

RAINFALL AT Dartmoor Lower Head Princetown N^o 4

Lat.

Lon.

County of S Devon

Rain Gauge, by

Observer

H. Francisley C.E.

Dart - 44

F. W. Lillieby C.E.

Diameter ..				8								
Height				1	0							
Altitude ..				1580								
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..												
February ..								(3.00)	6.25	3.45		
March				21.95	19.80	(18.35)	15.70	4.50	3.95	.90		
April					19.10	(3.75)		4.30	6.10	7.80		
May				6.20	19.80			6.90	3.80	5.20		
June							16.30	7.50	4.35	2.60		
July						12.25		3.20	8.60	4.30		
August				15.30	12.50			4.00	6.70	3.70		
September ..				(5.50)	(10.00)	(2.60)	1.90	1.60	3.40	2.90		
October				(13.35)	(2.50)		10.40	10.50	2.80	13.00		
November ..				.15	11.10	14.70	5.10	6.40	4.00	2.80		
December ..				13.60		(12.70)	5.48	6.25	6.45	8.80		
TOTALS ..			† 58.50	76.25	63.20	44.05	54.88	(65.65)	58.20	58.25		

* Roughly ascertained by Linné Valley (Dartmoor 1572)

1904 The Rainfall of the first two quarters probably exceeded the capacity of the gauge

1906 Princetown Church

+ 1902 read from Plymouth temp. 2.23

1907 Jan. g. frozen, amount estimated

N.B. Annual values repeated from Survey Map. 1929.

+ Inspected 23.11.03. Site flat - upper pt. of valley. Steep slope down to N. general 'saucer' all round. Good site

RAINFALL at Dartmoor Cornice HeadCounty of South DevonObserver F. W. Lillierap Esq. C.E.River Basin Dart 47 Horwath Esq. C.E.

Rain Gauge, by _____

M

Diameter ...	8										
Height	10										
Altitude ...	1580 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January	7.10	2.80	7.10	11.40	3.70	5.40	4.65	2.45	8.25	9.50	62.35
February	8.50	4.90	8.30	5.00	10.60	12.70	7.80	2.00	5.60	6.40	71.80
March	1.70	4.00	11.00	10.20	10.80	2.00	24.50 4.20	4.40	3.10	9.20	60.90
April	4.70	4.10	.50	12.10	3.15	3.00	2.90	2.60	2.80	3.90	39.75
May	4.20	2.00	2.95	5.40	3.60	4.00	2.55	4.20	2.10	2.00	33.10
June	1.90	4.20	9.30	2.40	2.30	3.00	4.00	4.60	2.80	1.60	36.20
July	6.20	1.10	4.50	.65	8.15	9.50	2.40	4.25	6.20	2.20	45.25
August	8.50	5.20	13.80	2.55	5.50	4.00	8.00	13.80	4.50	5.50	71.65
September	1.40	3.00	3.10	5.80	4.50	2.40	4.65	4.30	11.50	4.70	45.35
October	9.40	6.85	8.10	6.00	5.20	6.00	11.70	10.50	5.10	2.75	71.60
November	7.20	8.30	5.10	9.20	8.10	4.35	10.50	4.20	6.75	5.55	69.35
December	13.40	14.40	12.25	4.60	13.80	13.80	4.80	1.90	12.00	11.90	102.85
TOTALS	74.30	60.95	86.00	75.70	79.40	70.15	68.45	59.30	70.70	65.20	710.15

1916 Feb. and March adjusted by refer to nearby station.

+ Inspected

N.B. annual values rejected from Survey Map 1929

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

RAINFALL at *Dartmoor (Coombe Head) No. 4.*County of *South Devon.*Observer *J. H. H. Exp. C.E.*River Basin *4**Penryn & W. S.**St. Combe* Rain Gauge, by *Canal**11/11/19*

