

RAINFALL AT Dartmoor White Tor Princeton N: 1

Lat.

Lon.

County of S. Devon

Rain Gauge, by

Observer H. Francis Esq. C.E.

T. W. Ellingsay Cl.

Dart - 4.

Diameter ..											MEANS.
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..											
February ..											
March ..											
April ..											
May ..											
June ..											
July ..											
August ..											
September ..											
October ..											
November ..											
December ..											
TOTALS ..											
	49.40	64.80	50.25	40.85	45.83	(48.23)	41.62	49.85			

* * approximated by Cowic Valley
Bathurst 1922

1906 Princeton Church

1907 Jan. g. frozen, amount estimated.

+ 1902 annual total recd 2.23 from
Plymouth topo.

+ Inspected

A. B. annual values rejected from Survey Mar. 1929.

RAINFALL at Dartmoor White Tor

County of South Devon

Observer FW Gilliesrap Esq C.E.

River Basin Dart

F Howarth Esq C.E.

Rain Gauge, by

m AN 1916-1950

About 35 in. low

PB 770

Diameter ...	8										MEANS.
Height	1 0										
Altitude ...	640 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...	5.10	2.00	5.70	9.10	2.60	4.50	4.10	1.35	5.90	6.30	46.65
February ...	7.00	3.40	5.95	2.40	7.10	8.60	5.80	1.35	3.60	6.00	51.50
March	1.50	3.50	7.70	6.40	8.25	1.55	3.35	3.05	2.50	6.40	44.20
April	3.90	3.30	.40	7.50	2.80	2.40	1.90	1.50	2.45	3.10	29.25
May	3.90	1.80	2.30	4.90	2.60	3.60	2.10	2.25	1.50	1.40	26.35
June	1.50	3.80	7.10	2.15	2.50	2.80	3.00	4.60	1.90	.90	29.45
July	4.70	.60	4.00	.90	7.50	7.20	1.30	2.50	4.40	2.00	36.10
August	7.50	1.70	13.50	3.30	5.10	2.55	7.90	11.60	3.00	4.00	60.15
September ..	1.30	3.00	2.00	5.25	3.60	2.20	4.50	3.20	9.70	3.10	37.85
October ...	9.10	5.80	6.70	6.80	5.10	5.70	8.45	8.00	3.65	2.40	61.20
November ...	6.80	6.95	3.70	7.20	5.90	3.60	6.85	3.20	4.70	4.00	53.00
December ...	11.30	12.80	7.90	3.50	11.70	14.00	3.20	1.10	7.80	7.50	80.80
TOTALS ...	63.90	48.15	66.95	59.00	64.75	58.70	52.45	44.70	51.10	47.10	55680

1916 Feb remark adjusted by referee January etc

+ Inspected

N.B. annual values rejected from Survey made 1929

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

171
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RAINFALL at Dartmoor (White Tor) No. 1

County of South Devon.

Observer F. H. Coover Esq; T. E.

River Basin

4

Present w

Rain Gauge, by

effektiv

Aug 1946-1950

Almond 35 in low

PB770

Diameter ...	8									
Height	1.0									
Altitude ...	1640									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
										MEDANS.
January ...	6.50	4.60	6.10	3.00	6.80	6.50	6.00	7.80	6.50	3.55
February ...	1.10	1.40	5.20	10.40	2.60	5.20	4.00	6.25	4.20	1.10
March	4.40	3.70	4.20	2.55	2.40	1.10	.90	6.80	6.55	.70
April	6.00	1.20	5.60	5.30	4.20	3.60	2.00	3.35	2.70	1.80
May	2.50	2.50	1.30	3.20	4.90	5.80	3.00	1.05	1.60	5.20
June	2.00	.00	1.50	.70	3.70	.00	3.90	3.60	3.20	3.00
July	6.20	2.30	6.25	1.30	5.30	4.60	2.10	7.50	2.80	2.40
August	1.80	2.90	5.00	3.00	6.70	4.70	2.50	5.60	3.10	3.30
September..	3.40	1.60	3.80	4.50	6.00	5.70	3.90	7.25	1.95	1.00
October.....	5.80	1.65	2.10	8.30	8.80	7.30	4.50	3.70	7.80	7.50
November...	3.00	4.65	3.40	3.10	4.20	3.30	10.15	5.20	5.90	14.30
December...	5.90	3.80	7.40	4.90	6.60	5.20	1.90	7.15	5.70	8.20
TOTALS.	448.60	29.30	51.85	50.25	62.20	52.80	44.85	65.25	52.00	52.05
						M	M	M	M	M

1922, including Dec 31st 1921.

