

(The Vicarage)

# RAINFALL AT *Volne, Devon* (on the lee side of Dartmoor)

From Annual of Hydrology by Nathaniel Beardmore p. 287

Author *Nathaniel Beardmore*

Rain { By .....

Gauge { Diameter.....in. Height above Ground,.....ft.....in. Above Mean Sea Level *890*.....ft.

YEAR.....	1831	1832	1833	1834	1835	1836				MEAN.
January.....	21.88	10.98	12.42	14.46	42	11.25				
February.....	3.89	3.97	5.00	1.75	4.54	7.30				
March.....	12.54	2.70	2.56	1.73	5.09	3.95				
April.....	3.63	1.85	4.61	.78	1.35	9.35				
May.....	2.32	4.74	2.15	5.68	4.16	6.09				
June.....	5.80	10.52	5.81	5.18	6.44	2.49				
July.....	7.40	.65	5.18	2.27	4.90	1.67				
August.....	4.17	6.43	6.17	2.32	2.56	3.75				
September.....	2.24	3.24	3.78	1.81	1.27	5.39				
October.....	5.88	11.58	11.59	5.33	8.79	4.89				
November.....	2.44	21.17	6.87	4.85	1.06	1.30				
December.....	5.73	15.70	6.69	4.51	6.82	4.17				
TOTALS ....	87.92	102.53	72.83	50.67	48.30	66.60				

# Rainfall at Holme Vicarage, Ashburton

on the banks of the Dart

Observer Rev. J. Hullah

E-7-50 **50**

**Devonshire**

Mp Returns

Dart - 4.

Howard's Gauge, Sides 1 ft + ground

9600 + 32

YEAR --	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January --		21.88	19.98	12.42	14.46	.42	11.25				
February --		3.89	3.97	5.00	1.75	4.54	7.30	4.07			
March --		12.54	2.70	2.56	1.73	5.09	3.95				
April --		3.63	1.05	4.61	.78	1.35	9.35				
May ---	3.51	2.32	4.74	2.15	5.68	4.16	6.09				
June ---	2.86	5.80	10.52	5.81	5.18	6.44	2.49				
July ---	4.58	7.40	.65	5.18	2.27	4.90	1.67				
August --	3.80	4.17	6.43	6.17	2.32	2.56	3.75				
September -	5.19	2.24	3.24	3.78	1.81	1.27	5.39				
October --	4.04	5.88	11.58	11.59	5.33	8.79	4.89				
November -	9.65	2.44	21.17	6.87	4.85	1.96	1.30				
December -	9.36	5.73	15.70	6.69	4.51	6.82	9.17				
TOTALS -		77.92	102.53	72.03	50.67	48.30	66.60				

c c c c c c c c

744 to 444 Feby in Gard: before.

6 Gard clock 5-76

1852. Jan. Nearly 4 in. in 1 day. Gauge broken in Feb; but nothing lost thereby.

Feby says Holme bridge is 1785 ft + 32

" July 20<sup>th</sup> 1851. Water ran down 4.17

5 Mp

1851 Total given as 74.92

1854 " " " 50.57

# RAINFALL AT *Ashburton Holme Vicarage*

70

Lat.....

Lon.....

County of.....

*Devon*

Rain Gauge, by.....

Observer.....

