

70

RAINFALL AT *Princeton, Cowie Valley*

Devon

St. Francis Co.

Dart -- 4

[illegible]

1708/1

RAINFALL AT *Corsie Valley, Princetown*

Lat.

Lon.

County of *Devon*

Dart

Rain Gauge, by

Observer

H. Francis, Esq.

Diameter	8										
Height	1.6										
Altitude	<i>440?</i>		<i>1398 ft</i>			<i>1352 ft</i>					
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.80	2.65	7.60	8.65	11.50	6.75	9.35	5.65	4.05	3.80	6.180
February	9.75	8.40	5.70	12.70	7.00	5.35	3.15	1.45	1.40	7.85	6.275
March	5.60	9.15	4.35	2.75	7.15	3.00	8.40	2.70	8.10	6.25	5.745
April	6.10	1.85	9.90	2.35	3.05	6.75	4.50	3.10	4.30	3.90	4.580
May	1.10	3.22	2.70	4.30	3.50	4.70	4.90	2.65	4.05	3.45	3.457
June	2.95	5.75	8.55	7.15	1.85	3.95	1.60	.45	3.95	.65	3.685
July	6.20	4.40	0.80	8.90	6.70	2.45	6.10	4.10	10.05	5.85	6.555
August	1.10	10.50	7.45	4.05	(1.76)	2.50	4.70	2.05	6.15	8.55	4.879
September	9.25	3.60	6.25	11.25	(5.74)	10.90	4.70	7.90	2.40	3.00	6.499
October	8.10	7.00	0.20	9.05	4.05	11.30	11.95	5.50	4.10	9.55	8.090
November	8.95	12.90	2.85	10.35	5.05	9.55	7.45	6.20	13.35	4.50	9.115
December	11.00	9.10	16.40	4.10	13.25	3.85	9.80	7.65	10.35	8.30	9.380
TOTALS ...	71.90	78.52	102.73	85.60	(70.60)	71.05	76.60	49.50	72.25	65.65	(74.440)

72

1884 Aug 25 to Sept. 9 Gauge wilfully damaged and under repair; record completed by the Dartmoor Prison values.

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

RAINFALL AT

Dartmoor
Princetown Looe Valley

1708/1

Lat. _____

Lon. _____

County of _____

Devon

Rain Gauge, by _____

Observer _____

H. Francis Esq C.E.

Dartmoor No. *4*

Diameter	8											
Height	16											
Altitude	1352 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	12.85	7.75	4.85	6.45	10.20	7.15	4.10	4.50	2.65	14.15	7.465	
February	1.80	.70	5.30	13.10	8.30	.20	1.60	8.35	6.10	6.40	5.185	
March	4.65	3.90	2.20	1.15	6.95	6.90	11.35	7.50	2.90	2.05	11.955	
April	5.30	3.95	2.75	.30	5.50	5.60	.70	6.70	3.85	6.90	4.165	
May	2.95	5.10	2.85	4.05	4.85	1.10	.00	3.05	6.00	5.00	3.495	
June	8.25	3.05	3.40	1.80	4.75	2.65	1.60	5.10	4.45	2.15	3.720	
July	10.70	7.55	3.75	8.85	6.20	8.45	3.70	2.85	1.00	2.30	5.535	
August	6.50	14.80	6.90	3.55	6.75	7.25	4.30	8.80	6.10	2.45	6.740	
September....	2.25	6.45	5.95	5.35	3.75	2.00	11.10	7.95	3.10	4.10	5.200	
October	5.10	16.10	8.70	6.20	10.10	6.70	7.90	2.55	11.90	6.90	8.215	
November....	9.50	8.65	6.75	6.05	14.85	16.80	3.20	4.70	5.65	7.65	8.350	
December	2.70	15.10	5.95	10.70	8.45	9.85	13.60	16.40	11.30	5.70	9.975	
TOTALS . . .	72.55	93.10	59.35	67.55	90.65	74.65	63.15	78.45	65.00	65.75	73.020	

* 1 inch added in March (from slip for Snow)

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

1708/1

RAINFALL AT Dartmoor Lowsie Valley

Lat. Lon. County of Devon
 Rain Gauge, by Observer H. Francis Esq. Ch.
 F. W. Lechapt Esq. C.C.

