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RAINFALL at Dartmoor, Double Waters

County of S. Devonshire

Observer F. Howarth Esq. B.E.

River Basin Tamar & C. 2

Plymouth W.W.

Rain Gauge, by

Monthly Gauge

Diameter ...					5"						
Height					100						
Altitude ...						1165					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...						8.75	10.10	10.30	11.10	12.30	3.95
February ...						2.70	8.50	5.95	6.35	6.50	2.25
March						3.15	1.63	1.85	7.80	8.90	1.20
April						6.20	5.05	3.75	4.25	3.00	1.15
May						(6.93)	7.80	9.75	1.30	1.75	6.80
June						4.13	0.7	5.15	5.30	5.20	3.45
July						6.70	6.70	3.15	8.20	3.70	3.35
August						9.55	8.50	4.50	7.22	3.40	7.10
September...						8.30	7.15	2.65	10.15	1.70	1.55
October.....						10.25	10.40	4.50	6.80	12.60	11.35
November...						6.10	5.45	14.00	7.10	11.90	25.10
December...						10.75	8.40	1.30	8.62	9.10	13.50
TOTALS...						83.51	79.75	60.85	84.19	80.15	50.75
						M	M	M	M	M	M

1924 Gauge moved from Leedon Tor. May 1st from sun. elev.
meters recommendation.Site:- Hollow near head of stream. Ridge rising to 20ft higher than g. 50-100 yds SW.
Flat on N but rises beyond.

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 (Double Waters).

County of South Devonshire.

Observer F. H. North, Esq., C.F.

River Basin Tamar & C - 2.

A. Atkinson, Esq., C.F.

Type of Gauge.....

Annual Average 64.7 in. based on 3 years obs. unweighted. Period of average 1.584/2.5 Ref. Survey

660608/26.

Diameter	5.										
Height	1.0.										
Altitude	1165.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.00	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	4.40	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	5.60	4.65 (4.70)	6.75	3.10	4.30	.10	3.40	4.15	4.15	41.40
May	4.85	6.70	2.75 (2.80)	2.35	.85	3.55	4.80	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	39.66
July	7.65	5.80	5.45	1.40	1.55	14.20	4.80	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	38.46
September	4.15	9.60	2.05 (3.80)	8.20	4.70	4.25	3.40	.50	3.60	4.60	
October	2.50	4.75	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	644.75

1940 Jan. set. for snow.

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	Direction
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. T.F. 1657

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RAINFALL at Dartmoor (Double Waters.)

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

Annual Average 64.3n. based on 3 years obs. un-weighted. Period of average 1881-1915 Ref S.

File No. 60960046

Diameter	5"		368	641							
Height	1'0"										
Altitude	1165'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	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	(9.4)	4.10	2.08	7.06	6.05	(4.50)	3.87	3.47	10.28	49.88
March	5.80	6.10	1.75	.27	3.00	4.32	11.95	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	2.56	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	8.88	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	13.16	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	34.67	61.35	72.68	57.86	81.21
	M	M.	M.	M.	M.	M.	M.	M.	M.	M.	M.

1942 Feb. cut'd for snow.
1945 July cut'd.1949 * gauge read Aug 2nd : 32 days total = 30 days respectively for the 2 months.
1950 * gauge read Oct 2nd : 31 days total = 30 days for the 2 months.

20004

40004

60004

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

Station No. 1657

RAINFALL at Dartmoor (Double Waters)

1657 51

County of S. Devon

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

River Basin Tamar & E. 2

Type of Gauge. Octagonal

Annual Average 64.2 in. based on 3 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " " 68.02 " " 30 " " Within 1924-57 " " 1916-50 S
 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 T
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	3.35	9.55	7.36	4.41	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	6.2	3.17	1.34	3.4	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	3.2	6.50	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	3.3	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	61.97	51.71	83.20	55.70	58.55	70.32	75.60	70.49	83.79	684.26
	M	M	M	M	M	M	M	M	M	M	

1951 max + after 1st May 26

1956 (4 m) est 1038. Jan. except 7.37. N. Herring measured a similar amount 11036.

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

Feb III 1959 1000. Slightly over-sheltered by enclosure otherwise satisfactory.

1958 Print. Jan est. very agrees. June adjustment accepted.

02004 41004

+ Average may be 2 ins. low

Position of Station on Ordnance One-Inch map :

No. of Map 187

National Grid Reference SX 575 723

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