

Dartmoor

Morley Clay Works

Lee Moor, Shaugh Prior.

Mrs Phillips
W. Martin

2 m. W. of Shell Tor

E-3-60

5 in
Tamar & C -- 2

+ ground 2 in + Sea Level 900 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	(4.00)	4.13	7.85	7.96	5.38	11.50	11.33	9.68	9.00	9.16	(8.499)
February - -	(3.00)	6.36	2.20	2.66	3.54	6.90	7.25	5.49	3.15	0.78	(4.933)
March - -	#5.85	8.00	9.50	3.60	3.22	4.34	5.50	11.20	5.48	3.91	6.060
April - - -	2.81	1.31	6.03	3.03	1.88	1.13	3.30	4.92	5.28	2.92	3.261
May - - - -	6.53	.47	3.47	3.97	1.40	4.19	2.10	5.23	3.70	7.73	3.879
June - - - -	12.58	5.75	4.80	6.55	4.01	1.45	4.90	1.90	1.50	.67	4.411
July - - - -	4.36	9.00	5.84	1.93	2.84	4.04	2.96	7.15	.43	2.45	4.180
August - - -	9.80	3.28	4.86	5.46	1.58	8.46	6.84	2.90	5.96	1.48	5.062
September -	4.78	6.04	6.60	7.13	6.42	.13	16.24	3.79	6.40	0.10	6.563
October - - -	5.25	5.00	12.40	8.04	3.20	11.50	3.30	8.61	8.25	3.42	6.977
November -	6.07	7.46	2.55	5.22	8.17	7.43	4.98	2.34	5.10	5.17	5.579
December -	8.20	5.23	0.47	7.20	5.58	7.56	7.35	5.87	13.29	7.48	7.623
TOTALS -	(79.03)	62.53	74.57	63.53	47.22	69.43	76.05	69.08	67.54	61.27	67.027

c c c c c c c c c c c

7.8.66 record + overflow

1866 January 15.33 was recorded, but it was believed an error of 4.00 was made in the 2nd week. Sept. 3rd 7 p.m. to 5th 7 a.m. = 3.05 and a greater flood than for 30 years.

Gauge on Looe in front of House aspect SE
1868 No rain in Sept till 21st Snow on 19th Oct fell to the in Nov to the 21st only 1.20 since which it has rained more or less every day to the 31st of Dec.

RAINFALL AT *Dartmoor Lee Moor*

70

Lat..... Lon..... County of... *D. Devon.*
 Rain Gauge, by..... Observer *W. L. Martin Esq.*

Tamar & C - 2

Diameter .....	.5										
Height .....	.5										
Altitude	860.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.99	6.83	16.38	11.15	9.47	12.20	3.11	12.75	4.06	8.62	8.56
February.....	3.36	4.85	8.88	5.03	6.03	1.58	8.97	4.47	4.10	8.18	5.545
March	6.29	3.23	8.58	6.04	2.45	2.02	5.82	5.45	2.75	1.47	4.410
April	- .30	10.50	5.12	.91	3.91	2.65	5.86	8.19	6.53	4.65	4.662
May	3.25	.40	2.61	2.57	.90	3.78	.48	6.43	7.06	4.36	3.179
June.....	.68	4.44	7.69	3.78	2.56	6.75	3.01	2.88	5.83	13.38	5.100
July.....	1.70	10.20	5.21	6.22	2.56	7.68	3.30	6.96	2.92	8.74	5.549
August.....	1.73	3.64	2.38	8.62	6.28	6.31	6.93	8.80	8.99	9.76	6.344
September.....	3.49	7.02	5.91	3.17	9.70	8.08	10.11	3.58	4.19	8.40	6.445
October.....	7.75	7.45	8.51	4.76	11.05	10.49	5.89	6.29	5.95	3.23	7.137
November.....	4.15	1.95	10.31	6.84	5.95	7.64	7.17	12.89	4.75	.64	6.229
December.....	3.80	9.34	11.23	.98	8.68	3.48	18.75	4.55	7.15	2.82	7.078
TOTALS	404.9	70.65	90.81	60.07	69.54	72.61	79.40	83.24	64.28	74.25	70.534

c e c

RAINFALL AT *Lee Moor, Dartmoor*

Lat.

Lon.

