

RAINFALL AT Dartmoor Head Weir Sheepsator

Lat..... Lon..... County of Devon

Rain Gauge, by..... Observer G.D. Bellamy Esq

Tamar & C - 2

Diameter.....				5							
Height.....				1							
Altitude.....				690							
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				#10.45	9.80	10.53	4.29	12.25	3.43	6.76	
February.....				4.45	4.06	3.27	8.82	3.15	2.91	6.97	
March.....				7.11	2.88	2.72	4.98	3.77	2.56	1.05	
April.....				1.17	4.15	2.20	6.48	8.00	5.95	3.43	
May.....				3.72	9.7	3.71	9.6	4.46	8.07	4.51	
June.....				4.46	2.10	4.87	1.80	3.84	5.25	9.93	
July.....				5.31	3.02	5.33	3.71	6.62	2.29	8.35	
August.....				9.04	5.00	3.29	6.18	8.64	8.25	8.91	
September.....				5.06	8.73	6.37	9.49	4.00	3.88	6.19	
October.....				3.40	10.29	6.49	8.21	6.37	6.48	3.43	
November.....				6.69	7.22	7.12	5.99	11.27	4.63	0.6	
December.....				2.61	5.61	2.68	17.11	3.67	3.44	2.10	
TOTALS.....			78.21	63.47	63.83	58.58	78.02	76.04	57.14	61.69	

1872 total from P.T. recd. 11.22 and 11.23

RAINFALL AT *Dartmoor Head Weir Cottage*

Lat.

Lon.

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

Diameter											
Height	1	0									
Altitude	720										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.39	2.91	2.82	6.70	7.99	4.16	5.23	5.36	2.47	1.99	
February	6.39	5.21	2.74	8.64	7.87	8.73	2.24	2.10	.69	3.70	
March	1.97	6.26	2.30	1.93	5.11	1.82	6.50	2.56	6.56	7.06	
April	5.49	.90	5.05	2.07	3.05	4.71	3.10	2.53	2.39	2.56	
May .....	.86	2.40	1.70	3.20	2.46	3.94	2.95	2.42	3.01	3.17	
June	3.40	5.64	4.44	5.90	.81	3.24	2.22	.72	3.45	1.02	
July	6.26	3.35	8.53	4.45	6.04	1.19	6.82	3.62	9.87	5.60	
August .....	.83	8.80	3.95	2.51	1.68	1.75	4.71	2.34	4.57	6.86	
September	6.12	2.23	6.84	8.49	4.74	7.02	4.75	5.29	1.45	2.37	
October	6.47	4.57	7.22	6.76	3.61	8.62	10.12	3.83	2.90	6.18	
November	5.72	6.16	7.53	5.80	3.04	7.65	5.23	5.42	12.44	5.78	
December	5.49	4.01	7.84	2.14	7.29	2.31	5.92	4.63	6.91	6.05	
TOTALS	49.39	52.44	60.96	58.59	53.69	55.14	59.79	40.82	56.71	52.34	53.98

RAINFALL AT Sheepston Head Wen

Lat. _____

Lon. _____

County of Devon

Rain Gauge, by _____

Observer E. Sandeman Esq. C.E.

