

# RAINFALL AT *Dartmoor <sup>Nurs</sup> Lizard, Co.*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

*Devon*Tamar & C <sup>Rain Gauge, by</sup> *--2*

Observer

*E. Sandeman Esq. C.E.*

Diameter ....			5								
Height .....			10								
Altitude ....			1200 <del>ft</del>								
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....			<sup>#</sup> 4.60	5.45	6.90	6.35	2.24	5.47	1.55	8.21	
February ....			6.58	10.10	6.00	.10	1.58	7.35	2.73	6.15	
March .....			1.85	.75	3.42	5.50	6.42	7.35	1.97	1.10	
April .....			1.75	.78	(4.90)	5.40	(.94)	6.60	3.65	4.50	
May .....			2.55	}	4.57	.90	(.08)	3.24	3.82	3.33	
June .....			3.30		1.50	(3.45)	(2.21)	(2.90)	3.70	3.02	2.05
July .....			2.72	}	5.40	5.15	2.50	1.45	.66	1.42	
August .....			7.78		4.90	5.79	(3.10)	7.25	5.02	1.71	
September....			3.32	4.61	3.25	.70	8.38	4.00	2.66	3.65	
October .....			7.95	3.25	8.50	4.43	6.24	1.95	8.18	3.94	
November....			6.20	3.78	11.30	10.94	2.80	2.65	4.95	4.78	
December ....			3.37	8.57	6.35	7.18	13.80	9.30	8.47	4.71	
TOTALS ....			51.97	<sup>†</sup> 52.11	68.94	(54.65)	(50.98)	60.31	46.68	45.55	

1892 Shepton Church 2 1/2 miles S E

1893 May, July & August Gauge tampered with.

1894 April & June computed.

1895 Gauge interfered with in June figures given estimated fall

<sup>†</sup> annual total read from Plymouth gauge 2.23

N.B. Annual values rejected from Survey Map, 1929.

1650

RAINFALL AT *Dartmoor, Nuns Cross & Sincada Cross*

Lat. ....

Lon. ....

County of *Devon**Mountain* Rain Gauge, by *(N.S.)*Observer *F. Howarth Esq. C.E.**Yanar and C. - 2.*

Diameter ..	5										
Height ....	10										
Altitude ..	1200 <del>R</del>										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	9.45	5.67	3.40	7.40	9.45	3.45	12.46	2.65	3.90	2.80	6.063
February ..	10.08	2.27	3.65	4.50	10.15	2.10	6.55	3.48	3.70	.86	4.734
March ....	3.12	5.46	4.65	8.60	5.10	8.95	2.47	2.33	6.03	11.10	5.781
April .....	2.71	5.80	3.40	3.20	5.27	4.81	1.72	8.80	3.90	4.40	4.401
May .....	3.20	2.44	2.75	4.95	4.50	1.08	5.90	5.50	3.75	2.16	3.623
June .....	6.44	2.94	4.25	1.70	2.04	3.25	1.95	5.47	1.05	3.75	3.284
July .....	2.34	1.80	3.55	5.50	7.05	1.20	1.95	3.08	4.50	6.13	3.710
August ....	4.52	4.95	5.25	5.90	4.20	6.90	4.45	4.15	6.35	4.55	5.122
September ..	2.90	5.96	2.70	6.15	4.60	3.00	1.65	1.90	3.15	2.28	3.429
October ....	4.40	3.88	5.40	14.12	3.30	3.90	10.15	9.10	2.90	14.40	7.155
November ..	6.66	1.30	9.45	3.75	3.00	8.00	5.12	6.30	3.20	2.35	4.913
December ..	11.48	7.87	6.10	10.80	7.15	3.08	4.90	8.45	6.45	10.20	7.648
TOTALS ..	67.30	50.34	54.55	76.57	65.51	49.72	59.27	61.21	48.88	64.98	59.863

1903 Sheepsheer Church 2 1/2 miles W.S.W

Princetown Station 2 1/2 " N

H.B.

N.B. Annual values rejected from Survey Map, 1929.





RAINFALL at Dartmouth (Clivedon Green) (1)County of South Devon.Observer F. W. Smith, Esq. C.E.River Basin 2Bradford Rain Gauge, by N.Z.Monthly.

