

1910

RAINFALL AT

Penzance Trengwainton Madron

Lat.

Lon.

County of

Cornwall

Rain Gauge, by

Observer

J. R. Bolitho Esq

Tourey & S. E. Coastal Streams - 2

Diameter ..			10 □								
Height			1 0								
Altitude ..			400								
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..			2.38	5.64	5.96	2.31	6.43	2.45	1.48	3.26	
February ..			2.43	2.26	8.25	1.78	6.46	2.69	2.76	.75	
March			3.17	6.07	2.37	6.30	1.55	1.48	6.25	5.26	
April			3.11	1.95	2.26	2.95	1.71	5.59	2.18	2.44	
May			1.67	1.89	3.99	1.47	6.18	3.20	1.58	.96	
June			3.58	1.75	2.01	2.81	2.10	2.90	.90	2.22	
July			3.39	4.70	2.98	1.32	2.26	2.31	2.32	2.80	
August			3.14	5.63	4.24	6.48	2.80	2.19	5.21	1.99	
September ..			3.25	4.86	3.78	1.70	1.28	2.64	4.27	1.24	
October			4.85	9.51	3.46	2.85	6.26	10.12	2.97	8.98	
November ..			7.05	4.61	4.05	5.93	5.93	6.20	1.86	2.33	
December ..			3.90	9.01	5.19	2.04	4.95	5.77	7.48	5.86	
TOTALS ..			41.92	57.88	48.54	37.94	47.91	47.54	39.26	38.09	

1000 Yards
 1902 Madron Church $\frac{1}{2}$ mile NE
 1903 Penzance Station $2\frac{1}{4}$ mile SE

+ Inspected

RAINFALL at Penzance Jungranton MoorCounty of CornwallObserver J Robins Bole W CooperRiver Basin Towey + SE Coastal Stream 2

Rain Gauge, by _____

Diameter ...	10										
Height	0 10		1 0							9	
Altitude ...	400 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.71	2.31	6.05	9.75	2.46	5.65	2.42	3.41	5.22	7.44	
February ...	5.52	2.90	5.87	1.50	5.85	8.54	8.99	1.64	2.81	7.71	
March .....	.74	5.01	7.92	5.05	8.86	1.17	6.41	4.56	1.96	5.98	
April	2.78	2.48	.54	5.38	2.33	2.30	1.81	2.18	2.54	2.49	
May	2.62	.86	1.86	4.42	1.45	3.21	1.97	2.02	1.37	1.87	
June	2.67	2.79	4.34	1.75	2.51	3.74	2.05	3.76	1.22	1.31	
July	3.03	1.24	5.09	.56	6.43	4.54	1.69	2.26	3.81	1.25	
August	3.67	3.35	11.38	2.07	2.39	2.08	3.45	7.99	1.68	3.20	
September ...	.32	3.85	1.27	3.84	3.98	1.38	3.07	2.89	8.74	2.09	
October ...	7.23	4.10	4.58	2.83	3.36	6.02	7.74	8.08	4.29	2.50	
November ..	8.07	6.21	4.78	6.15	4.02	3.60	7.66	2.53	4.69	4.17	
December ...	6.81	8.80	7.85	5.56	10.53	11.28	5.61	2.23	8.62	7.88	
TOTALS ...	48.17	43.91	61.53	48.56	54.17	53.51	52.87	43.55	46.95	47.89	

1914 Horse
New40 yards SE
30' NW

Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Penzance	2 1/2 m	SE	Madini	3/4 m	SE

RAINFALL at *Penzance (St. George's Hill)*County of *Cornwall*Observer *S. Robin Polidoro, Esq.*River Basin *2**(1926) E.H.W. Polidoro (1000)**Open & Offset* Rain Gauge, by
Glazier 1929

