

RAINFALL at Dartmoor, Double WatersCounty of S. DevonshireObserver J. Horswath Esq. C.E.River Basin Tamar & C. 2Payment W.W.

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

Monthly Gauge

Diameter ...					5						
Height .....					1.0						
Altitude ...						1165					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...					8.75	10.10	10.30	11.10	12.30	3.95	12.20
February ...					2.70	8.50	5.95	6.35	6.50	2.25	2.75
March .....					3.15	1.63	1.85	7.80	8.90	1.20	4.20
April .....					6.20	5.05	3.75	4.25	3.00	1.15	5.20
May .....					(6.93)	7.80	3.75	1.30	1.75	6.80	3.95
June .....					4.13	.07	5.15	5.30	5.20	3.45	2.95
July .....					6.70	6.70	3.15	8.20	3.70	3.35	4.95
August .....					9.55	8.50	4.50	7.22	3.40	7.10	6.95
September...					8.30	7.15	2.65	10.15	1.70	1.55	7.75
October .....					10.25	10.40	4.50	6.80	12.60	11.35	9.60
November...					6.10	5.45	14.00	7.10	11.90	25.10	10.90
December...					10.75	8.40	1.30	8.62	9.10	13.50	6.60
TOTALS...					83.51	79.75	60.85	84.19	80.15	80.75	78.00

1924 Gauge moved from Leadon Tor. May extd from run. 21st.

Site - Hollow near head of stream Ridge rising to 20 ft higher than g. 50-100 yds S. &amp; 3 ft on N. but this is not.

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

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

RAINFALL at Dartmoor (Double Waters)County of South DevonshireObserver F. H. Mearns, Esq. C.E.River Basin Tamar & C. - 2A. Atkinson, Esq. C.E.

Type of Gauge.....

Annual Average 64.2 in. based on 3 years obs. ~~un~~-weighted. Period of average 1881/1905 Ref. Survey

660608/26.

Diameter	5.											
Height	1.0.											
Altitude	1165.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	7.50	11.05	5.95	6.60	1.50	8.40	11.50	9.40	8.30	(3.75)	73.95	
February	6.25	.05	5.85	4.0	6.25	4.40	12.30	2.00	4.25	6.35	48.10	
March	1.80	4.90	7.25	3.95	1.25	5.50	6.10	1.10	2.40	5.40	39.65	
April	4.85	5.40	4.65	(4.70)	6.75	3.10	4.30	1.10	3.40	4.15	41.40	
May	4.85	6.70	2.75	(2.80)	2.35	7.85	3.55	4.20	1.10	2.25	31.50	
June	7.40	5.10	3.85	3.10	6.45	2.50	2.20	2.50	5.60	.96	39.65	
July	7.65	5.80	5.45	1.40	1.55	14.20	4.20	5.05	12.25	4.90	63.05	
August	5.45	1.85	4.20	6.30	3.30	1.70	.96	7.85	4.35	.50	36.45	
September	4.15	9.40	2.05	(5.80)	8.20	4.70	4.25	3.40	.50	3.60	46.85	
October	2.50	14.75	6.40	(6.50)	9.30	3.35	3.70	9.35	5.35	6.70	67.90	
November	13.75	5.75	2.10	2.20	10.10	6.30	3.60	11.75	14.00	12.20	81.75	
December	4.50	6.40	2.20	19.70	7.10	10.15	5.95	7.00	6.00	6.25	75.25	
TOTALS	70.15	77.15	52.70	63.45	64.10	65.15	63.21	64.30	67.50	57.01	64.75	

1940 Jan. est. for snow.

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
from map '38			Princetown	1 m	N.E.	Princetown	1 1/2 m	N.E.

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

Station No. TF 1657RAINFALL at Dartmoor (Double Station)

41

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

Type of Gauge.....