Tamar & C -2

Diameter	5										
Height	1.0										
Altitude	690 ^T								715	720	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.46	5.52	3.07	4.40	7.12	6.41	2.87	4.62	1.77	9.11	5.285
February	1.73	.16	4.45	9.15	5.16	.17	1.39	5.92	2.96	5.66	3.615
March	2.23	2.81	1.62	.49	4.05	5.32	6.74	7.27	2.42	1.00	3.395
April	2.91	1.56	1.68	.63	4.67	5.04	.95	5.13	3.22	4.78	3.057
May	2.76	4.13	2.26	2.87	4.72	1.24	.13	2.59	4.23	3.94	2.887
June	5.71	2.87	2.83	1.27	3.11	2.21	2.52	3.05	2.90	1.97	2.844
July	7.96	5.62	1.73	5.87	4.99	5.96	3.80	1.61	.60	1.80	3.994
August	4.64	13.39	5.68	2.60	4.12	5.74	3.12	7.40	4.74	1.85	5.228
September....	1.45	5.86	4.47	3.97	3.68	.81	8.64	4.78	2.93	2.34	3.893
October	3.10	16.41	7.81	4.79	7.74	5.16	5.57	2.08	7.77	5.11	6.554
November....	7.50	6.54	5.23	3.37	10.73	10.72	2.23	3.20	5.31	5.35	6.018
December	1.99	8.89	3.03	8.30	6.81	7.61	12.48	10.85	8.55	5.34	7.385
TOTALS	49.44	73.76	43.86	47.71	66.90	56.39	50.44	58.50	47.40	48.25	54.265

1891 1.56 added = March, previously for Snow

1891 Sheepston 3/4 mile S.E.

House 25ft high 60 ft N.W.

1898 Gauge moved 385 ft N.W.

Comparative readings of gauges in the new & old positions
for 3 months showed no appreciable difference

RAINFALL AT Sheepston Head Weir

Lat.

Lon.

County of S. DevonMountainRain Gauge, by H. 2Observer F. Howarth Esq. Cl.Tamas and C. - 2.

Diameter ..	5										
Height	10										
Altitude ..	720 I										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	8.80	3.97	2.93	5.38	10.77	3.09	11.17	2.94	3.67	2.81	5.553
February ..	9.34	1.89	2.35	3.57	10.03	2.10	6.23	3.57	4.16	.88	4.407
March	2.76	2.95	3.84	6.26	3.13	7.83	2.57	2.17	6.15	8.14	4.580
April	2.70	4.78	2.86	2.04	3.31	4.51	1.66	9.60	3.71	4.14	3.931
May	2.88	2.48	1.80	2.60	5.17	1.00	6.03	4.89	3.51	1.89	3.225
June	6.12	2.66	2.54	1.32	2.07	3.00	2.04	5.43	1.21	2.99	2.938
July	2.37	1.72	2.72	4.66	7.30	1.17	2.21	3.03	4.49	5.78	3.545
August	4.46	5.17	4.17	4.89	4.30	6.12	4.83	3.76	5.62	3.10	4.642
September ..	2.88	4.64	1.84	4.62	4.40	2.51	1.96	2.06	3.17	1.86	2.994
October	4.50	4.11	4.02	11.17	3.16	3.18	9.46	10.68	2.89	12.19	6.536
November ..	6.32	.94	7.20	2.51	3.15	9.10	4.84	5.46	3.38	2.01	4.491
December ..	9.84	8.83	5.63	7.78	6.60	3.05	4.80	8.78	6.61	8.97	7.089
TOTALS ..	62.97	44.14	41.90	56.80	63.39	46.66	57.80	62.37	48.57	54.71	53.931

4500 (4500) (45.00) low Hub
 1903 Sheepston Church $\frac{3}{4}$ mile SSE

Donsland Station $\frac{1}{4}$ " W

Burnator Lodge 500 yards SSE

1901-1903 look low ? leaking (Dartmouth Down 1902)
 1902-1903 Plymouth Water 1903
 1905

RAINFALL at Sheepston Head WnCounty of South DownObserver F. Newnham C.E.River Basin Jamara + C 2

