

## RAINFALL AT Dartmoor Beardown Tor Princeton No 3

Lat. ....

Lon. ....

County of S. Devon

Rain Gauge, b.g.

Observer H. Farmer Esq. C.E.

T. W. Tilling Esq. C.E.

Dart - 4.

Diameter ..				8							
Height ..				1 0							
Altitude ..				1550							
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..								(2.50)	4.10	2.30	
February ..					15.50		15.00	3.20	2.60	.60	
March ..			14.90		14.40			1.35	4.30	6.20	
April ..								5.90	3.08	3.10	
May ..			5.30	13.40				5.99	2.80	2.20	
June ..							13.22	3.75	1.53	2.80	
July ..					10.40			2.10	3.63	4.00	
August ..			12.00	9.90				2.70	4.60	2.60	
September ..							1.65	1.38	2.60	2.00	
October ..			17.10				7.43	9.20	2.30	9.10	
November ..			.10	8.20	13.20	4.27	4.50	2.30	2.00		
December ..			11.10				4.20	4.10	4.30	6.10	
TOTALS ..			46.80	60.50	47.00	38.00	45.77	(46.66)	38.14	43.00	

\* + 1902 annual total read from  
Plymouth Corp. 2.23.

1906 Princeton Church

1907 Jan. g. frozen, amount estimated.

N.B. Annual values rejected from Survey Map, 1929.+ Inspected 23.III.03 H.R.M. height at summit of col. nearer the N. side  
great rock of wind.

## RAINFALL at Darkmoor Beacons Tor

County of South Devon

Observer F W Lillee Esq C.E.

River Basin Dart 4

7 Howarth Esq C.E.

Rain Gauge, by

M

Diameter ...	8										
Height .....	1 0										
Altitude ...	1550 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ....	4.90	1.90	5.60	8.20	2.40	4.40	3.75	1.50	5.80	6.70	45.15
February ....	6.30	2.90	5.80	1.80	6.50	8.30	6.60	1.60	3.70	5.60	49.10
March .....	1.30	3.40	7.80	5.60	7.70	1.15	3.80	3.10	2.20	6.30	42.55
April .....	3.70	3.40	.60	6.80	2.40	1.85	1.80	1.60	2.40	3.00	27.45
May .....	3.80	1.60	2.15	4.50	2.30	3.95	1.90	4.00	1.60	1.35	27.15
June .....	1.40	3.20	7.20	1.40	2.20	2.70	2.85	4.50	2.00	.90	28.35
July .....	4.20	.65	3.30	.60	7.45	6.90	1.40	3.35	4.30	1.60	33.75
August .....	7.10	3.50	13.00	2.50	4.80	2.30	6.60	10.65	3.10	4.40	57.95
September ..	1.10	2.80	1.80	5.20	3.40	1.80	4.60	3.00	9.40	3.10	36.20
October ...	8.80	5.40	6.00	5.10	4.70	5.40	8.30	7.60	3.10	2.60	57.00
November ..	6.40	6.40	3.50	6.50	6.10	3.40	7.40	3.10	4.60	4.40	50.80
December ...	11.00	12.85	7.40	3.20	10.90	13.15	3.50	2.00	7.40	8.20	79.60
TOTALS ...	60.00	48.00	64.05	51.40	59.85	55.30	52.50	46.00	49.60	48.35	535.05

1916 Feb month adjusted by reference to nearby stations.

+ Inspected

N.B. annual values rejected from Survey Map 1929

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

1710.  
20

RAINFALL at Dartmoor (Beardown Lot.) No. 3.

County of South Devon.

Observer F. Howard Eng. C.E.

### River Basin

4

P<sub>e</sub> = 1810.

*Rain Gauge, by*

don't

Diameter ...	8										
Height .....	1.0										
Altitude ...	1530	X									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	7.00	5.10	6.30	3.70	7.10	6.70	7.00	6.95	7.70	2.90	8.30
February ...	1.10	~40	5.10	11.10	2.45	5.80	4.20	4.60	4.35	1.70	2.50
March .....	4.80	3.80	4.10	2.95	2.40	1.10	1.00	6.20	7.30	.85	3.80
April .....	6.40	1.10	5.00	5.50	4.80	3.80	2.10	2.50	2.90	1.61	4.70
May .....	2.60	2.70	1.40	3.50	5.30	5.80	3.10	1.15	1.75	4.70	3.40
June .....	2.20	.50	1.50	.60	3.80	.00	3.90	3.90	3.75	2.80	1.60
July .....	6.40	2.40	6.10	1.80	5.40	14.60	2.30	8.00	2.85	2.50	4.00
August .....	1.80	2.70	5.00	3.50	6.90	4.30	2.60	6.15	3.35	4.60	6.60
September...	3.70	1.50	3.90	4.70	6.40	5.40	1.70	7.60	1.80	1.20	7.20
October.....	6.20	1.60	2.00	8.80	8.50	8.20	3.40	4.35	8.20	8.50	7.80
November...	3.10	4.80	3.70	3.40	4.40	3.50	10.20	5.50	6.80	16.40	9.00
December...	5.70	3.20	8.30	5.50	7.10	6.40	1.20	7.30	5.60	9.80	5.20
TOTALS...	51.00	29.80	52.40	55.05	64.55	55.70	42.70	64.20	56.35	57.56	64.10 M