*Rev J Gill*

Dart -- 4

Diameter .....	. 5											
Height .....	1 . 0											
Altitude .....			650									
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	6.08	6.39	15.90	15.69	9.81	14.19	2.47	17.53	3.34	11.30	10.270	
February.....	8.52	6.31	10.02	8.99	7.41	2.70	9.86	4.16	5.69	11.88	7.254	
March .....	5.28	4.29	8.60	5.68	1.71	2.70	8.05	4.09	3.02	1.42	4.484	
April .....	.45	10.13	3.54	.72	4.99	2.87	7.49	9.00	5.73	4.59	4.951	
May .....	3.73	.38	2.79	2.20	1.38	4.77	.53	7.44	8.35	3.51	3.508	
June.....	.24	3.53	6.80	2.80	9.10	6.64	2.04	3.02	5.09	13.97	5.223	
July .....	1.10	7.32	14.44	4.14	1.79	6.24	1.53	6.09	1.12	7.13	4.090	
August.....	2.74	2.76	1.97	8.04	6.19	4.21	4.99	8.79	7.82	8.64	5.615	
September.....	3.47	10.17	5.23	3.47	8.85	7.31	10.67	4.12	3.24	6.80	6.283	
October.....	10.64	9.13	10.72	4.11	10.83	12.04	7.09	7.85	8.34	2.44	8.319	
November.....	5.11	1.62	13.36	6.26	.53	10.55	9.49	14.48	5.71	.24	6.735	
December.....	4.97	2.02	13.63	1.49	10.33	3.37	21.94	4.61	6.66	3.39	7.841	
TOTALS .....	52.33	70.05	97.00	60.39	72.92	76.59	86.15	91.18	64.11	74.81	74.573	

1870 Gauge perfectly open



# RAINFALL AT *Holme Vicarage, Ailburton*

Lat. ....

Lon. ....

 County of *Devon*

Rain Gauge, by .....

 Observer *Rev. J. Gill*

## Dart -- 4

Diameter ....	5										
Height .....	1.0										
Altitude ....	650 B										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January....	1.26	3.50	4.93	9.78	9.72	5.81	8.61	6.69	2.58	2.49	5.537
February...	10.30	10.15	4.94	12.38	10.29	10.11	2.85	1.81	87	3.90	6.760
March .....	5.57	9.50	2.35	2.94	7.76	2.82	8.08	3.25	9.49	7.37	5.907
April .....	4.20	1.47	9.96	1.73	3.28	6.94	3.37	2.01	3.47	2.61	3.904
May .....	1.13	2.09	2.48	2.56	2.64	4.08	4.71	2.64	4.65	3.10	3.008
June .....	1.97	5.25	5.46	4.47	1.07	2.06	1.07	1.21	4.11	.41	2.608
July .....	5.93	3.40	7.46	3.99	4.93	.69	4.59	2.55	9.44	5.30	4.828
August .....	.89	8.67	4.87	1.82	2.01	2.73	3.01	2.70	3.64	4.83	3.517
September...	6.74	3.08	5.33	10.06	3.11	7.79	3.17	4.75	1.18	2.50	4.771
October ....	10.10	7.63	9.11	7.20	1.84	9.70	10.19	4.64	2.70	7.35	7.046
November....	8.57	11.75	9.54	8.35	3.15	8.13	5.71	6.54	14.74	3.36	7.978
December ....	7.87	7.01	10.54	2.44	10.14	3.73	10.71	6.99	8.98	4.88	7.326
TOTALS ...	64.41	73.50	76.97	67.69	59.94	64.59	66.07	44.78	65.85	48.10	63.190

1880. Holme Church,  $\frac{1}{3}$  mile S.E.

# RAINFALL AT *Ashburton Holme Vicarage*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

*Devon*

Rain Gauge, by \_\_\_\_\_

Observer \_\_\_\_\_

*Rev J. Gill*

*Old Gauge* Dart & Co. 4

Diameter ....	5											
Height .....	10	+6										
Altitude ....	650	3										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	11.99	7.43										
February ....	2.37	0.7										
March .....	3.31	4.89										
April .....	4.19	2.82										
May .....	2.71	4.84										
June .....	4.06	4.33										
July .....	4.26	4.25										
August .....	5.51	10.64										
September ...	2.01	2.86										
October .....	2.67	15.24										
November ....	7.03	9.08										
December ....	4.80	11.37										
TOTALS . . .	54.91	77.82										

