

RAINFALL AT *Darmon Beardown Tor, Puncton No 3*

Lat.

Lon.

 County of *S. Devon*

Rain Gauge, by

 Observer, *H. Francis Esq. C.E.*
T. W. Lillings 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	5.10	
TOTALS ..				46.80	60.50	47.00	38.00	45.77	(46.66)	38.14	43.00

*

+ 1902 annual total used from Plymouth Cooper 2.23.

 1906 *Puncton Church*

1907 Jan. 9. frozen, amount estimated.

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

+ Inspected 23. III. 03 H.R.M. Not quite on summit of col. nearer the W. side near neck of wind.

RAINFALL at Darlington Beadon TorCounty of South DevonObserver F. W. Lillier Esq. C.E.River Basin Dart 47 Howard Esq. C.E.

Rain Gauge, by _____

No.

Diameter ...	8										
Height	10										
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	8.60	49.10
March	1.30	3.40	7.80	5.60	7.70	1.15	3.80	3.10	2.20	6.50	42.55
April	3.70	3.40	.50	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	5.10	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 & March adjusted by refce to nearby stns

+ Inspected

N.B. annual values rejected from Survey Map 1929

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

RAINFALL at *Dartmoor (Beardown St.) No. 3.*County of *South Devon.*Observer *T. Howarth, Esq., C.E.*River Basin *4*Remarks *W.*

Rain Gauge, by _____

Monthly

Diameter ...	8										
Height	1.0										
Altitude ...	1550	λ									
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	4.0	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	1.20	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	11.60	2.30	8.00	2.85	2.50	4.00
August	1.80	2.70	5.00	2.50	6.90	4.30	2.60	6.15	3.85	4.60	6.60
September...	5.70	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	11.40	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	57.86	64.10 M

1922. Including Dec. 31st 1921.

1923 3. overtopped on moon. 1 ft 6 in above ground no shelter.

N.B. Annual values selected 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>Strickland</i>					

RAINFALL at Dartmoor (Beardown Tor) No. 3.

County of South Devonshire

Observer F. Howarth, Esq., C.E. *

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	g.				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	2.40	
August	5.80				14.40	.40	.65	6.50	4.30	.20	
September	3.70				6.20	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	5630	#N.R.	N.R.	N.R.	55.10 no low	55.14 no low	55.31 no low	52.25 no	54.86 no	46.16 no low	

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

1935 5th octopet z. at age 14/III; Beadon Dr 1/4 mile S.

1936 *Chamaelirium luteum* (L.) N.E. ex Howard of Beaver Lake, was measured 6/19

1937 not printed (see above).

1938 not printed, low

1939 n.p. low

1937 N.P. 87

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	Parish Church.	Distance from gauge	Direction
1935			Parsitown	2 3/4 m	S	Parsitown	2 1/2 m	SSW

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

RAINFALL at Dartmoor (Bearddown Tor) No 3 (check gauge)

County of South Devonshire Observer A. Atkinson Esq. C.E.

River Basin Dart - 4

Type of Gauge

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

660608/26

Diameter											
Height											
Altitude								1562			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January							*	9.30	11.40	6.88	
February								3.80	6.15	10.20	
March								1.65	3.10	6.45	
April35	5.75	5.15	
May								6.00	1.46	2.60	
June								4.00	6.20	1.23	
July								7.10	13.65	4.11	
August								9.05	5.30	.50	
September								3.53	1.50	3.80	
October								11.65	7.20	8.68	
November								15.25	18.60	16.10	
December								7.50	6.80	7.75	
TOTALS					(88.0)	(85.5)	(85.5)	79.18 plate	87.11 plate	73.45	

Back years 1938-39 received 30.10.40. WH.

Estimates for 1935-37 supplied to Plymouth W.W. (ref 660608/26) on termination of old gauge (No 1710). WH.

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.

Station No. 1710/1

RAINFALL at Dartmoor (Bearddown Top) NE 2 (Chapman) 41

County of South Devonshire Observer A. R. Chapman 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. un-weighted. Period of average 1881-1915 Ref. PA 482

Catch of this station for the decade averages 2 in. more than 1708/1 File No. 600608/26

Diameter	5"	For 1941-1947. not 1948.		Avg 2nd gauge							
Height	1' 0"					363	431				
Altitude	1582'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	8.75	9.98	13.97	9.54	6.76	11.56	(8.20)	6.27	3.91	4.32	
February	11.85	(1.24)	5.14	2.58	8.71	7.10	(4.00)	3.78	4.22	10.86	
March	8.75	7.95	2.54	.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	.96	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	6.05	6.55	11.87	
October	4.05	6.60	8.00	11.52	8.33	5.19	2.70	8.70	13.80	2.90	
November	6.45	1.38	5.17	16.54	1.27	19.70	8.01	4.48	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	75.84	83.38	64.78	81.93	
		M	M	M	M	M	M	M	M	M	

1942. Feb. est'd for gauge.

1943 July est'd by engineers

00404

60004

1949. Gauge ~~to be~~ moved S. of present position (set up 1 Dec 1948). Old gauge to be abandoned during 1949.
Area now artillery range.

See 1710/2.

1950. Sept. 2 Oct. apportioned.

20004

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

No. of Map

Reference No. 20-603715

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. 1710/2

RAINFALL at DARTMOUTH (BROADWAY HILL)

41

County of 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. 66068/26

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									4.33	11.19	
TOTALS									12.1	87.39	M

C. Dec 1949

1950. Sept. & Oct. appended.

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. 1410/1

RAINFALL at Wastmoor (Beardown Tor)

51

County of

Observer H. G. Elliott, Eng. C.E.

River Basin

Type of Gauge

Annual Average 766 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref PB+82

File No. 660608/26

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	961 card									
February ...	9.20										
March ...	8.94										
April ...	4.14										
May ...	3.95										
June ...	3.15										
July ...	3.13										
August ...	12.79										
September ...	8.23										
October ...	2.72										
November ...	14.62										
December ...	9.43										
TOTALS ...	91.50										
	M										

1951 Mar. + Apr. obs. by M.O.B.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 20 602775

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
			C1935 A 35-37	✓	

Station No. 1710/2RAINFALL at Dartmoor (Beardown Hill)

T.F. 9. 51

County of S. DevonObserver N. G. Elliot Esq. C.E.River Basin Dart - 4Type of Gauge OctahedAnnual Average 90.83 in. based on 8 years obs. un-weighted. Period of average 1916-58 Ref 5File No. 660608/26

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	6.2	12.46	11.24	103	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 ...	3.08	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	9.10	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. Mar + Apr. added by 1903 L
 July 1959 180K. g. surrounded by corral fence 20' square & 14-2' high. Prob def. - void rec.

40004

40004

Position of Station on Ordnance One-Inch map:

No. of Map 187National Grid Reference SK 605767

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
				Camp 1949	