1922. Including Dec. 31<sup>st</sup> 1921.

1923 S. overspread on moon. 1 ft 6 in above ground no shelter

A. B. annual values projected from Survey Map, 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>Princetown</i>					

## RAINFALL at Dartmoor (Beardown Tor) No. 3

County of South Devonshire

Observer F. H. G. H. \*  
Haworth, Esq., C.B.

River Basin Dart - 4

A. Atkinson Esq., C.E.

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.  
660608/26.

Diameter	8				5						
Height	1.0				1.0						
Altitude	1550				1550						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.50				2.35	7.45	4.35	7.75	6.90	3.33	
February	3.90				4.80	5.15	8.59	2.00	3.10	6.45	
March	2.90				1.10	5.50	6.70	.55	1.95	3.84	
April	4.50				6.75	2.55	3.95	.20	4.15	4.25	
May	4.00				3.60	1.09	3.22	4.00	1.16	2.21	
June	5.10				6.40	4.30	2.00	2.30	4.50	1.05	
July	6.10				1.35	11.85	3.55	4.65	9.25	3.40	
August	5.80				14.40	.40	1.65	6.50	4.30	.20	
September	3.70				6.30	3.65	4.00	2.30	.60	2.14	
October	1.30				6.45	3.10	4.75	5.70	6.40	5.14	
November	10.50				8.40	4.00	4.40	12.50	9.10	10.00	
December	3.00				6.20	6.10	4.15	3.80	3.45	5.15	
TOTALS	56.80	# N.R.	N.R.	N.R.	55.10	55.14	55.31	52.25	54.86	46.16	
		np low	n.p.	np low							

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

1935 5" octagonal g. set up 14/III; Beardown Tor  $\frac{1}{4}$  miles S.

1936 Change of site to 1935; in hollow of Beardown Tor, now unoccupied 6/IV

1937 not printed, too low.

1938 not printed, low

1939 n.p. low

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
1935			Ponsonetton	2 3/4 m	S	Ponsonetton	2 1/2 m	SSW

## RAINFALL at Dartmoor (Beardown Tor) No. 3 (check gauge)

County of South Devonshire

Observer A. Atkinson Esq. C.E.

River Basin Dart - H

Type of Gauge.....

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

660608/26

Diameter .....											
Height .....											
Altitude .....										1582	
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....											
February .....											
March .....											
April .....											
May .....											
June .....											
July .....											
August .....											
September .....											
October .....											
November .....											
December .....											
TOTALS .....				(88.0)	(85.5)	(85.5)	79.18	87.11	73.45		
							uplate	uplate			

Back years 1938-39 received 30.10.40. W.H.

Estimates for 1935-37 supplied to Plymouth W.W. (ref 660608/26) on termination  
of old gauge (No 1710). W.H.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 from gauge	Parish Church.	Distance from gauge

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

Station No. 1710/1

## RAINFALL at Dartmoor (Beaconsford Tors) No. 3 (check page) 41

County of South Devonshire Observer G. A. C. Elliott Esq., C.E.

River Basin Dart - 4 N. G. Elliott Esq. C.E. (1945)

Type of Gauge.

Annual Average 76.6 in. based on 6 years obs. yh-weighted. Period of average 1941-1945. Ref. P.R. 482

Catch of this station for this decade averages 2 in. more than 1708/1 File No. 660608/26

Diameter	5"	for 1941-1945. Read 1946.						Read after 3 years				
Height	1' 0"											
Altitude	1582'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	8.75	9.93	13.97	9.54	6.76	11.56	(8.20)	16.87	3.91	4.32		
February	11.85	(1.24)	5.14	2.58	8.71	7.10	(4.00)	3.18	4.22	10.86		
March	8.75	7.95	2.54	5.58	4.40	5.17	18.60	5.03	3.08	6.48		
April	2.10	4.40	2.58	4.54	2.92	3.35	7.00	3.82	5.53	4.67		
May	4.56	12.50	8.73	1.35	5.33	6.93	4.70	4.55	5.17	3.41		
June	3.70	9.6	3.47	6.83	7.87	7.45	5.45	5.29	.76	2.70		
July	3.00	4.80	6.04	6.46	(5.30)	3.70	4.60	4.05	4.07	9.30		
August	8.84	7.15	8.02	5.72	3.80	8.35	1.03	7.09	3.66	11.51		
September	.68	6.24	6.46	6.11	6.09	14.85	4.05	6.25	6.55	11.87		
October	4.05	6.60	8.00	11.52	8.33	5.19	2.70	8.75	13.80	2.90		
November	6.45	1.38	5.17	16.54	1.27	19.70	8.01	14.48	8.77	13.27		
December	7.15	16.43	6.17	7.92	12.65	8.75	6.90	14.02	4.66	8.64		
TOTALS	69.88	79.63	76.29	79.69	73.43	102.10	45.84	83.38	64.78	89.93		