Annual Average 64.3 in. based on 2 years obs. un-weighted. Period of average 1881-1915 Ref. S.File No. 660608/6

Diameter	5"			368	641							
Height	1'0"											
Altitude	1165'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	7 Means	
January	4.95	9.10	12.30	7.46	4.69	8.66	(7.50)	13.71	3.76	3.64	75.77	
February	8.03	(94)	4.10	2.08	7.06	6.05	(4.50)	33.7	3.47	10.28	49.88	
March	5.80	6.10	1.75	2.27	3.00	4.32	11.75	3.81	2.84	5.25	44.89	
April	1.20	3.65	2.35	3.70	2.45	6.59	5.55	3.62	4.40	4.66	38.17	
May	3.80	9.10	6.14	1.10	5.33	5.09	3.58	5.10	4.96	2.50	46.70	
June	3.73	.53	3.35	5.45	7.82	6.82	4.67	4.42	1.28	2.85	40.92	
July	2.55	5.05	4.63	6.07	(4.50)	3.66	4.27	3.90	4.24	7.45	46.32	
August	8.45	6.90	5.60	4.43	3.86	7.12	1.05	5.95	2.20	11.20	56.76	
September	.88	6.00	5.36	4.80	4.30	13.35	3.76	5.64	4.65	11.03	59.77	
October	3.78	5.90	7.12	9.35	7.56	3.25	2.74	8.35	13.15	2.68	63.88	
November	4.50	1.35	5.03	14.32	.89	15.94	6.48	3.66	8.61	13.43	74.21	
December	6.80	12.10	5.34	6.46	9.70	7.84	5.50	11.15	4.29	6.24	74.92	
TOTALS	53.97	66.72	63.07	65.49	61.16	88.69	61.35	72.68	57.85	81.21	672.19	
	M	M.	M	M	M	M	M	M	M	M		

1942. Feb. est'd for snow.

1945 July est'd.

1949 \* gauge read Aug 2nd. 32 days total &amp; 30 days respectively for the 2 months.

1950 \* gauge read Oct 2nd. 31 days total &amp; 30 days for the 2 months.

20004

40004

60004

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. 1657

## RAINFALL at Dartmoor (Double Waters)

T99 51

County of S. Devon

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

River Basin Tamar 1 C-2

Type of Gauge Octafent

Annual Average 64.2 in. based on 3 years obs. un-weighted. Period of average 1881-1915 Ref S  
" " 68.02 " " 30 " " 1916-59  
" " 68.02 " " 30 " " 1924-57  
File No. 260608/26 S

Diameter ...	5"				368	641					
Height ...	1' 0"					1					
Altitude ...	1165'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	8.10	6.95	1.71	3.00	7.37	6.95	8.46	(7.95)	10.74	7.75	68.98
February ...	7.46	1.41	2.59	6.80	4.60	.35	9.55	7.36	4.1	7.76	48.29
March ...	7.30	7.45	1.72	6.23	2.45	2.50	8.40	2.43	8.60	5.00	52.18
April ...	3.58	5.80	4.11	.62	3.17	1.34	.34	1.63	6.30	5.30	32.19
May ...	3.46	3.61	5.75	5.60	6.72	1.63	(3.85)	6.31	1.69	2.44	40.96
June ...	1.99	3.25	4.85	6.00	3.72	4.12	2.26	(5.45)	2.06	3.30	37.00
July ...	2.88	2.23	6.68	8.89	1.25	7.60	8.14	5.45	2.67	7.92	53.71
August ...	10.80	7.65	4.67	5.53	.32	5.50	5.97	9.10	2.20	5.06	56.80
September ...	7.54	5.01	7.20	9.00	3.88	10.76	8.05	9.02	.33	9.36	70.15
October ...	1.80	7.64	6.20	8.16	4.00	3.78	6.08	7.30	7.33	10.47	62.76
November ...	11.00	5.12	4.99	16.35	7.30	3.66	3.12	6.10	12.84	12.35	82.83
December ...	7.02	5.85	1.24	6.92	10.92	10.46	6.10	7.50	15.32	7.08	78.41
TOTALS ...	72.93 M	61.97 M	51.71 M	83.20 M	55.70 M	58.55	70.32 np.	75.60 M	70.49 M	83.79 M	684.26

1951. max & min obs by 11026  
1955 (4-00) at 11036. Jan. except 7.37. N. Horsley measured a similar amount 11036.

1957. np. low. May at 1103. Gauge tampered with.

1958. 1103. Slightly over-sheltered by overhanging althorn satisfactory.

1958 Print. Jan. ant. &amp; eng. agrees. June adjustment accepted.

0204 4104

Average may be 2 in. low

Position of Station on Ordnance One-Inch map:

No. of Map 187

National Grid Reference SK 575 723

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

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1924	✓	✓	