Diameter ...	5										
Height .....	1.0										
Altitude ...	1200				1074						
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	11.45	7.80	8.10	4.85	10.25	9.25	10.15	8.40	11.20	3.70	
February ...	1.90	2.6	6.70	15.15	3.90	11.15	6.60	6.80	5.80	2.70	
March .....	5.90	4.50	5.35	3.60	3.60	1.35	1.65	8.30	7.49	.85	
April .....	6.95	1.45	5.60	5.65	7.40	6.35	3.65	3.15	2.30	.89	
May .....	3.00	3.50	2.20	3.85	8.20	7.65	2.50	1.15	1.65	4.00	
June .....	3.00	.23	1.85	.95	3.90	.00	4.60	5.40	3.60	2.10	
July .....	7.40	2.80	8.10	2.10	7.85	5.65	3.10	7.70	2.85	5.90	
August .....	2.68	4.20	6.75	4.75	11.00	6.70	3.15	5.50	3.10	4.87	
September...	4.00	1.50	5.10	5.85	8.65	6.60	1.45	8.90	1.42	1.25	
October .....	6.60	2.30	2.60	10.40	11.55	12.80	4.75	6.35	11.20	10.20	
November...	3.90	6.45	4.85	4.80	8.45	3.80	15.00	7.20	9.75	24.38	
December...	8.60	4.10	9.50	9.15	12.70	9.50	1.38	8.35	10.20	12.85	
TOTALS...	65.38	39.09	66.70	71.10	97.45	80.80	59.68	77.20	70.56	71.69	
			M.	M.	M.	M.	M.	M.	M.	M.	

1922 including Dec. 31<sup>st</sup> <sup># terminated</sup> Exposure for too short  
 1924 Gauge moved to new level. 1074 ft.

Mr. Sill: In hollow at head of stream, since observed all round (7th Dec. 7th 1912)

see next sheet 1924 onwards (15/7/80) A new record should have been made from 1924 which would have prevented question from survey noted in red below.

N.B. Annual values reported from Survey Map. 1929

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

RAINFALL at SIWARDS CROSS (11)County of DEVON (SOUTH) Observer F. HOWARTH C.E.River Basin 2 - Tamar &c.Standard Rain Gauge, by No 2

Diameter	5										
Height	1.0										
Altitude					1074						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January					10.25	9.25	10.15	8.40	11.20	3.70	11.20
February					3.90	11.15	6.60	6.80	5.80	2.70	3.35
March					3.60	1.35	1.65	8.30	7.49	.85	3.80
April					7.40	6.35	3.65	3.15	2.30	.89	6.35
May					8.20	7.65	3.50	1.15	1.65	4.00	3.10
June					3.90	.00	4.60	5.40	3.60	2.10	1.90
July					7.85	5.65	3.20	7.70	2.85	3.90	6.80
August					11.00	6.70	3.75	5.50	3.10	4.87	8.70
September					8.65	6.60	1.45	8.90	1.42	1.25	8.10
October					11.55	12.80	4.75	6.25	11.20	10.20	8.20
November					8.45	3.80	15.00	7.20	9.75	24.38	10.00
December					12.70	9.50	1.38	8.35	10.20	12.85	7.30
TOTALS					97.45	80.80	59.68	77.20	70.56	71.69	78.80

Exposure fine too open, previous to 1924. The <sup>(1923)</sup> Director recommended removal to spot 300 yards North & 126 feet lower. Catch is now satisfactory. Site now is good; in hollow at head of stream with satisfactory exposure.

N.B. Values for Survey 1929.

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

RAINFALL at Dartmoor (Siward's Cross)County of South DevonshireObserver E. Hoarath Esq. C.E.River Basin Tamar & C. 2.A. Atkinson Esq. C.E.

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....

Ref. 660608/26.

Diameter .....	5.											
Height .....	1.0.											
Altitude .....	1074											
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January .....	5.95	9.15	4.05	7.40	1.80	9.00	11.05	8.35	9.15	3.50	69.40	
February .....	6.35	1.04	6.35	4.0	7.15	6.55	10.55	3.45	5.75	7.10	53.69	
March .....	2.15	3.15	6.20	4.75	2.10	5.85	6.35	1.20	2.85	5.20	39.80	
April .....	4.25	5.25	4.55	5.15	8.00	3.25	4.15	1.20	4.25	4.15	43.20	
May .....	4.15	6.15	2.55	3.35	4.00	1.45	3.75	4.15	1.30	2.40	33.25	
June .....	5.85	3.25	3.50	3.50	7.00	2.00	1.85	3.35	4.90	1.25	36.45	
July .....	8.10	7.75	4.75	1.65	1.05	10.05	4.35	5.00	12.00	4.55	59.25	
August .....	4.95	1.95	3.85	6.50	2.85	1.65	1.05	6.15	5.35	1.32	34.62	
September .....	3.50	7.45	2.60	6.65	6.35	4.25	4.35	2.85	1.15	3.05	42.20	
October .....	1.85	12.85	4.30	7.70	9.15	2.75	4.90	6.55	5.95	7.05	63.05	
November .....	12.25	4.75	2.00	3.20	11.35	5.15	4.25	11.57	12.85	15.50	82.87	
December .....	3.15	6.05	3.30	21.15	9.00	7.50	6.15	7.50	5.55	6.15	75.50	
TOTALS .....	62.50	67.79	48.00	71.40	69.80	59.45	62.75	60.32	71.05	60.22	633.28	(14)

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

1 mile to 1 inch Series

Reference No.....

