

Rainfall at Prince Town, Dartmoor  
Prison Roof  
Mss. Rel. No.

E-17-123  
Devonshire

+ Ground 40 ft + Sea Level 14.00 ft  
Dart - 4.

YEAR -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January -					7.30	25.6.43	4.58	2.91	4.83		
February -					1.72	2.77	4.77	3.49	1.81	3.71	
March -					1.58	3.81	1.58	4.20	2.50	4.80	
April -					3.0	.97	7.73	5.68	5.47	1.11	
May -					4.93	3.77	4.66	4.06	4.15	1.17	
June -					6.11	6.16	3.59	2.61	1.75	1.26	
July -					4.07	4.23	2.51	3.86	3.07	1.07	
August -					1.84	2.61	4.03	.87	4.72	5.30	
September -				3.7	1.71	.97	4.64	4.03	4.88	8.69	
October -				8.76	5.11	7.22	3.71	6.39	3.74	3.70	
November -				4.74	3.30	1.47	1.44	1.23	3.51	5.18	
December -				2.20	3.97	3.94	5.56	2.99	6.63	6.13	
TOTALS -					41.94	38.17	50.65	43.99	45.14	49.95	

~ ~ ~ ~ ~

3-7 Whitley Bathed for 5-30  
4-9 Mps Rate 00

1855 In Tully's Mps - Jan 24 Mar 202, May 3-07, Oct 7-21, total 37-16

Dartmoor

Princes Town, Prison Roof-

Gr. Room

33 m. 61

17200 m. 6

+ Ground 40 ft<sup>6</sup>+ Sea Level 1400 ft<sup>1</sup>

Dart -- 4

YEAR - -	1860	1861	1862	1863	1864					MEANS.
January - -	7.73	2.86	5.43	.	.					
February - -	1.94	4.87	1.36	2.21						
March - - -	4.58	4.69	5.87	2.41						
April - - -	1.16	.43	4.90	2.50						
May - - - -	7.59	.52	3.40	2.40						
June - - - -	10.36	3.01	5.45	5.60						
July - - - -	3.12	6.75	4.05							
August - - -	6.89	3.52	4.94							
September -	5.23	5.60	4.76							
October - - -	3.93	2.71	9.59	7.39						
November -	5.55	6.01	1.86	4.31						
December -	5.80	4.34	5.80							
TOTALS -	63.88	45.31	57.41							

c c c c

1860 Given by Treby = 62.32 June being 10.26 and July 2.64.

# Dartmoor Prison - Reservoir.

The Hon<sup>ble</sup> R. M. Bosc Deputy Governor of Prison

Gauge 5 in 3 in + ground ; + Sea Level 1400 ft

Dart -- 4

YEAR - -	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	9.50	10.31	5.76	10.20	12.97	9.92	9.01	9.74	
February - -	2.87	3.47	5.37	7.11	9.57	7.56	5.08	7.79	
March - - -	12.33	4.75	4.12	5.43	8.83	8.16	6.68	4.51	
April - - -	8.21	4.31	1.82	9.3	4.38	7.69	7.04	3.25	
May - - -	5.71	4.81	2.03	5.44	4.10	5.60	3.71	9.61	
June - - -	8.81	8.33	4.25	1.79	6.87	1.88	2.02	.82	
July - - -	7.54	1.00	2.24	6.57	2.67	7.79	1.24	3.48	
August - -	7.85	7.73	2.24	10.14	8.82	4.46	6.86	2.35	
September -	7.15	9.04	8.74	.62	15.05	4.34	7.52	10.53	
October - -	15.06	10.91	4.37	10.46	3.77	11.98	8.83	5.30	
November -	2.93	8.09	9.26	9.02	6.44	2.41	6.19	8.13	
December -	7.87	10.55	8.59	6.06	9.64	11.19	7.99	13.47	
TOTALS -	98.57	82.14	56.26	77.43	94.66	79.78	77.65	75.00	

1863 Earthquake shook 3 A M 6<sup>th</sup> Oct

1863 June 5<sup>th</sup> 2.25

D.S. 1 1.77

2 1.81

Registered daily



RAINFALL AT DartmoorPrism GardenObserver Wells W.Rain { By BasellaGauge { B. A.Diameter 5 in.Height above Ground 1 ft. 0 in.Above Mean Sea Level 1350 ft.Dart -- 4

YEAR.....										1869	MEANS.
January.....											
February.....											
March.....											
April.....											
May.....											
June.....											
July.....											
August.....											
September.....										4	
October.....										5.53	
November.....										7.59	
December.....										8.63	
TOTALS.....											

c

# RAINFALL AT

Princetown

H.M. Prison

1707

Lat. ....