Diameter ...	<i>10</i>									<i>2</i>	
Height	<i>1.0</i>				<i>level</i> <i>0.0</i>				<i>1 2</i>		
Altitude ...	<i>400</i>										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	<i>6.49</i>	<i>5.73</i>	<i>6.12</i>	<i>2.99</i>	<i>6.26</i>	<i>4.54</i>	<i>9.00</i>	<i>6.76</i>	<i>8.86</i>	<i>3.55</i>	<i>8.03</i>
February ...	<i>.97</i>	<i>.66</i>	<i>4.79</i>	<i>9.23</i>	<i>2.01</i>	<i>7.12</i>	<i>3.14</i>	<i>3.35</i>	<i>4.58</i>	<i>3.42</i>	<i>3.42</i>
March	<i>4.24</i>	<i>4.35</i>	<i>3.75</i>	<i>2.99</i>	<i>2.46</i>	<i>1.00</i>	<i>1.22</i>	<i>4.35</i>	<i>6.26</i>	<i>.61</i>	<i>4.02</i>
April	<i>5.68</i>	<i>1.04</i>	<i>3.76</i>	<i>4.77</i>	<i>3.73</i>	<i>3.85</i>	<i>3.05</i>	<i>3.75</i>	<i>3.07</i>	<i>1.55</i>	<i>2.72</i>
May	<i>2.23</i>	<i>2.54</i>	<i>1.43</i>	<i>3.32</i>	<i>3.48</i>	<i>4.59</i>	<i>2.59</i>	<i>1.18</i>	<i>1.45</i>	<i>5.34</i>	<i>2.32</i>
June	<i>2.67</i>	<i>.14</i>	<i>1.28</i>	<i>.62</i>	<i>2.03</i>	<i>.00</i>	<i>3.03</i>	<i>3.81</i>	<i>2.83</i>	<i>2.77</i>	<i>1.87</i>
July	<i>6.36</i>	<i>1.73</i>	<i>4.79</i>	<i>1.36</i>	<i>5.05</i>	<i>3.42</i>	<i>1.58</i>	<i>2.75</i>	<i>1.73</i>	<i>2.08</i>	<i>3.26</i>
August	<i>1.74</i>	<i>4.64</i>	<i>5.06</i>	<i>3.41</i>	<i>3.35</i>	<i>4.96</i>	<i>2.75</i>	<i>3.57</i>	<i>2.60</i>	<i>3.53</i>	<i>5.89</i>
September...	<i>2.70</i>	<i>.83</i>	<i>4.37</i>	<i>3.40</i>	<i>4.52</i>	<i>3.25</i>	<i>1.15</i>	<i>6.82</i>	<i>2.09</i>	<i>.62</i>	<i>5.86</i>
October	<i>6.80</i>	<i>1.66</i>	<i>2.69</i>	<i>6.41</i>	<i>10.66</i>	<i>4.72</i>	<i>4.02</i>	<i>3.32</i>	<i>7.70</i>	<i>7.20</i>	<i>5.89</i>
November...	<i>2.18</i>	<i>6.04</i>	<i>2.20</i>	<i>5.10</i>	<i>4.26</i>	<i>4.67</i>	<i>8.21</i>	<i>4.53</i>	<i>4.02</i>	<i>13.10</i>	<i>6.78</i>
December...	<i>5.24</i>	<i>3.39</i>	<i>8.11</i>	<i>5.29</i>	<i>8.42</i>	<i>6.76</i>	<i>1.63</i>	<i>4.85</i>	<i>5.69</i>	<i>9.23</i>	<i>4.90</i>
TOTALS...	<i>48.30</i>	<i>32.75</i>	<i>48.35</i>	<i>48.89</i>	<i>56.23</i>	<i>48.84</i>	<i>41.37</i>	<i>49.04</i>	<i>50.88</i>	<i>53.06</i>	<i>54.96</i>

1920. 56.23
48.30
32.75
"
"
"
26.23
18.75
20
36
26

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			<i>Penzance</i>	<i>2 1/2 m.</i>	<i>SE</i>	<i>Madron</i>	<i>3 1/2 m.</i>	<i>E 'N</i>

RAINFALL at Penzance (Trenwainton House)County of CornwallObserver Lt.-Col. E. H. W. BolithoRiver Basin Fowey & E. Coast Streams - 2Type of Gauge GlaisherAnnual Average 46.4 in. based on 28 years obs. un-weighted. Period of average 1881-1915Ref. S

67576/26

Diameter	8								8		
Height	1.2			11"	0	11		1	0	1.0	
Altitude	400								400'		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.36	4.83	3.73	5.24	2.07	7.27	6.15	6.09	8.46	3.61	52.91
February	4.02	.07	3.56	.37	4.82	7.40	7.51	2.21	2.45	5.63	38.04
March	4.97	2.98	4.57	5.05	1.15	5.13	6.43	.73	2.30	3.38	36.69
April	1.83	3.69	2.90	3.95	4.83	3.48	3.53	.04	3.69	4.48	32.42
May	3.58	5.44	3.12	1.85	1.64	1.15	2.43	2.62	.96	1.07	23.86
June	3.88	3.29	1.99	2.40	3.30	1.70	1.40	1.99	2.67	1.24	23.86
July	5.37	3.43	2.64	.88	.70	8.50	2.17	4.67	5.55	2.91	36.82
August	3.57	1.66	1.47	3.89	2.15	.83	.73	4.96	2.66	.21	22.13
September	3.06	5.32	2.68	3.56	4.39	4.07	4.02	3.35	.73	2.54	33.72
October	1.29	9.51	7.49	3.50	6.30	2.14	3.12	6.11	3.39	4.22	47.07
November	9.28	2.96	2.41	2.47	7.33	5.42	3.70	8.58	8.02	8.66	58.83
December	2.61	3.90	2.64	12.32	5.59	4.62	6.63	3.90	3.28	4.93	50.42
TOTALS	48.82	47.08	39.20	45.48	44.27	51.81	47.82	45.25	44.16	42.88	456.77
	D	D	D	D	D	D	D	D	D	D	

1934. Belt of lino 25 yds. W.H.

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			Penzance	2½ mls	E	Madron	¾ ml	NE.