Rain Gauge, by _____

Diameter ...	5											
Height	1 0											
Altitude ...	720											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	6.76	2.32	4.98	10.76	2.85	6.05	4.86	3.29	5.91	9.45	57.23	16.49
February ...	7.69	3.96	6.25	2.17	9.97	12.14	8.80	2.04	5.54	6.97	65.53	23.51
March	1.41	3.98	9.12	6.94	10.67	1.76	3.90	4.18	3.67	8.26	53.89	20.01
April	4.56	3.22	.41	6.42	2.86	2.14	2.67	2.27	1.88	3.82	30.25	10.64
May	3.50	1.58	2.16	4.88	3.27	3.38	2.17	2.38	2.00	2.45	27.77	9.00
June	2.47	3.25	7.29	2.17	2.20	2.37	4.10	3.37	2.76	1.40	31.38	11.63
July	4.60	1.23	3.27	.66	7.39	5.97	2.13	3.68	5.51	2.47	36.91	13.79
August	7.59	3.92	12.01	1.74	4.77	2.67	5.08	8.28	3.76	4.84	54.66	21.96
September ...	.51	3.07	1.84	4.69	3.94	1.64	3.08	3.86	10.72	3.98	37.33	21.64
October ...	7.67	5.10	7.16	4.97	3.59	5.99	10.50	9.75	4.86	3.32	62.91	28.43
November ...	7.14	6.54	4.87	7.37	6.71	4.68	10.01	3.59	6.01	5.52	62.44	25.13
December ...	11.57	13.21	9.83	4.18	13.26	14.59	5.95	2.10	12.28	11.65	98.62	31.98
TOTALS ...	65.47	51.38	69.19	56.95	71.48	63.34	63.25	48.79	64.90	64.13	61.892	241.07
	2	2	2	2	2	2	2	2	2	2		9.67

Low (Plymouth 1923)

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

20

Observer J. Horvath Eng. C.E.

[illegible]

Level meadow close to Reservoir. Trees on W & SW of gauge.

No. of Map _____

Reference No. _____

[illegible]

RAINFALL at Sheepstor (Head Weir)County of South DevonshireObserver F. Howarth Esq. C.E.River Basin Tamar & C. - 2A. Atkinson Esq. C.E.

Type of Gauge.....

Annual Average 57.0 in. based on 43 years obs. ~~un~~-weighted. Period of average 1881-1925 Ref. 500000000660606/26

Diameter	5.											
Height	1.0.											
Altitude	720.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	6.13	9.20	4.00	7.30	1.93	8.79	9.36	7.93	8.83	3.52	66.89	
February	5.60	.06	5.97	4.44	7.11	5.26	10.19	2.31	4.42	6.75	48.11	
March	1.86	3.72	7.04	5.08	1.45	5.26	5.78	.75	2.83	4.63	38.40	
April	4.11	4.33	4.91	4.47	6.57	3.02	4.12	.15	4.00	3.71	39.39	
May	3.93	6.26	2.19	2.51	3.17	.63	3.52	4.22	1.24	2.41	30.08	
June	6.51	4.42	2.79	2.53	6.56	2.08	2.14	2.34	4.58	1.01	35.46	
July	6.74	5.53	4.56	1.20	1.21	10.83	4.08	4.55	11.44	4.87	55.01	
August	5.31	1.56	3.82	5.60	2.62	1.25	1.12	5.95	5.62	.30	33.15	
September	3.29	7.67	2.17	5.75	7.71	3.83	4.61	2.81	.57	3.04	41.45	
October	1.74	11.94	5.53	6.25	9.66	2.67	4.71	3.75	5.86	6.54	63.65	
November	10.99	4.43	2.08	2.76	10.27	5.62	3.45	11.39	13.15	13.32	77.46	
December	3.38	5.19	2.62	19.83	7.33	7.80	5.28	7.20	4.97	5.55	69.15	
TOTALS	69.59	64.81	47.68	63.72	65.49	57.04	58.36	58.35	67.51	55.65	598.20	
	D	D	D	D	D	D	D	D	D	D	D	

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. T.F. 1645.RAINFALL at Sheepator (Head Weir)

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

Type of Gauge.....

