	3.89	1.07		
June	5.07	1.02	1.81	2.02	3.85	2.55	1.74	3.68	1.99		
July	5.16	3.58	2.43	.55	.80	7.96	1.98	4.59	5.82		
August	6.14	3.58	1.51	4.72	3.41	.81	1.97	7.27	3.60		
September	1.93	4.86	1.70	3.90	5.77	2.54	4.27	2.62	.94		
October	1.15	13.97	6.32	4.66	7.83	2.46	2.63	9.30	3.21		
November	7.64	3.07	1.68	2.76	5.87	5.37	1.98	7.63	13.59		
December	2.47	3.12	1.55	10.63	4.46	4.46	4.91	5.13	3.40		
TOTALS	45.40	47.33	32.13	41.88	45.51	39.57	41.24	52.59	47.90	#	
	D	D	D	D	D	D	D	D	D		

1940. Sh. T.

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