1890 Holme Church  $\frac{1}{3}$  mile SE

Trees do not overshadow the gauge

# RAINFALL AT *Ashburton Holne Vicarage*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

*Devon*

Rain Gauge, by \_\_\_\_\_

Observer \_\_\_\_\_

*Rev J. Gill*

*Dart* ~~*2*~~ ~~*0*~~ ~~*4*~~

Diameter ....	5											
Height .....	16											
Altitude ....	650											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	12.04	7.43	2.91	5.30	7.22	5.31	1.69	4.09	1.50	8.83	5.682	
February ....	2.36	.07	5.10	11.29	4.23	.05	1.24	3.76	3.99	5.14	3.723	
March .....	3.29	4.89	2.24	.38	4.22	4.04	8.03	7.08	2.60	1.45	3.822	
April .....	4.19	2.82	1.52	.52	4.40	2.99	.51	6.01	4.05	4.64	3.165	
May .....	2.75	4.84	1.88	3.51	2.96	1.59	.02	2.23	4.48	3.18	2.744	
June .....	4.09	4.33	2.78	1.64	2.51	1.65	3.22	3.53	3.24	2.48	2.947	
July .....	4.42	4.25	2.31	5.97	6.09	4.31	2.29	1.44	.56	.83	3.217	
August .....	5.55	10.64	5.49	2.48	5.32	4.13	2.00	7.83	3.18	2.27	4.889	
September....	2.02	2.86	4.14	3.85	5.05	.61	9.33	4.77	1.53	3.49	3.765	
October .....	2.65	15.24	6.73	4.31	8.52	5.23	5.48	2.33	7.26	4.96	6.272	
November....	7.15	9.08	5.50	3.50	8.11	13.03	1.57	4.38	4.27	5.05	6.164	
December ....	4.68	11.37	3.08	6.95	3.36	6.17	9.61	14.46	6.56	4.37	7.061	
TOTALS . . .	55.20	77.82	43.68	49.70	61.99	49.11	44.99	61.91	43.22	46.69	53.431	

1891 Holne Church  $\frac{1}{3}$  mile SE



# RAINFALL AT *Ashburton Holne Vicarage*

Lat. .... Lon. .... County of *Devon*

Rain Gauge, by *W. J. Gill* Observer *W. J. Gill*

*Dart - 4*

Diameter ..	5											
Height ....	1 6											
Altitude ..	650 B											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	7.63	6.64	4.18	8.29	10.57	3.63	13.75	2.82	3.67	3.28	6.44	'
February ..	8.36	2.89	3.79	4.53	11.73	2.69	7.16	2.95	3.73	1.02	4.88	'
March ....	2.76	5.75	4.21	10.99	4.16	10.98	2.94	1.90	6.35	8.91	5.89	'
April .....	1.88	7.16	3.62	2.26	3.21	5.19	1.13	6.23	4.08	4.35	3.91	'
May .....	2.72	2.66	2.53	3.64	3.77	1.09	4.53	7.11	3.75	2.06	3.86	'
June .....	4.73	2.06	3.73	2.37	1.94	3.53	2.16	4.33	1.02	3.58	2.94	'
July .....	.89	1.78	4.20	5.42	5.35	.47	.87	2.40	3.16	3.90	2.84	'
August ....	3.03	3.37	3.85	6.26	3.68	6.83	3.58	1.69	7.82	2.36	4.24	'
September ..	2.26	5.29	3.38	6.20	3.58	2.98	1.30	1.62	4.37	2.04	3.30	'
October ....	4.74	3.30	4.64	15.52	3.19	3.52	9.17	8.93	2.43	12.50	6.79	'
November ..	5.79	1.60	9.82	3.67	3.25	8.13	4.94	6.94	2.54	2.34	4.92	'
December ..	11.13	12.44	6.81	8.81	6.04	2.41	4.10	9.48	6.43	11.42	7.90	'
TOTALS ..	55.92	54.94	54.76	77.96	60.47	51.45	55.63	56.40	49.35	57.76	57.46	'

