

RAINFALL at DARTMOOR (STRANE VALLEY) NO. 2

County of S. DEVON

Observer E. ROWLANDS C.E.

River Basin DART - 4

ENGINEER PAIGNTON, U.D.C.

Gauge Rain Gauge, by _____

Diameter ...					8						
Height											
Altitude ...					1180						1120
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...						9.47	9.61			2.59	9.40
February ...						8.73				3.76	5.01
March						1.52				.79	4.09
April.....						5.22				.87	5.08
May						7.00				5.52	8.14
June						0.00				2.67	2.11
July						6.44				2.75	4.00
August					9.03	6.38				4.93	6.05
September...						7.32	5.77			.76	5.91
October.....						10.07	8.56			10.01	7.36
November...						7.09	5.90			19.86	10.65
December...						11.23	9.03			13.44	5.93
TOTALS...					-	74.02		NR	NR	67.95	68.73

on moorland.

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
			Princetown	2 3m	NW	Princetown	2 3m	NW

RAINFALL at Dartmoor (Strane Valley)

County of South Devonshire

Observer E. Rawlands, Esq., C.E.

River Basin Dart - 4

Type of Gauge Geodimeter B.A. (1931)

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

Ref.

840383/28.

Diameter	8.	5									
Height	0.7										
Altitude	1120. 1180										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.91	10.12	6.11	9.28	2.41	11.28	14.75	12.13	11.99	4.60	
February	2.92	0.06	5.17	5.51	8.56	8.51	14.56	3.13	5.15	7.49	
March	2.58	3.85	7.30	5.71	1.96	5.82	9.38	1.23	2.93	5.74	
April	5.31	4.24	3.53	5.06	8.32	5.07	6.23	3.39	4.92	4.24	
May	3.92	5.39	4.30	3.22	3.94	1.42	4.33	5.72	1.47	2.13	
June	5.67	2.42	3.52	2.63	6.70	3.30	1.72	3.38	5.54	1.13	
July	6.16	6.75	4.91	2.59	1.62	11.75	4.18	6.04	13.13	5.34	
August	5.22	2.72	3.72	5.78	3.81	1.91	1.28	9.03	6.49	.57	
September	2.84	6.38	2.37	6.10	7.09	5.31	4.26	3.01	7.3	3.39	
October	1.67	12.14	6.69	7.80	6.87	2.88	4.93	9.23	8.45	7.45	
November	11.93	3.39	2.17	3.51	10.59	7.02	4.89	12.33	15.18	13.33	
December	3.53	6.68	3.07	22.40	9.97	8.29	7.73	9.38	5.57	7.62	
TOTALS	58.56	64.04	52.86	74.59	71.84	72.56	78.24	75.00	81.55	62.93	
	D.P.W.	D.P.W.	D.P.W.	D.P.W.	D.P.W.	D.P.W.	D.P.W.	D.P.W.	D.P.W.	D.P.W.	

Site : Moorland.

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Station No. 1703

41

RAINFALL at Dartmoor (Strat Valley)

County of South Devonshire Observer E. R. P. G. L. D. S. C. E.
 River Basin Dart - 4 Water Engineer, Paignton 1949-
 Type of Gauge B.A.M.O.

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

File No. 840383/28

Diameter	5"				363	579				
Height	0' 7"			1' 7"						
Altitude	1180'									
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 Means
January	7.35	8.85	13.44		3.28	8.33	7.66	14.57	2.91	3.16
February	9.08	1.22	4.31		6.00	7.47	(3.50)	3.53	3.30	10.23
March	7.78	6.56	2.18		2.89	5.29	13.35	3.80	3.08	5.00
April	1.42	4.77	2.11		2.25	3.61	6.16	3.77	3.72	4.59
May	3.98	10.27	6.78		5.32	7.55	14.49	3.71	4.29	3.47
June	3.48	8.82	3.03		7.13	6.24	4.79	3.85	1.04	2.28
July	2.46	5.04	5.83		21.21	3.49	14.42	3.53	4.06	6.66
August	8.96	7.17	5.65		3.61	7.60	1.16	5.66	2.89	9.51
September	7.73	5.75	6.81		5.30	11.92	3.43	4.97	6.86	9.11
October	3.88	6.07	6.94		7.57	4.73	2.94	8.54	12.06	2.79
November	5.02	1.67	4.95		1.32	14.06	6.83	4.82	8.71	9.67
December	6.31	11.38	5.90		9.85	10.67	6.24	12.15	4.21	6.89
TOTALS	60.45	69.57	67.93	NR	58.73	90.96	65.07	12.40	57.11	73.86

1941. Moorland.

20004 *

Total originally corrected
to agree with computer -
but subsequently
restored & the total
amended (see. etas).

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
1941			Princetown	2 miles	N.W.	Princetown	2 miles N.W.

Station No. 1703

RAINFALL at Dartmoor (Strane Valley)

51

County of S. Devon

Observer E. Rowlands Esq. C.E.,
Water Engineer, Paignton U.D.C.

River Basin Dart - 4

Type of Gauge M. O.

Annual Average 75.87 in. based on 6 years obs. un-weighted. Period of average 1916-1950 Ref. PB 770

(1958-66)

File No. 8403.83/2.8

Diameter ...	5"				363	579				
Height ...	1' 7"						1			
Altitude ...	1180*						51			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January	7.42	7.32	1.99	3.47	7.79	7.50	9.96		12.56	8.80
February	4.93	1.61	3.20	7.41	5.30	4.41	10.86		.50	10.66
March	8.20	7.68	1.69	6.47	2.74	4.01	8.83		8.63	5.14
April	3.91	6.09	4.95	1.36	3.51	1.50	.45		7.28	6.45
May	4.17	4.03	6.33	7.50	8.62	1.57	4.57		2.14	3.72
June	1.93	3.04	6.49	7.43	4.54	3.85	2.75		2.17	3.21
July	2.50	2.34	7.18	6.82	2.00	6.53	7.19		2.83	7.86
August	9.77	8.18	4.66	5.97	.40	4.85	6.54		3.18	5.81
September	7.64	6.09	5.91	9.23	3.52	14.09	7.75		.41	11.10
October	2.27	8.45	6.26	7.89	4.07	2.78	6.29		9.08	15.00
November	1.96	6.97	4.97	13.14	7.74	3.62	4.03		13.88	12.57
December	4.45	6.78	1.68	7.37	11.44	11.19	7.42		16.62	7.38
TOTALS ...	1545	68.58	55.31	84.06	61.67	61.90	76.64		78.28	97.70
	D	D	D	D	D	D	D		D	D

* Dec. 1957: 1180' confirmed by Observer.

On av. 71.29 ins. Based on 26 yrs. obs. with 1925-57. 4 ins low. Period of av. 1916-50 Ref. S. - Rejected

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SK161720

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Princetown	2 m. N.W.	Princetown	2 m. N.W.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			Cimp 1924, 25, 29, 30 - 25, 29, 30	✓ n.p. 31-36 ✓ last - 31, 32	41-43, 45-50 ✓	