

RAINFALL AT *Dartmoor Leather Tor Farm*

Lat. ....

Lon. ....

County of *Devon*Rain Gauge, by *Tamar & Co --2*Observer *E. Sandeman Esq C.E.*

Diameter ....			5								
Height .....			10								
Altitude ....			910 $\pi$								
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....			# 3.70	4.85	7.28	5.96	3.12	4.39	1.90	9.28	
February ....			5.83	10.05	5.25	.35	1.29	6.42	3.19	6.06	
March .....			1.96	.77	3.75	5.16	7.50	7.43	2.50	1.51	
April .....			2.04	.65	4.64	4.99	1.18	5.41	3.40	4.85	
May .....			2.13	2.71	4.88	.95	.14	2.66	4.31	4.28	
June .....			2.83	1.42	3.43	2.31	2.38	3.23	3.38	1.77	
July .....			2.50	6.81	5.79	5.60	3.46	1.69	.60	1.80	
August .....			5.76	2.55	4.52	6.05	2.88	6.94	4.96	1.79	
September...			4.53	4.26	3.71	.82	7.97	4.94	2.90	3.35	
October .....			7.64	5.66	8.13	5.16	5.32	2.03	8.55	4.83	
November....			5.23	3.94	10.89	10.42	2.20	3.26	5.69	5.24	
December ....			3.77	7.90	6.61	7.73	11.51	10.89	8.59	4.30	
TOTALS ....			47.92	51.57	68.88	55.50	48.95	59.29	49.97	49.09	

*1892 Sheepste Church 1 1/2 miles S.S.W*

1649

RAINFALL AT Dartmoor Leather Tor Farm

Lat.....

Lon.....

County of DevonMountainRain Gauge, by H. J.Observer F. Howarth Esq. C.E.Tamar and C. - 2.

Diameter ..	5										
Height ....	10										
Altitude ..	910 $\pi$										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	8.81	4.89	3.58	6.29	9.36	3.08	10.45	3.14	3.30	3.14	5604
February ..	8.52	1.84	3.22	3.65	9.13	2.49	6.08	3.74	4.11	.92	4373
March ....	3.22	3.93	4.64	7.80	3.65	7.92	2.74	2.39	5.67	8.37	5033
April .....	3.02	4.83	2.93	2.70	3.11	4.33	1.87	9.41	3.63	4.65	4048
May .....	2.83	2.18	2.36	3.55	5.27	1.06	5.25	5.15	3.30	2.23	3318
June .....	6.08	2.57	4.07	1.70	1.65	3.04	1.90	5.41	1.07	3.11	3060
July .....	3.30	1.63	3.26	4.75	6.82	1.22	2.34	2.97	4.61	6.41	3731
August ....	3.84	4.76	4.78	5.39	4.01	6.24	4.48	3.99	5.82	3.35	4666
September ..	3.36	4.87	2.12	5.89	3.93	2.49	1.66	1.98	3.13	2.13	3156
October ....	4.02	3.79	4.47	12.50	3.43	3.18	8.49	9.66	2.51	13.92	6617
November ..	6.12	1.04	6.61	4.12	3.35	7.84	4.58	5.07	3.35	2.31	4439
December ..	10.20	10.53	5.84	9.01	5.77	2.78	5.21	8.18	6.90	10.42	7484
TOTALS ..	63.32	46.86	47.88	67.38	59.48	45.67	55.05	61.29	47.40	60.96	55529

1903 Sheepston Church 1 1/2 mile S S E  
 Donaldson Station 2 miles W S W

Hub

RAINFALL at Dartmoor Leather Tor Farm

1649

County of South DevonObserver F. Newarth Esq. C.E.River Basin Jamar + C 2

Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	10											
Altitude ...	910 $\pi$											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	8.38	2.87	7.21	13.03	3.12	6.65	4.84	2.91	6.31	8.53	63.95	Total 16.18 22.59
February ...	9.40	4.97	8.10	3.44	8.92	12.54	8.99	2.03	5.14	6.36	69.89	22.52
March .....	1.82	5.09	11.74	8.92	11.36	1.78	4.19	4.00	3.46	8.23	60.59	19.83
April .....	5.30	4.53	.51	9.56	2.83	2.21	2.71	2.79	2.20	4.08	36.72	11.78
May .....	4.08	2.06	2.69	5.78	3.21	3.55	2.34	2.53	1.88	2.29	30.41	9.04
June .....	2.77	3.90	5.81	2.51	2.12	2.72	4.00	3.71	2.95	1.30	34.79	11.96
July .....	5.69	1.32	4.05	.48	7.68	6.01	2.14	3.19	4.38	3.69	38.64	13.40
August .....	9.21	5.11	15.18	2.14	5.14	2.93	5.85	8.74	3.67	4.96	62.43	22.72
September ..	.47	3.62	2.15	5.29	4.18	1.52	3.47	3.65	11.01	4.28	39.64	22.41
October ...	8.67	6.76	8.10	5.95	4.08	6.15	11.23	9.48	4.43	2.92	67.77	28.06
November ..	7.77	8.56	5.17	7.92	6.62	4.75	9.96	4.05	5.90	8.89	66.59	25.80
December ...	13.40	18.56	12.43	4.45	13.59	14.74	5.73	2.10	12.16	11.02	108.18	31.01
TOTALS ...	76.96	67.36	86.24	69.47	72.85	65.55	64.95	49.18	63.49	63.55	67.960	241.17 22.4