Dart - 4

Diameter ..	8										
Height	16										
Altitude ..	13527										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	11.25	7.70	5.70	8.00	11.45	4.05	13.40	2.80	4.10	4.65	7.310
February ..	9.80	.50	3.10	5.30	10.70	3.90	6.95	4.67	5.08	1.40	5.140
March	2.45	5.30	6.55	13.70	3.00	11.00	4.70	3.35	4.75	5.50	6.030
April	3.50	7.10	2.95	3.40	4.90	4.45	2.25	7.65	3.77	4.50	4.447
May	3.95	2.60	3.20	2.60	5.90	1.50	6.50	5.95	5.82	4.70	4.375
June	7.00	2.80	6.65	2.20	2.10	4.00	1.60	7.03	1.50	3.10	3.798
July	2.25	1.60	4.45	5.95	6.65	1.45	.98	2.87	6.54	6.50	3.924
August	5.10	5.30	5.85	7.95	4.75	7.15	6.31	5.40	6.15	4.20	5.816
September ..	3.55	5.70	2.95	7.20	4.70	3.00	1.70	1.90	4.75	2.90	3.835
October	4.50	5.00	6.20	17.15	4.80	6.10	10.47	8.10	1.80	14.00	7.812
November ..	8.10	2.20	8.30	6.15	4.95	8.30	5.95	6.40	4.35	1.90	5.660
December ..	14.20	14.10	7.90	9.05	7.60	3.30	7.52	9.67	5.90	10.70	8.994
TOTALS ..	75.65	59.90	63.80	88.65	71.50	58.20	68.33	65.82	54.51	64.05	67.061

1906 Princetown Church

M. B.

+ Inspected 23.11.03 N.P.M. on gutter above stream
 N.B. Annual values rejected from Survey Map. 1929.

RAINFALL at Dartmoor Cornish ValleyCounty of South DevonObserver F. W. Lillings Esq. C.E.River Basin Dart 4F. Hewarth Esq. C.E.

Rain Gauge, by _____

wetly

Diameter ...	8												
Height	1	6											
Altitude ...	1352	ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total	
January ...	9.40	4.05	8.40	10.35	4.15	8.00	6.40	2.90	8.40	9.50	71.55	27.20	16-19
February ...	11.20	4.35	7.20	5.15	10.90	13.50	10.40	1.70	6.15	5.50	76.05	23.75	
March	1.75	6.60	12.40	10.60	13.50	2.10	2.80	3.95	1.70	9.60	65.05	18.10	
April	4.40	4.60	1.45	9.45	5.05	3.25	3.60	3.05	2.80	5.25	42.40	14.20	
May	4.50	1.90	2.40	6.35	3.90	3.35	2.45	3.45	1.95	1.15	31.40	9.00	
June	2.70	3.80	5.55	2.95	1.95	3.60	4.45	4.65	2.55	(.70)	32.90	12.35	
July	6.85	.60	6.10	.55	7.05	9.00	2.15	4.00	5.05	2.55	43.90	13.75	
August	5.60	5.80	14.95	2.75	5.70	2.75	7.40	13.05	4.80	5.85	68.65	31.10	
September ..	1.30	2.60	4.85	5.40	4.60	2.25	4.90	5.50	11.95	4.90	48.25	27.25	
October ...	9.20	7.35	7.35	2.95	4.20	5.30	12.25	13.70	5.25	3.00	70.75	34.20	
November ...	9.30	10.40	4.60	13.45	9.55	4.80	9.75	5.40	6.10	6.80	80.15	28.05	
December ...	12.80	18.90	16.00	4.20	16.85	18.65	5.55	1.20	13.60	13.60	121.35	33.95	
TOTALS ...	79.10	70.95	91.25	74.15	87.50	76.55	72.15	62.55	69.80	(68.40)	752.40	272.95	1910-1919

imp D *Dump*

of 9.30

+ Inspected

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

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<i>Pinnelton</i>					

RAINFALL at Sartmont (Loosie Valley)County of South DevonObserver F. Howard R. Esq. C.E.River Basin AtPlymouth basinS. 2 foot Rain Gauge, by CasselsWeekly