Diameter ...	<i>8</i>										
Height	<i>1.0</i>										
Altitude ...	<i>1580</i>										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<i>1930</i> MEANS.
January ...	<i>10.60</i>	<i>7.80</i>	<i>7.00</i>	<i>4.60</i>	<i>8.30</i>	<i>8.50</i>	<i>9.30</i>	<i>8.70</i>	<i>10.30</i>	<i>4.00</i>	<i>11.00</i>
February ...	<i>1.95</i>	<i>.60</i>	<i>6.90</i>	<i>13.00</i>	<i>2.70</i>	<i>7.80</i>	<i>5.30</i>	<i>6.30</i>	<i>5.20</i>	<i>1.90</i>	<i>2.60</i>
March	<i>7.15</i>	<i>6.00</i>	<i>5.60</i>	<i>3.03</i>	<i>3.00</i>	<i>2.70</i>	<i>1.60</i>	<i>7.50</i>	<i>8.70</i>	<i>1.30</i>	<i>4.00</i>
April	<i>7.90</i>	<i>1.40</i>	<i>5.90</i>	<i>7.40</i>	<i>6.20</i>	<i>4.70</i>	<i>3.70</i>	<i>3.70</i>	<i>3.80</i>	<i>1.35</i>	<i>5.00</i>
May	<i>3.90</i>	<i>3.90</i>	<i>2.20</i>	<i>3.90</i>	<i>6.40</i>	<i>7.50</i>	<i>3.50</i>	<i>2.00</i>	<i>2.00</i>	<i>6.40</i>	<i>2.90</i>
June	<i>5.15</i>	<i>.25</i>	<i>2.10</i>	<i>1.15</i>	<i>4.55</i>	<i>.00</i>	<i>4.40</i>	<i>4.80</i>	<i>4.85</i>	<i>3.50</i>	<i>2.30</i>
July	<i>8.70</i>	<i>3.40</i>	<i>7.50</i>	<i>2.75</i>	<i>6.50</i>	<i>6.55</i>	<i>3.50</i>	<i>8.80</i>	<i>4.20</i>	<i>3.40</i>	<i>5.00</i>
August	<i>2.95</i>	<i>4.20</i>	<i>5.70</i>	<i>5.45</i>	<i>8.50</i>	<i>6.40</i>	<i>4.00</i>	<i>6.80</i>	<i>3.70</i>	<i>6.15</i>	<i>7.90</i>
September...	<i>4.35</i>	<i>2.00</i>	<i>4.55</i>	<i>5.70</i>	<i>8.10</i>	<i>6.05</i>	<i>2.80</i>	<i>9.00</i>	<i>2.30</i>	<i>1.40</i>	<i>8.80</i>
October.....	<i>7.40</i>	<i>2.00</i>	<i>2.75</i>	<i>11.20</i>	<i>9.90</i>	<i>10.60</i>	<i>3.90</i>	<i>5.80</i>	<i>9.00</i>	<i>10.20</i>	<i>9.70</i>
November...	<i>4.10</i>	<i>5.40</i>	<i>4.00</i>	<i>4.90</i>	<i>6.00</i>	<i>4.20</i>	<i>12.10</i>	<i>6.80</i>	<i>9.10</i>	<i>14.00</i>	<i>9.80</i>
December...	<i>2.00</i>	<i>3.85</i>	<i>9.70</i>	<i>7.20</i>	<i>9.90</i>	<i>7.50</i>	<i>1.55</i>	<i>7.50</i>	<i>6.90</i>	<i>12.80</i>	<i>6.40</i>
TOTALS...	<i>70.15</i>	<i>40.80</i>	<i>63.90</i>	<i>70.28</i>	<i>80.05</i>	<i>72.50</i>	<i>55.65</i>	<i>77.70</i>	<i>70.15</i>	<i>66.40</i>	<i>75.40</i>
						<i>M</i>	<i>M</i>		<i>✓</i>	<i>M</i>	<i>M</i>

1922. Including Dec 31, 1921.

Site: In open raised enclosure 10 ft square. ground rises S. W. & SE.
 Faces on N to valley 50 ft below 200 yds away, rises again after rise
 Good pile (M. N. Salter 1926)

*N.B. annual values rejected from Survey Sept. 1929.*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
			<i>Platelown.</i>					

RAINFALL at Dartmoor (Gossis Head) No. 4.County of South DevonshireObserver F. H. South, Esq. S.E.*River Basin Dart - 4.

Type of Gauge

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

660603/26.