Lon. ....

County of Devon

Rain Gauge, by

Observer The Royal Meteor Soc  
M. L. H. L.

Date - 4

Diameter ..	5										
Height ....	...		1 0								
Altitude ..	...			1360							
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	11.95	7.84	5.75	10.01	13.91	4.23	15.10	4.26	5.34	4.67	8.306
February ..	13.10	3.14	4.92	7.60	14.05	4.67	9.74	4.97	6.91	1.47	7.057
March ....	4.56	7.53	6.48	11.82	6.86	12.78	4.35	3.65	7.88	11.54	7.745
April .....	3.97	7.66	4.30	3.59	5.49	7.10	2.31	9.37	4.54	5.75	5.408
May .....	4.70	3.21	3.77	4.06	6.09	1.29	7.43	6.97	4.75	3.26	4.553
June .....	7.85	3.48	5.75	1.91	2.93	3.68	2.13	7.52	1.45	4.19	4.090
July .....	2.73	1.50	5.11	7.08	8.56	1.92	2.73	4.16	6.90	7.57	4.826
August ....	5.29	6.26	6.16	8.86	5.14	8.38	6.73	5.18	8.81	3.58	6.439
September ..	3.68	6.86	3.53	7.71	5.93	3.69	1.69	2.63	3.95	3.30	4.297
October ....	6.55	5.17	7.36	19.83	5.09	4.83	13.12	12.63	2.87	16.84	9.429
November ..	8.43	2.28	10.49	6.39	6.07	10.74	6.76	6.99	5.36	3.26	6.677
December ..	15.00	12.86	9.02	13.46	8.92	3.76	9.42	12.33	8.90	13.35	10.701
TOTALS ..	87.81	67.79	72.64	102.32	89.04	67.06	81.51	80.67	67.66	78.78	79.528

H. L.

RAINFALL at Princeton H.M. PrisonCounty of South DevonObserver Royal Meteorological SocietyRiver Basin Dart 4Made Office 1912  
H W Shrimpton Esq

Rain Gauge, by

Diameter ...	5											
Height .....	10											
Altitude ...	1360								1335			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	9.91	4.07	9.91	14.27	5.18	8.46	7.99	4.10	10.17	13.59	8.765	35.8
February ...	11.28	7.50	11.29	4.12	14.93	16.77	12.85	2.32	8.48	7.57	9.711	31.2
March .....	2.18	6.74	13.89	11.05	18.49	2.50	5.86	5.25	3.00	14.12	8.308	28.2
April .....	6.04	5.96	.98	12.11	4.26	2.86	4.41	4.64	3.27	5.38	5.001	17.1
May .....	5.08	2.35	3.53	7.26	4.85	4.26	2.97	4.31	2.44	2.63	3.968	13.3
June .....	2.73	5.15	10.69	3.65	2.77	3.62	5.26	5.53	3.97	1.77	4.514	16.5
July .....	6.91	1.20	4.86	1.13	9.52	8.25	2.88	4.77	6.39	3.18	4.909	17.2
August .....	11.38	6.77	19.07	2.72	6.37	4.15	6.86	12.78	5.72	6.02	8.184	31.3
September ..	.49	4.42	3.08	6.64	5.32	2.24	4.44	5.29	13.91	6.16	5.199	19.8
October ...	11.40	8.15	11.56	6.57	5.39	6.89	15.92	14.29	6.64	3.91	9.071	10.7
November ...	10.34	11.91	7.74	12.58	10.66	6.04	12.79	6.43	7.08	7.27	9.284	33.5
December ...	17.77	23.94	15.91	8.03	18.74	21.29	6.75	2.75	15.00	15.63	14.581	10.1
TOTALS ...	95.51	88.16	112.50	90.13	106.58	87.23	88.98	72.46	86.07	87.23	91.495	

1919 Halfpenny  
1919 Wall 8 ft high 38 ft x 22 ft.

33474

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	50.33.	3.59.	Princeton	$\frac{3}{4}$ m	SW	Princeton	$\frac{3}{4}$ m	SW

RAINFALL AT *Dartmoor Prison Garden*

Lat.....