Station No. 1910

RAINFALL at Penzance (Tregawanton House)

41

County of Cornwall

Observer Lt Col. F.H.W. Bolith C.B.
D.S.O.

River Basin Fawey & S.E. Coast Streams-2

Type of Gauge Glashier

Annual Average 44.4 in. based on 28 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 675716/24

Diameter	8"				381	232						
Height	1' 0"									1' 3"		
Altitude	400'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	1881-1915
January	5.28	6.53	8.31	4.90	4.49	6.51	5.67	8.82	1.94	2.20	54.65	
February	6.47	6.9	2.33	1.84	4.57	4.09	1.98	2.20	1.68	8.48	34.33	
March	4.92	3.60	1.04	4.7	1.31	2.43	10.10	2.68	2.02	2.84	31.41	
April	1.78	1.91	2.10	2.57	1.23	1.74	3.27	3.03	2.23	2.66	22.52	
May	3.11	5.72	3.66	1.02	4.11	4.33	2.47	3.03	3.02	2.24	32.71	
June	1.69	.59	1.53	(2.97)	4.41	3.15	3.00	2.53	.86	1.49	22.27	
July	1.36	2.89	3.60	2.75	4.90	2.95	2.57	2.75	1.93	4.44	30.14	
August	6.75	3.35	3.64	2.69	2.39	5.75	1.14	4.67	2.00	6.86	69.38	39.24
September	1.30	3.83	5.78	2.55	2.53	5.34	1.58	2.27	2.65	4.35	32.18	
October	2.01	3.71	3.01	4.62	4.38	3.35	1.94	6.09	8.91	3.45	41.47	
November	4.13	.97	4.00	4.73	3.25	7.49	4.21	2.72	5.51	7.38	49.39	
December	3.26	5.26	3.54	3.94	6.96	6.69	3.89	7.64	3.82	5.54	50.54	
TOTALS	42.06	39.05	42.54	40.05	44.53	53.82	41.82	48.43	36.57	51.93	440.80	

1944 n.p. late.
1946 Trees - 30 yds E, W & N.

01004

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.
1941			Penzance	2 1/2 miles	E.	Madron	1/2 mile	N.E.

BRITISH RAINFALL ORGANIZATION

Station No. 1910

RAINFALL at Penzance (Trenquainton House)

51

County of Cornwall

Observer Col. F. H. W. Bolitho, C.B., D.S.O.,

River Basin Tavy & SE Coast Streams - 2

(Discharge of w/w)

Type of Gauge Glaisher

Annual Average 46.4 in. based on 28 years obs. unweighted. Period of average 1881-1915 Ref S

" " 45.53 " " 40 " " within 1916-57 "

File No. 675716/26

Diameter ...	8"			8"		381	232					
Height ...	1' 0"			1' 0"								
Altitude ...	400'			250'		340'	misgation					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	5.88	5.25	1.66	3.90	7.16	6.44	3.63	5.90	6.78	5.36	51.96	
February ...	5.44	1.91	1.97	6.21	5.61	1.15	5.87	6.68	4.46	4.83	40.13	
March ...	5.85	4.71	1.14	4.76	1.90	1.77	5.42	5.01	4.87	4.07	39.20	
April ...	2.07	3.60	3.12	1.92	1.74	.77	1.00	1.70	3.29	2.64	20.85	
May ...	3.32	1.59	3.76	4.23	4.74	1.71	3.35	3.40	1.82	1.40	29.32	
June ...	.51	2.23	2.39	4.22	4.22	3.06	1.93	4.28	1.19	1.55	25.58	
July ...	.84	1.57	5.09	4.85	.08	4.88	3.56	3.67	2.20	5.37	32.11	
August ...	6.23	5.04	2.58	2.30	.67	3.42	4.63	6.79	1.38	4.48	37.52	
September ...	4.45	3.31	4.26	5.21	2.12	7.22	4.44	6.32	.01	5.32	42.68	
October ...	1.91	6.14	2.91	3.89	6.45	2.60	3.69	3.78	5.72	9.29	45.38	
November ...	7.59	7.75	2.53	8.55	2.81	2.47	2.98	3.80	9.45	7.23	55.16	
December ...	5.46	4.71	1.41	5.21	8.84	7.29	5.10	6.83	10.84	8.05	63.74	
TOTALS ...	49.25	47.81	32.82	54.25	45.34	42.78	45.62	58.16	48.01	59.59	483.68	

1951 trees medium sized bush at 30° E + W.

1954, Rphly & quarry gave altitude as 250'. 2.3.55.

Inspected M. Doolan 5.3.56. Glaisher gauge leaks round skirt. measure flat-bottomed.

Site c/s by tree FNE 40°. Recommended standard gauge, tape measure, none yunge 25' SW. Tree then 30° NE.

Position of Station on Ordnance One-Inch map :

No. of Map... 159.....

National Grid Reference LO 46 531 3

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Penzance	3 m. E.		

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓
	—	- 20-27, D 28-50	✓	V n.p. 44 (lake)	✓