 County of *Devon*

Rain Gauge, by

 Observer *N. L. Martin, Esq.*
Tamar & C - 2

Diameter	<i>5</i>										
Height	<i>9</i>										
Altitude	<i>860 ft</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>1.62</i>	<i>5.60</i>	<i>3.90</i>	<i>7.95</i>	<i>7.10</i>						
February	<i>7.00</i>	<i>8.09</i>	<i>4.14</i>	<i>10.05</i>	<i>6.65</i>	<i>5.38</i>					
March	<i>3.66</i>	<i>7.63</i>	<i>2.84</i>	<i>2.44</i>	<i>6.50</i>	<i>3.87</i>					
April	<i>4.06</i>	<i>1.90</i>	<i>8.61</i>	<i>1.75</i>	<i>2.57</i>	<i>6.88</i>					
May	<i>1.00</i>	<i>2.13</i>	<i>2.05</i>	<i>4.99</i>	<i>2.36</i>						
June	<i>4.19</i>	<i>5.90</i>	<i>6.24</i>	<i>8.09</i>	<i>1.56</i>	<i>3.60</i>					
July	<i>5.86</i>	<i>3.95</i>	<i>7.44</i>	<i>5.62</i>	<i>6.49</i>	<i>1.40</i>					
August	<i>1.08</i>	<i>8.42</i>	<i>0.16</i>	<i>3.09</i>	<i>2.58</i>	<i>1.90</i>					
September	<i>6.85</i>	<i>3.93</i>	<i>6.21</i>	<i>5.57</i>	<i>4.39</i>	<i>8.32</i>					
October	<i>7.55</i>	<i>6.06</i>	<i>9.10</i>	<i>5.36</i>	<i>1.76</i>	<i>9.57</i>					
November	<i>6.37</i>	<i>9.04</i>	<i>7.30</i>	<i>7.33</i>	<i>4.20</i>	<i>6.24</i>					
December	<i>6.43</i>	<i>6.78</i>	<i>0.57</i>	<i>2.00</i>	<i>7.37</i>						
TOTALS ...	<i>55.17</i>	<i>69.43</i>	<i>74.56</i>	<i>68.24</i>	<i>53.53</i>						

1884 St Mary's Church 2 miles W.

1641/5

RAINFALL AT Lee Moor Clay Works

Lat. _____

Lon. _____

County of Devon

Rain Gauge, by _____

Observer J Martin Esq

Tamar & C -2

Diameter			8								
Height			16			0	10	1	0		
Altitude			900					950			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			2.64	4.42	6.88	7.91	3.37	4.82	2.33	9.13	
February			4.48	8.85	5.38	.12	1.24	6.75	3.23	6.45	
March			2.05	1.55	3.88	5.00	6.66	7.69	2.21	1.45	
April			2.01	1.02	4.25	4.65	.87	6.65	3.19	5.55	
May			1.50	2.68	4.28	1.06	.15	3.14	4.40	3.53	
June			3.03	1.80	3.50	2.81	2.59	3.55	2.78	2.43	
July			2.41	7.69	6.47	6.13	3.46	1.21	.75	2.54	
August			7.96	3.00	4.95	5.64	3.79	8.10	5.13	2.15	
September....			3.41	4.70	3.59	1.10	8.69	4.41	2.68	3.23	
October			7.35	6.21	8.21	6.02	6.02	2.12	9.32	5.25	
November....			5.49	3.38	10.55	10.30	2.34	3.31	5.90	4.94	
December			3.35	7.13	7.76	8.48	13.35	11.44	8.45	4.95	
TOTALS			45.68	52.43	69.70	59.22	52.53	63.19	50.37	51.60	

1897 Shagel Church 2 miles W
Tree 10 ft high 50 ft

RAINFALL AT Lee Moor Clay Works Leeds

Lat. Lon. County of West

Rain Gauge, by Observer J. Martin Esq.

Weekly Tamas and C-2

Diameter ..	8										
Height	16										
Altitude ..	950 ^T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...	9.18	5.06	3.86	6.48	10.04	3.22	11.42	3.00	[*] 347	3.05	
February ...	9.49	1.65	2.85	3.70	9.00	1.80	6.70	3.23	428	.74	
March	3.25	4.85	4.10	8.67	3.43	9.09	2.30	2.17	644	8.47	
April	2.00	6.01	3.27	2.69	3.21	4.07	1.54	8.22	441	3.37	
May	3.02	2.37	2.63	4.22	5.43	1.23	6.77	4.83	375	1.83	
June	6.41	3.28	3.97	1.72	2.33	3.54	2.23	5.95	105	3.32	
July	2.00	1.87	3.56	6.84	8.03	1.70	2.32	2.94	402	6.34	
August	5.06	4.42	4.29	6.52	4.54	7.32	4.62	4.30	589	3.41	
September ..	2.50	5.65	2.59	5.69	4.78	2.70	1.71	3.05	402	2.72	
October	3.96	4.70	5.32	13.28	3.62	2.91	8.33	10.66	303	13.80	
November ..	7.55	.95	8.35	4.38	3.12	9.05	5.30	5.69	305	1.90	
December ...	11.36	10.82	4.94	8.33	6.73	2.50	4.35	8.12	679	11.30	
TOTALS ..	65.78	51.63	49.73	72.52	64.26	49.13	57.59	62.15	50.70	60.25	58.374