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



Station No. TF 1650RAINFALL at Dartmouth (Swindon Road)

41

County of South Devonshire Observer A. Atkinson Esq. C.E.River Basin Tamar & C-2N. G. Elliott Esq. C.E. (1945)

Type of Gauge.....

Annual Average 59.7 in, based on ..... years obs. un-weighted. Period of average..... Ref.....File No. 660408/26

Diameter	5"				368	675						
Height	1'0"											
Altitude	1074'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.05	7.90	15.54	9.65	4.81	10.86	(7.50)	16.90	3.71	3.37	84.29	
February	8.25	1.12	4.44	2.86	8.35	6.87	(4.00)	3.43	4.05	12.08	55.45	
March	5.95	5.90	2.21	4.45	3.86	5.92	15.47	4.76	3.03	6.53	54.08	
April	2.05	4.30	2.46	4.71	2.43	3.89	6.97	4.06	4.46	4.43	39.76	
May	3.95	9.40	7.26	1.31	5.31	7.76	4.23	4.36	4.65	3.46	51.62	
June	3.05	.75	3.75	7.67	9.34	8.31	5.53	4.36	1.46	2.33	46.55	
July	1.90	6.40	6.14	7.09	5.11	3.84	4.97	4.66	2.87	8.17	51.15	
August	7.25	7.70	6.14	4.72	4.73	9.80	1.74	6.94	4.54	11.18	64.74	
September	.90	5.92	7.85	5.48	6.19	12.71	3.98	6.31	6.61	11.82	67.77	
October	2.35	6.50	8.04	10.83	8.86	5.25	2.84	8.56	14.16	3.67	71.06	
November	4.25	1.65	5.75	16.17	.97	19.30	7.02	4.70	9.73	13.65	83.79	
December	5.75	13.15	6.36	7.82	10.62	10.65	6.28	13.17	4.95	8.31	82.06	
TOTALS	49.70	70.69	75.94	78.76	70.58	105.16	71.13	82.01	64.22	89.00	752.35	
	M	M	M	M	M	M	M	M	M	M		

\* Used in General Tables. Origin unknown

60004

Spoke change  
 second column 1941  
 for 1924 to 1941 read  
 values in 1941 of 1941  
 1941

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

Station No. 1650

RAINFALL at Dartmoor (Sivard's Cross)

TF. 9 51

County of S. Devon

Observer N.C. Elliot Esq. C.E.

River Basin Tamar 16-2

Type of Gauge Octapet

Annual Average 69.7 in. based on years obs. un-weighted. Period of average

Ref

72.01

32

with 1924-57

1916-57

File No. 660608/26

Diameter ...	5"				368	675					
Height ...	1' 0"					1					
Altitude ...	1074'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	10.31	8.35	2.19	3.88	10.32	8.76	10.73	8.84	12.56	8.34	84.27
February ...	4.63	1.71	2.72	8.16	6.00	.45	11.52	8.55	.57	7.27	54.58
March ...	9.60	8.72	1.56	4.71	2.94	(3.66)	9.86	3.24	10.10	6.11	63.49
April ...	3.96	7.21	4.62	1.11	3.75	(1.75)	.59	1.83	7.19	5.22	37.23
May ...	4.37	4.31	7.26	6.56	6.73	1.97	4.64	6.84	2.13	3.52	48.33
June ...	2.44	3.54	5.81	4.78	5.06	4.64	2.82	5.96	2.45	3.55	44.05
July ...	3.34	2.84	7.57	4.46	1.31	7.81	8.52	6.77	2.13	8.82	56.57
August ...	12.03	8.74	4.82	4.00	.54	6.55	7.22	(9.50)	2.51	6.36	65.27
September ...	9.85	5.81	6.46	9.67	3.74	<del>13.21</del> 3.74	8.76	11.94	.38	10.56	80.38
October ...	2.20	9.35	6.14	9.50	4.84	4.06	6.45	8.66	9.83	15.41	76.44
November ...	16.14	7.75	5.58	16.46	9.87	4.03	4.06	6.54	14.57	13.24	98.54
December ...	8.81	7.24	1.62	7.63	12.86	10.94	7.72	8.62	19.31	8.22	92.97
TOTALS ...	90.68 M	75.57 M	56.35 M	92.92 M	67.96 M	<del>67.21</del> 57.41	82.89 M	87.29 M	84.03 M	96.62 M	802.12

1951: March part solid. Mo3. by gauge. April solid Mo3. gauge tampered with.

July III 1909 16.0K. Slightly over sheltered by extreme otherwise satisfactory

The September 1956 value was mistranscribed from F 1090.

August 1958 total ext H.036. Gauge tampered with.

14014

00204

\* Used in General Table, origin unknown

Position of Station on Ordnance One-Inch map:

No. of Map 187

National Grid Reference SX 595 699

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

Summary of Earlier Records from 10-year Sheets:

Changed site 1924 with long gauge

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