1942. Feb. cal'd for 1941.

1943. July 1943 by engineers 00404 60004

1944. Gauge ~~broken~~ around 8.4 pm on 21st part in (set up 1<sup>st</sup> Dec 1948). Old gauge to be abandoned during 1949.  
Area now artillery range.  
See 1710/2.

1950. Sept. &amp; Oct. apportioned.

20004

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

Reference No. 20-603715

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

Station No. 1710/2

RAINFALL at Dartmoor (Bovey Tracey H.m.)

41

County of S. Devon

Observer N.C. Elliott, Esq. C.E.

River Basin L - Dart

Type of Gauge.....

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

File No. 660608/26.

Diameter				363	407					5"
Height										1' 0"
Altitude										1560'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 Means
January										3.88
February										9.47
March										5.04
April										4.90
May										2.90
June										2.75
July										7.43
August										9.75
September										10.85
October										3.09
November										16.14
December									433	11.19
TOTALS									N.P. inc	87.39 M

C. Dec 1949

1950. Sept. &amp; Oct. postponed.

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 from gauge	Parish Church.	Distance from gauge

RAINFALL at Wastmoor (Beardown Tor)Station No. 14101County of .....  
River Basin.....Observer N. G. Elliott, M.A., C.E.

51

Type of Gauge.....

Annual Average 76.6 in. based on 6 years obs. wh-weighted. Period of average 1881-1915 Ref. PB+82File No. 66068/26

Diameter ...	5'			363	431						
Height ...	1' 0"					1					
Altitude ...	1582'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	11.20	9.61	Cards								
February ...	9.20										
March ...	8.94										
April ...	4.14										
May ...	3.95										
June ...	3.10										
July ...	3.13										
August ...	12.79										
September ...	8.23										
October ...	2.72										
November ...	14.62										
December ...	9.43										
TOTALS ...	91.50										
	M	F									

1951 max. + apr. off by m o z b

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 20-602775

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

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
				1935	—	—
				A 25-37	—	—

Station No. 1710/2

T.F. 9.51

## RAINFALL at Dartmoor (Beardown Hill)

County of S. Devon

Observer N. G. Elliott Esq. C.E.

River Basin Dart - 4

Type of Gauge Octagonal

Annual Average in. based on years obs. un-weighted. Period of average  
 90.83 8 1950-57 1916-59  
 File No. 660605/26

Diameter ...	5"				363	407					
Height ...	1' 0"					1				11"	
Altitude ...	1560'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	(11.00)	10.00	2.55	4.50	9.80	10.55	13.60	12.60	(5.45)	8.04	
February	10.79	2.35	4.47	9.30	7.50	6.62	12.14	11.24	10.3	10.90	
March	10.68	8.70	2.56	8.33	3.60	4.66	11.05	3.40	10.25	5.55	
April	5.44	7.10	5.36	1.51	4.16	1.90	.57	2.30	7.78	6.95	
May	3.85	4.00	7.40	10.05	8.85	1.95	5.67	8.53	2.23	3.23	
June	3.60	3.62	5.89	7.16	5.19	5.01	2.70	5.88	2.75	4.48	
July	3.68	2.92	8.85	9.00	2.32	7.83	10.50	7.13	3.95	7.97	
August	14.17	10.10	6.39	7.38	.85	8.22	8.63	11.15	3.50	6.50	
September	8.41	6.83	8.85	10.35	4.95	13.13	11.40	11.42	.76	10.50	
October	3.68	11.05	6.40	11.07	5.01	5.05	7.86	9.82	8.21	14.83	
November	14.46	8.40	6.95	16.90	8.90	5.05	4.28	8.40	16.63	15.20	
December	10.23	10.41	2.40	9.40	14.85	10.91	8.50	7.92	17.74	9.66	
TOTALS ...	99.39	85.48	67.67	104.95	75.98	74.88	97.22	99.79	90.28	103.81	
	M	M	M	M	M			M	M	M	

1951 Jan-est. max + apr. ably by most  
 July 1959 180K. g. surrounded by cornish bush 20' square & 11-2' high. Probable - value inc.  
 40004 40004

Position of Station on Ordnance One-Inch map:

No. of Map 187

National Grid Reference SX 60571767

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	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
				Cimp 1949	