1903 Cornwood Station 3 m N
 302/7/64 Monthly values assessed on private basis
 from Bichely Robinson's Res. readings.

RAINFALL at Lee Moor Clay WorksCounty of South DevonObserver J. Martin Esq R MarkingRiver Basin Tamar + C 2Rain Gauge, by N 3

windy

Diameter ...	8										
Height	1.6							1.0			
Altitude ...	950				900						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.73	2.83	7.43		3.77	6.33	5.29	3.48	5.90	10.27	
February ...	9.15	5.28	8.32		9.72	12.04	7.68	2.56	5.41	8.51	
March	1.26	5.29	9.45		11.79	2.28	4.93	5.25	3.87	10.55	
April	4.19	3.02	.44		3.73	2.69	2.58	2.92	2.20	4.94	
May	3.59	1.60	2.68		3.26	4.39	2.74	2.76	2.35	3.42	
June	2.78	4.11	7.08		1.77	3.31	5.15	5.33	2.46	1.57	
July	5.62	1.25	3.82		8.11	6.89	2.55	4.15	6.81	2.73	
August	9.08	4.13	14.54		5.56	2.47	5.74	7.89	4.14	5.62	
September ...	.46	3.19	2.24		5.24	1.69	3.30	4.49	12.63	4.72	
October ...	8.91	7.42	8.44		4.93	7.43	12.30	10.32	5.75	4.01	
November ...	7.43	8.71	5.17		7.63	5.24	9.80	4.43	6.02	6.83	
December ...	11.51	15.49	10.79		13.96	13.85	6.35	2.44	14.25	14.06	
TOTALS ...	73.71	62.32	80.40	N.R.	79.47	68.61	68.41	56.02	71.79	77.23	

1915 *obs 8 am*
 True 30 40 ft high 50 ft E
 Wall 8-10 " " " " S.W. + N

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	50.27	4.0	Comwood	3 1/2 m	S E N	Shaugh	2 m	S W

RAINFALL at Lee Moor Clay WorksCounty of S. Devon.Observer A. Clayton, Esq.

River Basin

2Glaster Rain Gauge, by N.A.3.