Lon..... County of *Devon*Rain Gauge, by..... Observer *W. H. Wells*

Dart -- 4

Diameter .....	.5										
Height .....	1				.10						
Altitude .....	<sup>↑</sup> 1350				<sup>↑</sup> 1387						
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	5.67	6.23	15.82	10.14	11.33	15.82	3.70	17.32			
February.....	9.06	7.32	10.91	4.00	7.00	3.61	9.64	6.67			
March .....	5.15	3.87	8.89	4.45	2.96	2.85	6.30	5.58			
April .....	.73	10.82	4.18	.75	3.87	2.79	7.25	9.16			
May .....	4.53	.54	3.56	2.25	1.34	4.36	.45	8.62			
June .....	.93	4.54	9.70	2.94	2.58	6.52	3.98	4.92			
July .....	2.44	12.12	5.36	4.78	2.89	7.09	3.44	11.49			
August .....	2.61	3.70	3.76	7.57	6.71	4.66	6.98	12.27			
September.....	3.74	9.65	7.04	2.64	8.96	7.96	12.77	5.75			
October.....	<sup>+</sup> 10.45	10.20	10.83	3.24	11.49	10.50	7.61	8.58			
November.....	5.25	2.33	12.38	5.41	4.93	9.26	8.94	16.78			
December.....	4.14	8.04	13.49	2.52	7.19	4.11	21.91	4.99			
TOTALS .....	54.70	79.86	105.92	50.69	71.25	79.53	92.97	112.13			

# 70 RAINFALL AT *Dartmoor Prison Farm*

Lat. .... Lon. .... County of *Devon*  
 Rain Gauge, by ..... Observer *M<sup>r</sup> A. Watts*

**Dart -- 4**

Diameter...												
Height ...												
Altitude ...												
Year ...	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January ...									4.82	9.24		
February ...									5.00	10.29		
March.....									4.17	3.28		
April .....									5.19	5.14		
May .....									8.85			
June .....									4.42			
July.....									2.83			
August ...									8.96			
September ..									4.91			
October ...									9.79			
November ..									6.25			
December ..									6.67			
TOTALS ..									71.86			



RAINFALL AT *Dartmoor Prison Reservoir*

Lat.....

Lon.....

County of *Devon*Rain Gauge, by..... Observer *Mr. H. Wallis*

Dart -- 4

Diameter .....	5											
Height .....	2				6							
Altitude .....	1400.				1416							
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	5.47	5.37	11.21	10.89	10.18							
February.....	5.67	6.23	8.99	6.99	5.29							
March .....	5.09	3.04	6.16	6.59	3.54							
April .....	7.77	9.99	4.07	1.11	4.35							
May .....	3.76	1.54	3.41	3.10	1.34							
June .....	1.07	4.43	7.69	3.59	2.26							
July .....	2.77	11.47	5.17	5.40	2.73							
August .....	2.58	3.16	3.66	10.59	8.57							
September.....	2.79	8.18	5.76	3.42	8.10							
October.....	9.27	8.08	9.95	5.69	8.82							
November.....	3.94	1.93	8.24	7.33	4.67							
December.....	3.77	6.96	9.82	2.59	8.55 <sup>#</sup>							
TOTALS .....	46.95	69.38	84.13	67.29	68.40							

RAINFALL at Princetown. (N.M. Prison).County of South Devon.Observer W. W. L. Thompson Esq.  
Alfred A. Goff obs.  
for the Governor.River Basin 4~~Smarden~~ Rain Gauge, by N & ZM.O.  
+ A

Diameter ...	5											
Height .....	1.0											
Altitude ...	1335											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	16.34	12.81	12.40	7.30	11.10	12.40	14.20	14.00	16.27	4.99	15.39	13.72
February ...	2.10	5.0	9.00	17.0	3.50	10.52	7.50	8.10	8.01	3.54	3.01	7.44
March .....	9.09	5.85	8.20	4.60	3.60	2.10	2.70	11.40	10.22	1.30	5.03	6.29
April .....	9.74	17.0	8.30	7.60	6.80	6.40	4.70	5.40	4.50	1.46	6.81	6.34
May .....	4.51	3.60	3.40	7.60	9.00	9.80	5.30	1.90	1.37	7.90	4.57	5.85
June .....	4.26	3.6	3.13	1.60	5.40	1.0	7.10	7.00	5.73	4.48	3.57	4.24
July .....	11.92	3.20	11.50	3.90	8.00	8.90	4.80	11.90	4.56	3.99	6.32	7.89
August .....	3.65	5.20	10.00	6.50	14.50	10.10	6.80	10.00	4.34	7.95	8.98	8.02
September...	4.89	1.60	5.80	7.30	10.50	9.30	3.60	14.70	1.99	1.58	9.75	7.12
October .....	7.90	2.30	2.60	15.80	14.50	12.80	6.20	9.10	14.72	14.09	11.38	11.13
November...	5.53	6.00	5.00	7.60	8.20	4.60	1.30	10.10	16.27	29.36	13.87	12.58
December...	11.97	5.20	15.20	12.90	11.10	12.80	1.90	11.40	12.52	19.58	8.69	12.30
TOTALS...	92.87	48.32	94.00	99.80	106.20	99.80	84.10	115.00	100.50	100.22	97.37	103.81
	D	D	* D	*	*	*	*	NR	D	D	D	D