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



RAINFALL at Dartmoor (Heathy Tor farm)County of DevonObserver J. H. H. H. Esq. C.E.River Basin 2

Snowdon Rain Gauge, by No. 2

Diameter ...	5											
Height .....	1.0											
Altitude ...	910											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	11.91	9.04	9.19	5.35	8.26	8.17	9.20	8.15	9.88	3.20	9.40	Total 90.75
February ...	2.10	.08	6.84	13.74	3.02	8.50	5.10	4.50	5.10	2.05	2.45	53.78
March .....	6.31	4.99	5.73	3.48	3.23	1.30	1.60	6.40	7.40	.73	3.20	44.37
April .....	7.05	1.64	5.59	5.06	6.70	4.60	3.45	3.10	2.40	.60	5.45	45.64
May .....	5.21	3.51	2.52	4.30	6.45	6.55	2.85	1.10	1.60	5.05	2.75	39.89
June .....	2.82	.17	2.24	1.16	3.73	.00	4.85	4.25	4.25	2.30	1.63	27.40
July .....	8.38	2.91	7.20	2.42	6.96	5.00	2.70	6.10	2.75	3.20	4.40	51.92
August .....	2.78	4.47	6.23	5.77	9.06	5.35	3.70	5.75	2.75	5.15	5.85	56.86
September...	4.22	1.67	4.87	6.09	7.67	6.45	1.55	8.65	1.49	1.00	6.00	47.66
October .....	6.39	2.07	2.93	10.95	9.43	8.45	3.75	5.70	10.80	10.50	7.20	72.17
November...	4.14	5.60	4.46	5.15	6.75	4.20	12.40	6.60	9.30	20.25	8.10	86.95
December...	8.13	4.77	10.15	8.04	9.25	8.80	1.15	7.60	7.95	10.30	5.10	81.24
TOTALS...	67.44	41.22	66.95	71.51	80.51	67.37	52.30	67.90	65.57	64.33	61.53	706.63
	D	D	D	D	M	M	M	M	M	M	M	486

1924. Gauge read monthly.

Site: 8 ft sq enclosure of 4 ft iron rails, in open meadow Tor to W 1/4 mile. S feet with small scrub 100 yds away. Rather open but best site available. (F. V. Salter 1923)

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 (Leather Tor Farm)County of South DevonshireObserver E. Harcourt Esq. C.E.River Basin Tamar & C. - 2A. Atkinson Esq. C.E.

Type of Gauge.....

Annual Average 52.2 in. based on 35 years obs. ~~un~~-weighted. Period of average..... 1881/1915 Ref. Source660608/26.

Diameter	5.										
Height	1.0.										
Altitude	910.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals. Means
January	4.45	8.65	3.95	6.15	2.00	9.25	10.15	8.75	8.80	3.85	6600
February	5.85	1.03	5.85	3.5	6.15	6.70	10.30	3.35	3.70	7.00	4928
March	1.85	3.50	7.00	4.50	1.65	5.45	6.85	1.25	2.75	4.55	3935
April	3.95	5.15	4.05	4.50	6.35	3.00	4.25	2.2	3.95	4.35	3987
May	3.60	5.75	2.60	3.00	3.00	.90	3.40	4.35	1.45	2.35	3040
June	5.85	3.65	3.00	2.55	6.50	1.70	2.05	3.05	5.15	1.15	3435
July	6.15	7.50	2.85	1.50	1.25	10.50	4.30	4.60	11.15	4.25	5405
August	4.75	1.80	3.50	6.15	3.10	1.75	.95	6.00	5.85	.37	3422
September	3.20	8.05	1.65	5.55	7.00	4.15	4.15	3.15	1.20	3.25	4135
October	2.05	11.75	4.50	5.60	9.45	2.85	4.40	7.35	6.15	6.75	6095
November	12.50	4.35	1.40	2.70	11.50	5.00	4.00	10.55	12.75	13.45	7820
December	3.40	5.15	2.45	20.50	7.75	7.75	6.25	7.15	5.05	5.95	7140
TOTALS	57.30	65.33	42.80	63.05	65.70	59.00	61.25	59.77	67.96	57.27	59942

1935 \* Gauge tampered with. Oct estimated by observer.

