

10 1960

## RAINFALL at

North Tamarston Holworthy Down

County of Cornwall

Observer Mr W Bray

River Basin Tamar &amp;c 3

May A. Bray (1913)

Rain Gauge, by

Diameter ...				5								
Height .....					4.0							
Altitude ...					390							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Sums. 16-19
January ...					1.62	4.36	1.91	2.25	4.23	8.14		13.53
February ...					3.67	6.36	6.73	1.23	2.48	3.06		13.50
March .....					6.63	.75	2.62	2.76	1.28	4.56		11.22
April .....					2.29	1.23	1.55	2.18	2.65	2.88		9.26
May .....					1.27	2.21	1.58	1.47	1.12	1.76		5.93
June .....					2.73	1.83	2.13	3.73	1.58	1.22		8.66
July .....					3.13	4.20	.89	2.36	4.98	.55		8.78
August .....					3.85	2.41	1.84	5.57	3.61	2.99		14.01
September ..					2.65	2.07	2.69	2.25	5.38	1.91		15.23
October ...				4.43	2.37	3.40	3.68	7.63	2.79	2.07		16.17
November ..				5.56	3.39	2.49	4.37	3.00	2.91	4.55		14.83
December...				4.00	6.34	8.23	4.23	1.14	5.38	6.41		17.16
TOTALS ...					39.94	39.54	34.22	35.57	41.39	37.10		148.22

1913 removed from Ogbeare Sep 30  
2 miles N.E. of Ogbeare  
1915 Home 25 ft high 40 ft N

Rejected from Survey as 4" Low. 1912: 32.

148.22  
148.22  
PHW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Holworthy	4 M	NE	N Tamarston	1 1/2 M	SE

RAINFALL at *North Looe (Davis)*County of *Cornwall*Observer *W. S. Bray* <sup>ISS M.A.</sup>River Basin *3**W. S. Bray*, (1928)*Howard* Rain Gauge, by

Diameter ...	5												
Height .....	40								1.0				
Altitude ...	390												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Sums	
January ...	5.89	4.58	4.29	3.45	4.41	3.53	5.54	5.60	5.08	1.74	6.07	20.30	50.18
February ...	1.03	2.8	4.14	6.60	1.28	5.95	2.68	2.20	3.25	1.43	2.00	30.84	30.84
March .....	3.32	2.88	3.52	1.38	1.77	1.12	.63	4.15	3.96	.31	2.96	26.00	26.00
April .....	5.09	.84	4.04	4.07	2.95	3.11	2.05	2.66	1.66	.92	3.08	30.47	30.47
May .....	1.83	1.43	1.67	2.61	3.82	3.64	1.70	.89	1.71	3.24	2.14	24.78	24.78
June .....	2.46	.18	1.78	1.12	2.44	.00	2.47	1.96	2.32	2.29	1.74	18.76	18.76
July .....	4.58	1.41	3.06	2.14	4.34	5.88	1.27	3.76	2.51	2.54	2.41	33.90	33.90
August .....	2.12	3.34	3.90	3.34	5.34	4.12	2.17	3.63	3.39	3.57	3.72	38.64	38.64
September...	2.76	1.56	2.48	3.92	4.03	4.42	1.74	7.33	1.67	.82	4.36	35.09	35.09
October .....	4.16	1.35	1.72	5.39	5.57	3.80	2.37	1.69	4.27	8.04	6.44	45.30	45.30
November...	2.44	2.89	2.21	3.45	3.07	2.93	7.74	3.26	4.16	10.72	4.75	47.62	47.62
December...	2.77	3.80	6.44	5.05	4.96	4.49	1.12	2.50	4.87	8.61	4.30	48.91	48.91
TOTALS...	28.45	24.54	39.25	42.52	43.98	42.99	31.98	39.63	38.85	44.33	43.97	430.49	430.49

1920. Swelling stage 25 ft. 15 ft. off.

1928. Trees 5 ft. high, 3 ft. N.

1930. Trees 30 ft. high 3 ft. W.

Rejected from Survey as too low. 1912: 32.

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.			Nolworthy	4.4 m.	N.E.	N. Looe	1.4 m.	S.E.W.

RAINFALL at North Tamerton (Davies)County CornwallObserver W. S. Bray, Esq.River Basin Tamar &c - 3Type of Gauge HowardAnnual Average 35.9 in. based on 23 years obs. ~~un~~-weighted. Period of average 1881-1915. Ref. S

896022/29

Diameter	5.											
Height	1.0.			4' 1"	4' 1"							
Altitude	390.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Survey
January	4.60	4.37	2.61	5.53	1.90	5.69	8.41	7.38	6.70	2.79	49.88	
February	3.66	.03	3.13	.27	5.39	3.16	7.12	1.56	2.17	4.04	30.53	
March	2.97	1.79	2.94	3.28	1.55	3.27	6.09	.67	1.62	3.33	27.61	
April	3.14	2.44	1.26	3.86	5.55	2.69	3.65	.37	2.62	3.34	28.72	
May	4.54	3.76	2.06	2.40	1.55	.65	2.77	2.91	1.56	2.15	24.35	
June	3.20	1.12	2.00	2.99	3.54	2.34	1.45	2.02	1.60	.97	21.25	
July	6.62	3.82	2.04	.79	1.41	8.57	2.73	3.58	7.40	6.07	43.03	
August	4.29	2.04	2.06	4.07	2.54	.58	2.02	5.75	3.58	.45	27.38	
September	2.77	6.48	2.13	4.07	5.34	4.69	4.47	2.09	1.12	2.53	35.59	
October	1.13	10.27	6.52	4.70	7.63	2.23	3.78	5.18	3.32	3.79	48.65	
November	7.83	3.27	1.34	2.69	6.22	5.12	2.24	6.78	10.40	8.32	54.21	
December	2.33	3.43	2.04	11.22	4.56	5.03	4.24	5.50	3.60	3.73	45.68	
TOTALS	47.08	42.84	30.03	45.87	47.18	44.02	48.87	43.79	45.69	41.51	436.88	74

1931. Trees 30' high 36' W.

\* 1933. g. moved to open side 29/4/33. (6' NE) <sup>aged</sup> before after this time approximates very closely to that from neighbouring stations

1934. Trees 40' high 72' W.

\* Rejected from Survey as 4" low. 19.12.32. Letter written 4/10/33 re exposure &amp; standard appointment.