1920. Wall 8'0" high 38'0" N.M.P.

In yard. Perfect pile in every way (Mrs. Allen 1920)

\* Annual values 1921-1926 were supplied to Inspector on 10/10/27 when station was re-established as a climatological station File 760749/27  
Daily and monthly not available on request destroyedPosition 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
1920.	50°33'	5°59'W	Princetown.	1/2 mile	S.E.W.	St. Michael's Ch. Princes.	500 yds.	S.E.W.

RAINFALL at Princeton (H.M. Prison)

M.W.R.

County of South DevonshireObserver The GovernorRiver Basin Dart - 4Type of Gauge (T.A.)Annual Average 51.9 in. based on 57 years obs. un-weighted. Period of average 1881/1938. Ref B. & N.

Diameter	5.											
Height	1.0.											
Altitude	1359.			1430				1359				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	10.19	15.96	8.51	11.41	3.07	10.44	14.27	13.73	13.95	5.48		67.01
February	8.09	.09	8.22	.49	9.41	7.09	15.10	4.54	6.51	8.67		68.21
March	2.77	5.79	9.44	5.99	1.95	6.57	7.72	1.46	3.60	6.91		52.20
April	6.06	6.89	5.26	6.34	9.43	4.42	6.11	.27	5.55	5.65		55.98
May	4.78	8.03	4.24	4.12	3.18	1.03	4.54	6.71	1.55	2.93		41.11
June	8.43	7.61	4.12	4.03	9.18	3.14	2.45	4.00	6.99	1.21		51.16
July	8.68	7.43	6.26	.88	2.14	16.87	5.77	6.70	15.25	6.10		75.98
August	7.02	2.67	5.36	7.40	3.30	2.05	1.52	8.87	5.25	.75		44.19
September	6.15	11.92	2.79	8.06	10.69	5.54	5.44	3.89	1.03	4.57		59.08
October	2.55	18.13	8.99	9.85	10.87	3.73	4.87	13.00	6.93	9.38		88.30
November	18.01	6.98	2.75	3.21	10.92	7.55	4.78	15.46	19.70	17.12		106.48
December	5.90	7.79	3.13	25.61	8.97	12.52	6.52	11.01	7.21	9.45		98.11
TOTALS	87.53	99.29	69.07	87.39	83.11	80.95	77.09	89.64	93.52	78.22		847.21
	2.	2	2	2	2	2	2	2	2	2		

Inspected 30/7/34. Near old chisen.

to new side of gauge

1934. Gauge moved 62.1430 ft. from 13.11.1934

1935. Inspected 22/5/35. Site satisfactory, Ht. of rim  $11\frac{1}{2}$  ins. This is to be raised to 12"

1938. 15 February - gauge returned to original less exposed site. Noted 1938

Jan - Mar. 1936 lost possibly due to loss of snow.

Record probably lost during period 1/34 - 2/38 when the gauge was outside the prison walls.

+ Inspected 14.10.38. Gauge in satisfactory site from 2/38.

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. 1787RAINFALL at Princeton (H.M. Prison) M.W.R.

