

RAINFALL AT Dartmoor <sup>Nurs</sup> Lizard Cross

Lat.

Long.

County of

Devon

Tamar &amp; C Rain Gauge, by

Observer

Sandeman 29 C8

Diameter . . .	5										
Height . . .	10										
Altitude . . .	1200 ft										
Year . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January . . .	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	[52.11]	68.94	(54.65)	(50.98)	60.21	46.68	45.55			

1892 Sheepstor Church 2 1/2 miles SE

1893 May, July &amp; August Gauge tampered with.

1894 April &amp; June computed.

1895 Gauge interfered with in June figures given estimated fall

+ annual total read from Plymouth log 2.23

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

## RAINFALL AT Dartmoor, Nine Cross - Sustons Cross

Lat.

Lon.

County of Devon

Mountain Rain Gauge, by N.S.T.

Observer F. Howarth Esq C.I.E.

Tamar and C. - 2.

Diameter ..	5										
Height ..	10										
Altitude ..	1200 ft										
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	1.06	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	6.80	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 Sheepstor Church 2 1/2 miles WSW

Princetown Station 2 1/2 .. N

Hub

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

## RAINFALL at Dartmoor Swards Cross

County of South Devon

Observer T. Howarth Esq. C.R.

River Basin Tamar &amp; 2

Rain Gauge, by

M

Diameter ...	5											
Height .....	1 0											
Altitude ...	1200 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	8.20	2.75	7.80	12.55	2.05	6.14	4.18	2.25	6.55	9.75	62.22	
February ...	9.00	5.00	8.40	2.80	9.10	13.65	8.25	1.72	5.40	6.55	69.87	21.92
March .....	1.75	4.40	10.30	8.00	11.60	1.88	3.50	4.30	3.40	7.86	46.99	14.06
April .....	4.90	4.15	.45	8.80	2.96	2.15	2.55	1.90	2.50	3.85	34.21	10.80
May .....	4.10	1.70	2.45	5.70	2.94	3.86	2.40	3.28	1.80	2.40	30.63	9.88
June .....	2.90	3.74	8.15	2.28	2.15	2.50	3.90	4.12	2.77	1.25	33.79	12.04
July .....	5.80	1.25	3.70	.52	8.50	7.30	2.10	4.20	5.75	2.55	41.27	14.60
August .....	8.30	4.75	15.10	2.24	4.83	1.85	5.25	8.50	3.58	5.25	59.65	22.57
September ..	.58	3.30	2.00	6.30	4.06	1.30	3.75	3.95	11.48	4.25	40.97	23.43
October ...	8.55	6.45	8.03	6.15	4.93	6.90	10.40	8.85	4.30	2.80	67.36	26.35
November ..	7.70	7.60	5.10	9.75	7.07	4.70	11.10	3.80	6.00	5.30	68.12	26.20
December ...	14.45	18.06	10.20	4.00	14.65	14.50	5.25	1.65	11.85	10.30	114.91	29.05
TOTALS ...	75.73	63.25	81.71	69.09	74.84	66.73	62.63	48.52	65.38	62.11	669.99	238.44

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

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Dartmoor (Edwards 1900) (

County of South Devon. Observer F. Howarth Esq. C.E.

River Basin 2

Bradford Rain Gauge, by N & Z  
Monthly.

1922 Including Dec. 31<sup>st</sup> <sup>1921</sup> Exposure of ~~#~~ <sup>100</sup> <sup>100</sup> specimens.

1924 Gauge moved to new level. 1074 ft.

New Site: In hollow at head of stream, nice shelter all round (7<sup>th</sup> October 1912)

see next sheet 1926 onwards (15/3/60) A new record should have been made from 1924 which would have prevented yellow from survey noted in red below.

N.B. annual values rejected from Survey tab. 1929

*Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series* } No. of Map

*Reference No.*

1650

## RAINFALL at SWARDS CROSS (1)

County of DEVON (SOUTH)

Observer F. HOWARTH C.E.

River Basin 2 - Tamar &amp;c.

Station 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					11.85	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 for 60 years previous to 1924. The latter 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 fit 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	Parish Church.	Distance from gauge	Direction

## RAINFALL at Dartmoor (Seward's Cross)

County of South Devonshire

Observer F. Hesketh Esq., M.P.

River Basin Tamar &amp; 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	6.85	1.04	6.35	4.40	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	6.25	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
					M						

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	Parish Church.	Distance from gauge

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. TF 1150

## RAINFALL at Dartmoor (Sivard's Corner)

41

County of South Devonshire. Observer A. Atkinson Esq. C.E.

River Basin Tamar &amp; C-2

N. G. Elliott Esq. C.E. (1945)

Type of Gauge.

Annual Average 50.7 in. based on years obs. un-weighted. Period of average.

Ref.

File No. 600608/26

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	1.45	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	51.69
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	4.84	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	71.05
November	4.25	1.65	5.75	16.17	.97	19.30	7.62	4.70	9.73	13.65	83.79
December	5.75	13.15	6.36	7.82	12.62	10.65	6.28	13.17	4.96	8.31	82.06
TOTALS	49.70	70.69	75.94	78.76	70.58	105.16	31.13	82.01	64.22	89.00	752.39
	M	M	M	M	M	M	M	M	M	M	

\* Used in General Tables. Origin unknown

60004

Since 1924  
Second chart 1941  
1924 to 1941 same  
Review in 1940 and 1941

'45 After 1947 record - B.P. 1924 P.B. (Bristol W.W.)

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

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

Station No. 1650

## RAINFALL at Dartmoor (Sivard's Cross)

TF.9 51

County of S. Devon

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

River Basin Tamar &amp; E-2

Type of Gauge Octant

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

72.01 " 32 " with 1924-57 " 1916-50

Ref. 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	4.45	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	13.21	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	14.87	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	75.57	56.35	92.92	67.96	57.81	82.89	87.29	84.03	96.62	802.12
	M	M	M	M	M	M	M	M	M	M	

1956: March part estd M5. By agrees April est 10.3. Gauge tampered with

July III 1959 16.0K. Slightly over shelter by enclosure otherwise satisfactory

The September and 1956 value was mistranscribed from F 1090. August 1958 total est 10.03b. 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 SX59569979

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

Summary of Earlier Records from 10-year Sheets :

Changed site 1924 with changes 1924-50

1910-19 1920-30 1931-40 1941-50 1951-60

Record  
D, or d

✓ ✓ ✓ ✓ ✓

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