Diameter ...	<u>8</u>										
Height	<u>1.0</u>										
Altitude ...	<u>900</u>										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	<u>14.61</u>	<u>11.22</u>	<u>9.73</u>	<u>5.50</u>	<u>9.66</u>	<u>8.54</u>	<u>10.21</u>	<u>8.07</u>	<u>15.32</u>	<u>5.29</u>	<u>11.99</u>
February ...	<u>2.13</u>	<u>.41</u>	<u>8.33</u>	<u>13.99</u>	<u>2.25</u>	<u>7.95</u>	<u>5.99</u>	<u>4.73</u>	<u>5.90</u>	<u>3.59</u>	<u>3.43</u>
March	<u>7.00</u>	<u>5.99</u>	<u>8.04</u>	<u>4.17</u>	<u>2.57</u>	<u>1.18</u>	<u>1.65</u>	<u>6.53</u>	<u>9.94</u>	<u>1.35</u>	<u>5.27</u>
April	<u>8.51</u>	<u>1.87</u>	<u>6.65</u>	<u>5.33</u>	<u>5.82</u>	<u>5.57</u>	<u>3.25</u>	<u>3.59</u>	<u>3.51</u>	<u>1.36</u>	<u>7.53</u>
May	<u>2.92</u>	<u>7.57</u>	<u>3.27</u>	<u>3.89</u>	<u>7.86</u>	<u>7.02</u>	<u>3.80</u>	<u>1.20</u>	<u>2.55</u>	<u>5.72</u>	<u>4.30</u>
June	<u>4.65</u>	<u>.31</u>	<u>2.89</u>	<u>1.19</u>	<u>3.70</u>	<u>.07</u>	<u>5.45</u>	<u>5.34</u>	<u>5.18</u>	<u>4.33</u>	<u>2.63</u>
July	<u>9.94</u>	<u>3.09</u>	<u>10.54</u>	<u>2.06</u>	<u>8.13</u>	<u>5.21</u>	<u>2.55</u>	<u>7.07</u>	<u>3.57</u>	<u>4.74</u>	<u>6.38</u>
August	<u>2.56</u>	<u>6.89</u>	<u>7.06</u>	<u>5.34</u>	<u>7.22</u>	<u>7.10</u>	<u>3.25</u>	<u>7.25</u>	<u>3.94</u>	<u>7.66</u>	<u>10.63</u>
September...	<u>3.82</u>	<u>2.20</u>	<u>6.00</u>	<u>5.01</u>	<u>7.60</u>	<u>6.75</u>	<u>1.81</u>	<u>9.43</u>	<u>2.10</u>	<u>1.71</u>	<u>11.32</u>
October	<u>8.09</u>	<u>2.67</u>	<u>3.45</u>	<u>10.02</u>	<u>10.70</u>	<u>8.25</u>	<u>4.32</u>	<u>5.87</u>	<u>13.53</u>	<u>9.96</u>	<u>9.22</u>
November...	<u>5.44</u>	<u>7.91</u>	<u>4.24</u>	<u>4.88</u>	<u>7.32</u>	<u>5.80</u>	<u>13.36</u>	<u>7.74</u>	<u>9.77</u>	<u>23.11</u>	<u>14.58</u>
December...	<u>11.24</u>	<u>5.10</u>	<u>9.13</u>	<u>9.63</u>	<u>9.59</u>	<u>8.58</u>	<u>1.24</u>	<u>(8.71)</u>	<u>9.10</u>	<u>14.93</u>	<u>9.42</u>
TOTALS...	<u>82.71</u>	<u>55.23</u>	<u>79.33</u>	<u>71.01</u>	<u>82.12</u>	<u>71.97</u>	<u>56.88</u>	<u>75.53</u>	<u>84.41</u>	<u>83.75</u>	<u>96.75</u>
	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>

1920. 40 to 70 ft. about 40 ft. N.

Wall 8/10 feet

50 ft. S. M. & N.

1927 Dec. against snow.

1930. Not printed, gauge leaky - Obs. says leak mended in May 1931.

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	<u>50° 27' 44" N.</u>	<u>4° 04' 00" W.</u>	<u>Comwood</u>	<u>3 1/2 miles</u>	<u>S.E.</u>	<u>Shaugh</u>	<u>2 miles</u>	<u>W.</u>

RAINFALL at Lee Moor House.County of S. Devon.Observer R. Martin Esq.River Basin 2- Tamar & c.

Type of Gauge.....

Annual Average 62.4 in. based on 21 years obs. un-weighted. Period of average 1881/1915 Ref. Survey8820/30.

Diameter	8"											
Height	1' 0"											
Altitude	900'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	7.94	8.24	4.42	7.60	2.13	9.41	4.46	9.10	8.39	3.68		
February	7.64	.12	6.38	.40	6.66	6.42	12.77	2.57	4.22	7.60		
March	2.56	3.89	7.10	5.70	2.08	6.49	6.11	.98	2.21	5.43		
April	6.25	6.34	6.45	5.40	8.51	3.18	5.36	.18	3.86	4.13		
May	5.30	7.40	3.04	2.40	2.69	1.02	4.99	5.42	1.12	2.26		
June	7.55	5.23	3.71	4.90	7.11	2.14	1.91	2.42	5.03	1.15		
July	8.98	5.14	5.71	1.30	1.51	10.50	4.75	5.45	10.21	4.78		
August	7.06	2.51	3.15	6.10	3.51	1.62	1.21	7.24	4.37	.35		
September	3.33	8.03	2.55	6.80	8.12	4.61	5.06	3.51	.62	2.54		
October	1.85	12.98	6.45	6.70	8.61	3.24	4.45	7.66	7.33	4.69		
November	12.13	5.59	2.24	2.70	10.79	5.61	4.82	13.07	12.66	12.35		
December	4.90	6.40	3.35	22.00	7.94	8.27	6.49	6.13	4.56	7.03		
TOTALS	75.49	71.87	54.53	72.90	69.66	62.51	67.93	63.73	64.58	55.99		
	D	D	D	N.R.	D	D	D	D	D	D		

Gauge 50 high 40ydon N.E.

(1934 return inadvertently destroyed.

1937. Gauge moved 100 yds. W. June 25th.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
1931			Cornwood.	3½ m.	S.E.	Shaugh Prior	2½ m.	W.