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

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

RAINFALL at Dartmouth (Leather Tor Farm)Station No. 75.1649

41

County of South Devonshire Observer A. Atkinson Esq. C.E.River Basin Tamar & C.N. G. Elliott Esq. C.E. (1946)

Type of Gauge.....

Annual Average 59.0 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S.File No. 660608/26

Diameter	5"				368	668						
Height	1'0"											
Altitude	910'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.92	7.95	10.60	7.71	4.02	9.17	(7.00)	13.59	3.22	3.21		Total 70.39
February	8.05	1.05	3.11	2.19	5.56	6.76	(2.25)	2.47	3.28	9.76		44.48
March	5.60	5.95	1.78	2.27	2.46	4.20	12.33	3.44	2.41	4.83		43.27
April	2.15	4.15	1.53	3.71	1.66	2.86	5.54	3.32	3.84	4.38		33.14
May	4.05	8.75	6.28	1.07	4.58	5.92	4.26	3.92	4.05	2.53		45.41
June	3.25	.65	3.04	6.73	8.80	6.62	4.56	3.30	1.29	2.26		40.49
July	1.95	4.31	4.17	5.41	4.64	3.35	4.46	3.45	2.89	7.23		41.85
August	7.50	5.50	5.81	3.76	4.19	8.68	1.43	6.43	3.57	10.32		57.19
September	.80	4.95	5.59	4.46	3.93	12.43	3.72	5.23	4.58	10.86		56.55
October	2.20	5.65	6.61	8.74	(7.20)	4.05	2.47	7.45	12.36	2.92		59.65
November	4.15	1.42	4.95	12.32	.68	13.75	6.55	4.21	8.09	11.53		67.65
December	5.95	9.90	5.40	6.43	(10.10)	8.40	4.93	10.36	4.30	6.74		72.51
TOTALS	49.57	60.23	58.87	62.80	(57.82)	86.19	59.50	67.17	53.86	76.57		632.58
	M	M	M	M	M	M	M	M	M	M		266

1945 Oct &amp; Dec gvd. by engineers, g. found to be leaking. Junes can repaired Jan. 1946.

60044

60039

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

BRITISH RAINFALL ORGANIZATION



Station No. 1649

RAINFALL at Dartmoor (Leather Tor Farm)

TFA 51

County of S. Devon

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

River Basin Tamar &amp; E-2

Type of Gauge Octapont

Annual Average 59.0 in. based on 35 years obs. unweighted.

Period of average 1881-1915 Ref S

62.28... 1916-1950

File No. 1916-1950 660608/26 P

Diameter ...	5"				368	668						
Height ...	1' 0"					1			1' 1"			
Altitude ...	910'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	7-Means	
January ...	8.78	7.45	1.93	3.27	9.45	6.71	9.82	7.91	10.61	7.36	73.29	
February ...	8.95	1.46	2.41	7.37	4.53	2.9	9.73	6.92	40	7.03	49.09	
March ...	7.76	7.81	1.44	6.67	2.53	2.71	8.16	2.45	8.79	5.02	53.32	
April ...	3.39	6.07	4.33	.81	2.79	1.45	.52	1.46	6.21	5.15	32.18	
May ...	3.79	3.47	6.22	4.63	6.22	1.62	3.75	6.02	2.73	2.75	41.20	
June ...	2.17	2.51	5.19	6.38	4.23	4.27	2.21	5.53	2.58	3.55	38.62	
July ...	3.12	2.57	6.04	6.24	2.11	7.07	8.32	6.27	2.83	8.23	52.80	
August ...	10.46	7.33	4.61	5.63	.19	5.98	6.83	9.33	2.40	5.25	57.01	
September ...	8.45	4.75	6.08	8.26	3.16	10.65	7.63	9.53	.29	9.85	68.65	
October ...	1.67	7.86	5.83	8.05	4.56	3.81	5.86	6.58	7.54	11.05	62.81	
November ...	12.10	5.85	5.02	13.63	7.73	2.54	3.55	5.52	12.86	11.34	80.14	
December ...	7.37	6.10	1.45	6.37	10.53	10.21	6.56	7.96	15.65	6.80	79.00	
TOTALS ...	78.01	63.23	50.55	77.31	68.03	67.31	71.94	75.46	72.89	83.38	688.11	
	m	m	m	m	m	m	m	m	m	m	m	

July 1957/1958: Tides W-NW backing on moorlands also NE-SE with moorlands late.  
 3/6/60 reaction get possibly this year.

688.11

Position of Station on Ordnance One-Inch map :

No. of Map 187

National Grid Reference SX 56698

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 - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓ sheet - 16-18	✓ sheet - 24-30	-	-	