Diameter	8.										
Height	1.0.										
Altitude	1580.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.50										
February	4.90										
March	2.10										
April	5.30										
May	4.00										
June	6.10										
July	7.65										
August	7.60										
September	4.40										
October	1.70										
November	13.80										
December	4.00										
TOTALS	68.05 #										

* Gauge over exposed on moor (B.R.)

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

RAINFALL at ^{Dartmoor} (Cousic Head) ¹⁸⁹⁹⁻¹⁹²⁶

County of 3. DevonObserver H. Howarth G.E.River Basin 4. DartA. Atkinson Esq C.E.Type of Gauge NO.

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

660608/26.

Diameter	5"											
Height	1' 0"											
Altitude	1580'			1465								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	10.00	14.55	6.10	8.95	4.05	11.00	14.55	13.85	12.35	14.30		
February	8.10	.00	7.05	4.5	10.15	6.10	15.50	3.60	5.25	7.10		
March	2.40	4.90	7.30	4.95	1.85	6.25	8.10	1.35	3.40	6.00		
April	6.10	6.45	4.05	6.20	9.60	3.85	6.40	.35	5.35	5.09		
May	4.50	7.15	3.05	3.30	4.10	.95	4.10	5.30	1.40	2.25		
June	7.00	5.25	3.10	3.40	8.50	4.75	2.60	2.55	6.10	1.20		
July	8.75	6.45	5.75	1.60	1.75	15.60	5.45	6.45	14.20	6.03		
August	8.90	2.90	4.70	7.75	4.80	1.65	1.60	9.60	5.60	.75		
September	4.90	10.25	2.60	7.05	9.55	5.30	5.05	3.80	1.10	3.88		
October	2.05	16.05	8.75	9.05	11.45	4.95	5.20	11.65	6.50	7.25		
November	16.50	6.20	2.35	3.45	11.50	7.70	4.45	14.05	18.50	13.46		
December	6.10	6.55	2.75	23.25	8.30	12.65	6.65	9.22	7.05	7.70		
TOTALS	85.30	86.70	57.55	79.40	85.60	80.75	80.15	82.77	86.80	65.01	79.003	

1935 * Jan. Rain for 30 days.

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.E. 17471RAINFALL at Dartmoor (Carric Head)

41

County of S. DevonObserver A. Atkinson Esq C.E.River Basin Dart - 4N.C. Elliott Esq. C.E. (1945)Type of Gauge M.O.Annual Average in. based on years obs. un-weighted. Period of average Ref.File No. 660608/26

Diameter	5"					363	415				
Height	1'0"										
Altitude	1465										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	6.50	10.90	12.49	9.39	6.35	10.99	(8.20)	15.30	4.75		
February	8.05	1.03	5.15	3.10	8.31	7.70	(8.50)	3.64	3.95		
March	6.80	7.05	2.26	4.8	4.17	4.03	15.40	4.67	#		
April	2.15	3.75	2.37	4.30	2.46	3.44	6.50	4.34			
May	4.85	10.40	8.41	1.37	5.77	5.93	4.20	5.30			
June	3.60	1.05	3.78	6.75	7.84	7.71	5.47	6.10			
July	3.12	6.10	6.09	6.85	(5.40)	3.80	4.95	4.50			
August	9.25	7.10	(8.35)	5.25	3.91	8.23	90	6.69			
September	66	6.70	6.55	5.92	5.68	12.75	4.05	6.64			
October	4.57	6.66	7.14	10.54	8.38	3.35	2.85	7.78			
November	5.13	1.52	5.57	16.48	1.24	17.55	4.76	4.49			
December	7.10	15.08	5.74	7.54	10.45	8.70	6.80	12.75			
TOTALS	61.78	77.34	73.90	77.97	69.96	94.18	69.54	80.20			
	M	M	M	M	M	M	M	M			

1941. Jan. part estd. 00234

00404

60004

1943 Aug. estd. by A.O. leaving.

1945 July estd. by A.O.

1949 Abandoned as in new part of firm's range. Last return Feb 1949.

1910 - 19 1920 - 30 1931 - 40 1941 - 50

✓ ✓ ✓ 41 - 45

✓ - - -

Position of Station on reduced Ordnance Survey Map, } No. of Map.....

1 mile to 1 inch Series

Reference No. 20-59-736

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

BRITISH RAINFALL ORGANIZATION