Annual Average 57.0 in. based on 43 years obs. un-weighted. Period of average 1881-1915 Ref. SAv. shown is 2 in 1881 than 1864 but catches down with or two more. File No. 66.06.08/26

Diameter	5"				368	714						
Height	1' 0"											
Altitude	720'						730'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.80	7.15	11.34	6.36	4.18	7.36	6.56	12.82	3.00	2.39		Totals 65.06
February	7.97	.86	3.35	2.17	5.57	5.86	2.30	3.21	2.91	9.67		43.87
March	5.44	5.67	1.66	.22	2.47	3.29	10.62	3.24	2.22	4.94		37.77
April	1.25	3.75	1.94	3.59	1.69	2.73	4.90	3.53	3.58	4.10		31.06
May	3.72	8.79	5.52	1.04	4.53	5.55	3.75	3.49	4.30	2.62		43.31
June	3.23	.63	2.85	5.15	6.99	6.16	4.38	3.55	1.41	2.17		36.52
July	2.01	4.22	4.07	5.93	4.49	3.28	4.48	3.40	3.57	7.36		42.81
August	7.10	6.69	5.16	5.02	3.48	7.49	1.16	6.52	3.01	9.25		54.88
September	.68	5.75	6.01	4.31	4.23	10.25	3.66	5.21	4.32	10.24		54.66
October	1.89	5.53	6.57	9.47	7.49	4.19	2.79	7.08	11.46	3.03		59.50
November	3.82	1.39	4.40	13.36	1.24	11.73	5.72	4.15	8.18	10.89		64.88
December	5.52	9.82	6.02	5.65	8.84	8.44	4.92	10.12	4.23	6.91		70.47
TOTALS	46.43	60.25	58.89	62.27	55.20	76.33	55.24	66.42	52.19	73.57		606.77
	D	D	D	D	D	D	D	D	D	D		92.6

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. 1645

RAINFALL at Sheepston (Head Weir)

T. 951

County of S. DevonObserver N. G. Elliot Esq. C.E.River Basin Tamar & G. 2Type of Gauge M.O.Annual Average 57.0 in. based on 43 years obs. un-weighted. Period of average 1881-1915 Ref SHatched is 2 in less than 1644 but catch on incl. or on more
62.20 in. based on 35 years obs. 1916-1950File No. 660608/26

Diameter ...	5"					368	714					
Height ...	1' 0"						1			11"		
Altitude ...	430'					51	240'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	7.83	6.74	1.90	3.10	7.81	6.81	7.03	7.18	9.21	6.59	64.20	
February ...	11.00	1.21	2.30	7.00	3.88	33	8.42	6.09	37	6.81	43.41	
March ...	7.31	6.71	1.27	6.48	2.23	2.58	7.44	2.39	8.60	4.83	49.84	
April ...	3.39	5.84	4.32	7.71	2.84	1.57	4.9	1.56	5.85	4.84	31.47	
May ...	3.79	3.31	5.95	5.18	5.89	1.67	3.33	5.94	2.29	2.57	39.92	
June ...	2.11	3.12	4.97	6.02	4.13	4.07	2.40	5.42	2.18	3.19	36.61	
July ...	2.87	2.04	6.23	5.86	2.75	6.25	7.24	6.67	2.51	7.26	49.68	
August ...	9.59	6.59	4.20	5.84	3.37	5.76	5.61	8.39	2.36	5.40	54.10	
September ...	8.06	4.53	5.98	7.69	3.23	9.64	7.02	9.26	30	9.25	64.96	
October ...	1.60	7.62	5.91	7.10	4.69	5.73	5.06	6.85	7.30	10.71	61.47	
November ...	9.92	5.09	5.00	12.69	7.19	2.61	3.49	4.96	11.26	11.15	73.36	
December ...	6.47	6.19	1.27	6.22	9.90	8.90	5.77	7.21	13.40	6.80	72.13	
TOTALS ...	69.94	58.99	49.30	73.95	54.81	53.91	63.30	71.92	65.63	79.40	64.15	
	D	D	D	D	D	D	D	D	D	D	D	

1958 Error in altitude found by actual levelling (22.3.58) original figure thought to have been estimated.
 July 1959. Slightly over-shallness by extreme otherwise satisfactory

Position of Station on Ordnance One-Inch map :

No. of Map 187National Grid Reference SK 553487

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
	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