Diameter ...	8											
Height	1.6											
Altitude ...	1352											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	Totals.
January ...	12.00	10.20	8.15	6.90	8.70	9.20	9.95	13.95	12.75	3.40	10.90	106.10
February ...	2.85	5.80	9.20	15.10	2.05	9.60	6.20	6.55	7.80	1.40	2.35	63.60
March	7.35	6.30	6.60	3.60	2.95	1.20	3.40	12.10	8.65	1.75	4.40	58.30
April	8.60	1.50	6.75	6.88	6.80	4.70	4.25	4.45	2.85	1.00	4.70	52.48
May	3.90	3.55	2.40	4.40	6.35	7.90	3.80	1.55	1.25	7.00	4.40	46.50
June	2.40	1.15	2.70	1.10	4.85	.00	4.50	5.70	5.15	3.80	2.10	32.45
July	8.50	4.10	9.40	3.10	6.90	6.30	3.90	9.45	3.80	3.60	5.10	64.15
August	1.70	4.90	6.80	5.80	8.80	6.05	4.50	8.25	4.05	6.55	8.00	65.40
September...	2.70	2.35	4.60	5.60	8.35	7.05	3.90	11.60	1.95	1.60	8.50	59.20
October	5.75	2.10	3.15	13.00	11.70	11.20	4.60	6.95	11.70	12.40	9.40	91.95
November...	5.40	5.60	5.30	6.35	5.80	4.30	12.40	7.30	13.00	23.80	11.50	100.75
December...	9.00	6.80	11.50	10.00	10.90	10.40	1.55	8.40	6.35	15.20	8.60	98.70
TOTALS...	71.15	48.05	76.55	81.83	84.15	77.90	62.95	96.25	79.30	81.50	79.95	837.58
	W	W	W	W	W	W	W	W	W	W	W	W

Site: - 8 ft. by enclosure with stone pillars 3 ft. high. On W of valley 75 ft. above stream
100 yds E. Slight shoulder 50 yds S. Series E & W. (M^{rs} Satter March 1933)

N.B. annual values rejected from Survey List 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
			<u>Priestown</u>					

RAINFALL at Dartmoor (Cousic Valley)County of South DevonshireObserver F. Howarth, 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	8.										
Height	1. 6.										
Altitude	1352.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	9.20										
February	7.10										
March	1.80										
April	6.85										
May	4.25										
June	6.50										
July	8.10										
August	7.00										
September	4.40										
October	1.60										
November	14.40										
December	5.00										
TOTALS	75.20 w	##									

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 Dalmon (Bowie Valley) new g. 1926-2025

County of S. Devon.

Observer F. H. Atkinson, C.E.

River Basin H. Dart.

A. Atkinson Esq. C.E.

Type of Gauge M.O.

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

660608/31

Diameter	5"											
Height	1' 0"											
Altitude	1352'		1323									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals.	Means
January	9.60	13.65	7.10	9.95	3.35	12.25	15.44	15.30	12.87	6.20	105.71	
February	7.80	.00	7.40	1.0	9.90	7.75	15.34	3.91	5.41	7.00	64.61	
March	2.00	5.20	8.60	5.55	2.75	6.40	8.41	1.20	3.25	6.17	49.53	
April	6.30	6.20	4.20	6.45	11.00	4.15	6.59	.33	5.61	5.17	56.00	
May	4.80	6.80	4.15	3.95	5.40	1.20	3.94	5.67	1.44	2.06	39.41	
June	6.85	4.95	3.20	3.55	9.55	4.10	2.24	3.81	6.40	1.33	46.18	
July	8.70	7.40	6.15	1.07	2.05	15.72	5.26	6.76	13.67	6.12	72.90	
August	7.60	2.80	2.65	6.90	4.50	1.29	1.68	9.31	5.37	.59	42.69	
September	4.70	12.05	3.00	7.20	11.85	5.65	8.13	3.76	1.01	3.85	58.20	
October	1.75	16.80	6.68	10.55	16.35	4.00	5.10	11.88	7.05	7.41	87.57	
November	14.90	5.55	2.25	2.20	13.45	8.02	4.88	14.40	19.19	16.39	101.23	
December	5.50	8.40	3.00	24.35	8.70	12.73	6.85	12.07	6.73	8.76	97.09	
TOTALS	80.50	89.80	58.58	81.82	93.85	83.26	80.26	88.40	88.00	71.05	821.12	
	W.	W.	W.	W.	W.	W.	W.	W.	W.	W.		