1923 S. amarifoliae on moss

N.B.. annual values rejected from Survey tab., 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
			Brixton.					

RAINFALL at Darkmoor (White Tor) No.1.

County of South Devonshire

Observer 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.

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

Position of Station on reduced Ordnance Survey Map. } No. of Map..... Reference No.
 1 mile to 1 inch Series }

RAINFALL at

Dartmoor (white top) newg. date 1932-43

County of S. Devon.

Observer T. Howarth, Esq.

River Basin H - Dart.

A. Atkinson Esq. C.E.

Type of Gauge MO.

Annual Average 76.88 in. based on 1.7 years obs. $\frac{1}{4}$ -weighted. Period of average 1916-1950 Ref. PB 770

written 1932-43

660608/26.

Diameter	5"										
Height	1' 0"										
Altitude	439 440'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	10.00	14.15	5.00	8.40	3.25	10.25	13.55	14.35	12.40	4.70	
February	7.80	1.00	6.85	3.35	9.30	5.65	12.55	3.45	5.00	7.30	
March	3.00	5.05	7.60	5.00	2.10	6.15	7.95	1.35	2.90	5.64	
April	6.00	6.00	3.35	5.90	9.05	3.70	6.75	1.25	5.40	5.20	
May	4.25	6.10	3.20	3.90	3.55	1.15	3.40	4.52	1.32	2.40	
June	6.90	4.85	3.25	3.20	8.05	5.60	2.65	3.60	5.95	1.05	
July	8.35	6.75	5.60	1.30	2.20	15.55	4.50	6.20	12.60	5.21	
August	8.35	2.65	5.05	8.15	3.55	1.40	1.45	8.70	5.00	1.69	
September	4.50	10.25	2.25	6.75	9.00	5.50	5.15	3.20	.95	4.10	
October	2.00	5.90	8.05	8.70	10.00	4.35	4.80	11.95	7.16	6.55	
November	15.10	6.00	2.40	3.50	11.25	7.50	4.55	14.25	18.80	16.27	
December	5.55	6.60	2.60	24.10	7.10	11.90	6.50	6.40	6.80	8.35	
TOTALS	81.80	34.80	55.80	79.25	81.60	78.70	73.80	78.22	84.27	67.46	76.520

1933. Jan. rain for 30 days.

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

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

Station No. T.F. 17/11

RAINFALL at Dartmoor (White Tor)

41

County of S. Devon

Observer A. Atkinson Esq. C.E.

River Basin Dart - 4

N.G. Elliott Esq. C.E. (1945)

Type of Gauge M.O.

Annual Average 16.28 in. based on 17 years obs. un-weighted. Period of average 1916-1950 Ref. PB 770

Wilkin 1932-44

File No. G606 08/26

Diameter	5"			363	400						
Height	1'0"					1					
Altitude	439						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	6.60	10.26	11.92	9.00	6.22	10.63	(8.20)	15.06	4.25		
February	8.25	(1.24)	4.96	2.75	8.25	8.20	(3.00)	4.04	3.72		
March	7.22	6.35	2.34	4.1	3.83	4.60	14.50	4.15	3.60		
April	2.35	3.64	2.12	3.78	2.55	3.39	5.96	4.20	4.98		
May	4.28	9.60	7.71	1.18	5.47	5.90	4.25	4.76	5.17		
June	3.80	.98	3.34	6.20	7.26	6.85	5.62	5.43	.63		
July	2.67	4.80	6.12	5.37	(5.25)	3.90	4.44	3.95	3.80		
August	8.33	6.30	8.04	5.47	3.65	7.95	.85	6.05	3.98		
September	.50	5.80	6.01	5.29	5.54	13.34	3.70	5.86	6.67		
October	4.50	6.57	6.62	10.00	7.96	4.08	2.50	8.25	12.02		
November	5.88	1.34	5.41	15.92	1.20	15.75	8.15	4.48	8.28		
December	6.95	12.58	5.60	7.15	9.86	7.80	7.80	11.58	5.76		
TOTALS	61.33	69.46	70.19	72.58	67.04	92.39	68.37	77.80	62.76		
	M	M.	M.	M.	M.	M.	M.	M.	M.		

1942 Feb est'd for spring 2004
1945 July est'd by engineer 00404 60004

1949 Read & reduced (area now utility range)

1910 - 1919 1920 - 30 1931 - 40 1941 - 50

✓ ✓ ✓ 41 - 49

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Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map..... Reference No. 20-606784

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
	1941-50						
	✓						
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BRITISH RAINFALL ORGANIZATION