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.			Holsworthy	4 1/2 miles	NE	N. Tamerton	1 mi	SW



Station No. 1950

RAINFALL at North Tarranton (Dannies)

41

County of Cornwall

Observer W.S. Brang Esq.

River Basin Tamar &amp; C - 3

Type of Gauge Howard

Annual Average 35.3 in. based on 23 years obs. un-weighted. Period of average 1881-1915 Ref. S

43.85 - 1916-1950

File No. 89.6022/29

Diameter	5"					37	579					
Height	4' 1"		3	9			1					
Altitude	290'	290'				390'	41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Sums
January	4.12	4.85	8.13	3.50	3.86	4.61	3.88	6.42	1.26	1.47		41.50
February	4.42	4.2	2.81	1.25	4.13	4.02	1.17	1.42	1.10	4.76		25.50
March	4.75	2.73	1.10	.37	1.98	1.68	6.93	1.15	1.96	1.45		24.09
April	1.22	1.96	1.20	2.08	1.35	1.92	2.14	3.10	1.71	2.50		17.48
May	2.58	6.37	5.02	.80	3.74	5.06	2.84	1.49	2.28	2.53		32.71
June	1.99	.52	2.02	3.89	2.29	3.89	2.66	1.66	1.52	3.09		22.43
July	2.03	3.25	4.30	2.17	4.38	2.72	1.82	1.44	1.09	2.99		25.59
August	4.52	2.80	3.56	3.98	2.21	5.96	37	2.26	1.69	8.36		35.71
September	.81	4.59	6.87	4.10	1.62	5.26	1.97	1.62	3.45	5.94		36.23
October	2.82	3.16	4.18	5.67	5.08	2.79	1.62	4.13	8.57	1.59		39.61
November	2.64	1.21	4.22	9.60	.96	4.77	2.81	1.89	5.75	7.33		41.17
December	2.95	7.96	3.11	4.83	7.60	4.53	4.19	5.14	2.20	4.56		47.07
TOTALS	34.85	39.82	46.52	42.24	39.20	47.21	31.10	31.72	31.57	46.57		390.20

1941. Trees 40' high 72' W.  
 1943. Trees 50' high 27' W.

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			Holworthy	4 1/2 miles	N.E.	N. Tarranton	1 mile	S.W.

Station No. 1950

## RAINFALL at North Tamerton (Davies) II

51

County of Cornwall

Observer W. S. Bray Esq.

River Basin Tamar &amp; E-3

Type of Gauge Howard

Annual Average 35.9 in. based on 23 years obs. un-weighted. Period of average 1881-1915 Ref S

" 43.85 " 13 " within 1933-46 " 1916-50 File No. 896022/29

Diameter ...	5"				370	579					
Height ...	3' 9"					1					
Altitude ...	390'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.65	3.25	.80	2.01	4.47	4.23	2.19	4.16	4.70	3.61	33.07
February ...	4.10	1.55	1.55	4.03	3.24	.48	4.38	3.42	.44	3.43	27.12
March ...	4.99	2.83	.91	2.72	1.04	1.13	3.12	1.24	4.18	2.69	24.85
April ...	2.25	2.83	2.57	.71	1.22	2.04	.16	.75	2.35	3.75	18.63
May ...	3.11	2.96	2.91	2.29	3.35	.82	1.31	2.37	1.24	1.87	22.23
June ...	.58	1.10	.96	3.53	2.33	2.36	3.92	3.45	.72	1.25	20.70
July ...	1.26	1.12	5.06	4.00	.72	1.88	3.27	2.85	2.79	6.56	29.51
August ...	4.05	6.77	2.23	3.89	.13	4.24	3.20	6.39	1.51	4.99	36.90
September ...	2.93	4.59	3.25	4.17	1.88	5.11	3.53	6.01	.22	6.41	38.10
October ...	1.80	6.01	2.42	3.03	2.63	2.08	3.18	4.33	4.72	8.37	38.57
November ...	4.44	4.18	2.41	5.82	2.84	1.82	1.83	3.47	8.87	5.62	41.80
December ...	2.56	3.80	1.68	3.36	6.43	4.09	1.76	4.22	6.98	5.05	39.93
TOTALS ...	35.72	40.99	26.75	39.06	30.28	30.28	31.85	44.16	38.72	53.60	37.41
	D	D	D	D	D	D	D	D	D	D	

1952 letter said to obs no low state. observations gauge record but fence to d. too near gauge to be moved. Station but may be a little low. Trees 50' high at 20' to S.W.

1956 11 gauge over-sheltered. Record low.

1959 no lno.

Does not fit present record.

an. 20. 34.65 ins based on 11 yrs obs. 1947-57. Rains low. Period of obs. 1916-50. Ref. S. - Rejected.

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference XX(20) 314982

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	Cimp. 1913	327-30 d22 -29, 21, 23-26	✓	✓	✓