Station No. 1641/5RAINFALL at Lee Moor House

41

County of S. Devon Observer R. Martin Esq.River Basin Tamar & C - 2

Type of Gauge.....

Annual Average 62.4 in. based on 34 years obs. un-weighted. Period of average 1881-1915 Ref. 5File No. 38330/30

Diameter	8"				368	923					
Height	1'0"										
Altitude	900'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	5.66	7.31	11.70	6.71	4.67	6.70	7.22	13.32	2.96	2.81	
February	7.21	.69	2.95	2.23	6.27	6.18	1.39	2.89	3.41	10.05	
March	5.73	6.37	1.74	.22	3.14	3.40	11.27	3.13	2.49	5.28	
April	1.32	2.45	1.91	3.89	1.48	2.72	4.67	3.15	3.46	3.55	
May	3.82	8.08	5.41	.96	4.58	6.52	3.75	2.85	4.60	2.27	
June	3.06	.53	3.45	5.36	8.18	7.11	4.64	3.49	1.59	1.92	
July	1.92	3.28	3.40	7.11	3.55	5.82	4.46	3.20	3.82	7.87	
August	8.29	6.81	5.83	4.51	4.10	8.27	1.31	6.70	2.84	9.12	
September	.53	5.42	6.41	4.42	4.68	10.58	3.36	5.10	4.64	10.41	
October	2.99	5.10	6.05	7.25	6.74	3.92	2.87	7.09	11.36	3.33	
November	3.64	1.30	4.32	12.95	1.08	12.07	5.25	3.87	8.71	10.52	
December	5.47	9.51	6.08	5.85	9.68	8.65	4.89	8.77	4.05	6.47	
TOTALS	49.64	56.86	59.25	61.46	58.15	81.94	55.08	63.56	53.93	73.60	
	D	D	D	D	D	D	D	D	D	D	

1941: Tree 50' high 40yds N.W.E.

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.
1941			Corwood	3 1/2 miles	S.E.	Slaugh Prior	2 miles	W.

Station No. 164/15

RAINFALL at Lee Moor House

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County of S. Devon

Observer R. Martin, Esq.

River Basin Tamar, B-2

Type of Gauge M.O. Type

Annual Average 62.4 in. based on 34 years obs. un-weighted. Period of average 1881-1915 Ref S
" " 61.42 " " 19 " " 1934-57 " " 1916-38 Ref S

File No. 38330/30

Diameter ...	8"				368	923					
Height ...	1' 0"							10"			
Altitude ...	900										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	7.89	6.13	2.03	3.44	8.56	6.43	6.78	7.36			
February ...	6.51	1.22	2.73	7.00	4.92	.51	8.65	6.15			
March ...	4.29	7.26	1.09	6.02	2.16	2.43	6.84	3.52		#	
April ...	3.64	4.85	3.80	1.07	2.94	1.74	.77	1.39			
May ...	3.26	2.89	5.78	4.70	6.35	1.77	3.42	5.44			
June ...	1.80	2.65	6.45	6.21	4.11	4.46	3.78	3.96			
July ...	2.05	2.12	6.38	6.65	1.29	7.09	7.07	6.44			
August ...	9.92	6.94	3.72	5.10	.14	7.35	6.04	8.55			
September ...	4.45	4.32	4.36	7.94	2.96	8.67	6.94	9.14			
October ...	1.27	6.91	5.10	8.15	4.03	3.34	5.20	6.53			
November ...	9.48	5.54	4.18	12.78	6.71	2.63	3.56	4.78			
December ...	5.52	6.10	1.22	6.41	8.73	9.05	5.63	6.66			
TOTALS ...	66.08	56.93	46.84	75.47	62.90	55.47	64.68	69.92			
	D	D	D	D	D	D	D	D			

1951 Gauge tested and found sound. Sues 50'6" high at 40 yds N+E.
 In July 1951 J.B.O.K. Overstated by 1" N.W.-N-SSE. Move of 60' to 54' rec. otherwise
 satisfactory, Note: NOT possible to move gauge.
 1961 Examination also done. But not had extended in the 60's yr.

Position of Station on Ordnance One-Inch map: No. of Map 187 National Grid Reference SX 971 618

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Botnwood	3 1/2 m.	N.E.	Shaugh Prior	2 m.	N.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	10-12, 14-19 D 17, 19-10-12, 14-19	✓ n.p. 30 ✓ 24 ✓ 20-21, 23	31-33, 35-40 ✓	✓	✓