41

County of South Devon Observer The Governor (M.O.)River Basin Dart - 4Type of Gauge (+ A) No 334 I.V. 5332Annual Average 81.9 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. B. & N.File No. 20.11.12

Diameter	5				363	474					
Height	1' 0"										
Altitude	1359										
Year	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Means
January	6.30	10.92	16.08	10.88	7.04	11.82	9.48	17.92	4.71	3.44	9.859
February	10.38	1.54	5.73	3.16	9.37	7.34	5.33	4.25	4.80	13.28	6.518
March	7.96	8.06	2.49	4.0	4.03	5.08	17.63	5.26	3.76	6.98	6.165
April	1.86	4.69	3.11	4.97	2.99	3.43	7.72	4.15	6.13	4.96	4.401
May	5.06	11.82	8.34	1.66	5.89	6.13	4.78	5.68	6.75	3.34	5.945
June	3.31	6.4	4.17	7.54	9.17	8.73	5.75	5.40	1.23	2.60	4.854
July	3.28	6.48	6.56	8.07	5.49	4.50	5.40	4.63	3.87	9.62	5.740
August	10.40	9.28	8.21	5.30	4.41	8.56	1.10	7.27	4.04	12.47	7.104
September	8.2	7.21	7.23	6.53	5.62	15.26	4.55	6.95	6.13	12.69	7.299
October	5.13	7.87	8.16	12.21	9.02	4.56	28.4	9.10	14.28	3.05	7.622
November	6.33	2.04	6.39	19.38	1.17	20.16	8.31	4.99	9.91	14.23	9.291
December	7.83	15.97	6.63	9.10	11.73	11.30	6.59	14.76	5.53	8.45	9.789
TOTALS	68.66	86.52	83.10	89.20	75.93	106.87	79.48	90.36	71.14	95.11	84.637

Inspected J. Pepper. 2.12.47. gauge &amp; exposure satisfactory

New D.T.S. recording gauge dispatched from H.O. 11.10.48

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



RAINFALL at Princetown (H.M. Prison) Station No. 1707 (MWR) 4851  
 County of S. Devon Observer The Governor, for M.O.  
 River Basin Dart - 4  
 Type of Gauge M.O. Sec. 8/52 (+A) Inalcan Princetown, Devon

Annual Average 81.9 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. B. & N. P.  
87.63 - " 35 " - 17.6 - 1950 1916-1950  
 File No. With M.O. 5

Diameter ...	5"				363	474		363	474		
Height ...	1' 0"					1 → ←			3		
Altitude ...	1359'					51			51		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means <u>77</u>
January ...	9.98	9.06	2.47	4.11	9.74	8.97	11.68	9.06	13.65	9.76	88.48
February ...	9.50	1.81	3.76	8.67	5.96	(.43)	12.21	9.71	.59	9.48	62.12
March ...	9.49	8.82	2.02	8.19	3.31	3.96	10.93	3.66	9.70	5.91	65.99
April ...	4.77	6.84	5.07	1.61	4.14	2.14	.55	2.29	9.28	7.27	43.96
May ...	3.93	4.42	7.12	8.14	8.70	2.01	4.28	8.19	1.43	3.43	52.15
June ...	3.45	3.87	6.16	8.17	4.88	5.39	2.62	6.27	2.57	4.57	47.95
July ...	4.32	3.30	8.67	8.91	1.43	7.99	7.88	6.74	3.88	9.24	62.36
August ...	13.62	9.03	6.08	6.95	1.06	7.36	7.28	11.49	3.28	6.17	72.32
September ...	9.62	5.52	8.45	9.99	5.23	12.96	10.32	10.18	.58	11.28	84.13
October ...	2.29	9.93	7.26	10.15	4.85	4.32	7.67	8.11	9.34	14.96	78.88
November ...	14.80	7.67	6.80	15.66	9.49	5.11	3.79	7.68	17.04	15.54	103.58
December ...	9.68	7.80	2.04	8.39	13.89	11.21	8.48	9.41	19.49	8.93	99.32
TOTALS ...	95.45	78.07	65.90	98.94	72.68	71.85	87.69	92.79	91.23	106.54	861.24
	D	D	D	D	D	D	D	D	D	D	

Imp 11.9.52. T.M.P. Taylor. Gauge: out of use leaking in wind storm. Funnel & rain can rust (i. probably normal loss).  
 Replaced & fixed.

Imp 22.9.52. H. Work. Gauge sumable. Exposure satisfactory.  
 Imp 1.8.56. Gauge and site satisfactory. Imp 2/9/57.

" 27.5.59 H. Saunders. g. sound & site satisfactory.

+ A. now satisfactory.  
 g. sound. Site ok. No bottle.  
 Bottle now used. Recorder in good working condition.

20004

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference 20 586 741

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	20-26, 28-30	✓	✓	✓
	✓ but - 10, 11	20-26, 28-30	✓	✓	✓