1935. Jan. rain for 2 days.

926

New orthodox gauge set up in better site near Weir Hous. 1.1.31

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 Direction from gauge	Parish Church.	Distance Direction from gauge

Station No. T.F. 1708/1RAINFALL at Dartmoor (Cassia Valley)

41

County of S. DevonObserver A. Robertson Esq. Esq.River Basin Dart - 4N.G. Elliot Esq. C.E. (1945)Type of Gauge M.O.Annual Average 26.7 in. based on 10 years obs. yr-weighted. Period of average 1891-1915 Ref. PR 482File No. 66508/26

Diameter	5"				363	433						
Height	1' 0"											
Altitude	1323											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	6.96	10.29	13.41	9.78	5.04	11.31	8.27	16.68	4.21	4.20		Totals 90.15
February	10.03	1.22	4.88	2.80	8.32	7.47	3.64	4.00	4.26	11.36		57.98
March	7.01	7.29	2.11	4.44	3.99	4.77	15.75	4.61	3.46	5.73		58.25
April	2.02	4.01	2.51	4.35	3.13	3.60	6.43	4.46	5.24	5.32		41.07
May	4.67	11.09	8.36	1.49	5.09	6.47	4.37	5.04	5.84	3.45		55.87
June	3.67	.80	3.86	7.11	7.92	7.57	5.46	5.57	.71	2.92		45.59
July	2.99	5.61	6.27	6.47	5.46	4.28	4.87	4.11	4.34	8.80		53.20
August	9.14	5.99	8.68	5.41	4.11	8.20	1.15	6.92	4.07	10.92		64.57
September	.67	6.36	6.32	6.03	5.75	14.46	4.85	7.07	6.47	11.85		69.23
October	4.00	7.21	7.33	10.78	8.69	4.28	2.91	8.47	12.85	2.81		69.33
November	6.04	1.75	5.46	16.82	1.14	17.36	8.37	4.34	8.71	14.25		84.24
December	7.10	4.01	5.99	6.67	11.05	9.01	7.14	12.40	5.75	6.85		85.97
TOTALS	64.30 W	75.73 W	75.18 W	78.15 W	69.69 W	98.78 W	72.61 W	83.67 W	65.90 W	81.46 W		772.67 966

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. 1708/1 189 51**RAINFALL at Dartmoor (Gowrie Valley)**County of S. Devon Observer N. G. Elliot Esq. CE.River Basin Dart - 4Type of Gauge N. OctafantAnnual Average 76.7 in. based on 10 years obs. unweighted. Period of average 1881-1915 Ref PB452
" " 81.16 " " 26 " " with 1931-57 " 1916-50File No. 66605/26

Diameter ...	5"				363	433						
Height ...	1' 0"					1			11"			
Altitude ...	1323'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	7 ¹ Means	
January ...	9.51	9.15	1.92	3.80	9.04	9.54	11.39	9.08	13.81	8.58	85.82	
February ...	8.54	1.91	3.67	8.17	6.84	.44	11.37	9.42	65	8.97	59.98	
March ...	9.16	7.96	2.46	7.18	3.01	3.73	9.66	2.84	(8.51)	5.80	60.31	
April ...	4.90	6.18	4.84	1.59	3.76	1.64	.52	2.30	9.22	6.59	41.54	
May ...	3.94	4.01	6.49	8.51	7.80	1.77	4.73	7.64	2.05	3.15	50.09	
June ...	3.17	3.31	5.22	7.50	4.61	4.13	2.69	6.05	2.28	3.96	42.92	
July ...	3.45	2.77	8.06	8.72	2.13	7.38	8.90	5.86	3.53	8.69	59.49	
August ...	12.88	9.10	5.83	5.29	.80	7.36	7.44	10.76	3.04	5.37	67.87	
September ...	7.30	6.33	8.09	9.26	4.37	(3.37)	9.43	10.32	.67	11.32	80.46	
October ...	2.77	9.10	6.33	10.14	4.38	4.14	6.63	8.32	9.35	11.49	72.65	
November ...	13.44	8.02	6.38	15.20	(8.40)	3.98	3.73	7.47	15.48	13.62	95.72	
December ...	8.60	7.52	1.95	8.18	13.12	10.17	7.47	8.34	18.08	10.35	93.78	
TOTALS ...	87.66	75.36	61.24	93.54	68.26	67.65	83.96	88.40	86.67	97.89	810.63	
	W	W	W	W	W	W	W	W	W	W		

1965 Nov. est. rfo 36.

1957 Feb. part est. rfo 3. gauge tampered with. 1-8 July est. rfo 3.

July 1959 1.80K. Slight leak in funnel otherwise satisfactory.

1959 24.30 Nov est. rfo 36.

Position of Station on Ordnance One-Inch map :

No. of Map 187National Grid Reference SK 595767

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

Summary of Earlier Records from 10-year Sheets :

Since changed 1931 1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ - but 20, 19	✓	✓	✓	