1900 Holne Church  $\frac{1}{3}$  mile SE

1903 Ashburton Station 4 miles

1904 "Nearest objects trees, which do not overshadow gauge"

*Hub*

RAINFALL at Holme vicarage + church Park (stage)County of South DevonObserver Rev J. Gill 2 W. T. M. C. G.River Basin Dart 4

Synon Rain Gauge, by \_\_\_\_\_

At 1916-1950 69.83 based on 30 yrs (1916-45)

PB770

Diameter ...	5										
Height .....	1	6									
Altitude ...	650.3					630			620		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	8.98	2.39	8.47	12.62	2.20	6.18	4.61	2.76	8.02	11.39	67.62
February ...	9.76	4.20	7.37	3.04	9.65	15.42	11.52	1.34	4.72	9.62	76.64
March .....	1.78	4.23	10.46	8.80	10.44	1.36	4.76	5.71	2.97	8.83	59.34
April .....	4.09	3.24	2.27	8.42	2.94	2.13	1.50	2.75	2.98	3.49	31.81
May .....	3.64	2.03	2.32	5.54	2.76	4.61	2.15	3.77	1.45	1.62	29.89
June .....	2.40	3.49	6.84	1.32	1.32	1.99	3.09	3.77	2.12	.97	27.31
July .....	4.17	1.01	3.69	.43	6.04	5.17	1.55	3.42	5.64	1.69	32.81
August .....	6.67	2.62	12.41	2.18	4.48	2.65	6.28	10.18	3.48	8.25	56.20
September ..	.60	3.14	1.41	4.85	3.30	.82	3.12	3.41	12.22	3.83	36.70
October ...	8.57	6.75	8.20	5.91	3.61	6.77	11.74	10.18	4.02	1.87	67.62
November ...	8.45	8.29	3.91	8.83	8.48	5.38	10.50	3.66	7.43	6.54	71.47
December ...	13.94	19.55	10.15	4.19	14.90	18.21	6.02	1.53	12.11	14.40	115.00
TOTALS ...	73.05	60.94	475.50	66.13	70.12	70.69	66.54	52.48	67.16	69.50	672.41

1910 "Jus wheel does not revolve on the gauge"

1915 Feb 5 moved 1/4 mile S

" 16 " overflooded

" Colleges 25 ft high 30 ft E

" Buildings 20 " 12 " S

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910 1915	50° 31'	3° 49' W	Ashburton Buckfastleigh	4 miles 4 "	SE	Holme	5 miles 200 yds	SE 55°



RAINFALL at Holne (Church Park Cottage)County of South DevonObserver L. W. Proke Esq.River Basin 4Snowdon Apr 20 Rain Gauge, by         

At 1916-1950 69.83 in based on 28 yrs (1916-45) PB 770

Diameter ...	5"										
Height .....	1.6										
Altitude ...	620										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...	14.36	8.79	8.90	4.61	8.60	12.13	12.46	10.92	15.84	5.02	14.69
February ...	1.80	20	9.37	16.55	2.72	10.08	6.22	6.10	7.41	4.80	2.77
March .....	7.08	5.92	8.15	3.47	4.35	.62	1.84	8.41	8.62	.65	4.44
April .....	7.29	1.17	7.42	6.53	7.30	5.12	3.90	3.27	3.22	.60	4.79
May .....	3.57	4.08	1.28	3.61	7.64	6.49	2.77	.88	1.14	6.29	2.82
June .....	2.48	.09	1.44	.26	3.58	.00	5.06	3.81	3.64	3.06	.86
July .....	5.96	1.80	7.27	1.84	7.09	11.14	1.61	5.93	2.33	2.57	4.15
August .....	2.07	3.36	5.12	5.02	6.72	5.07	2.72	5.83	3.11	3.74	7.13
September...	3.01	1.49	4.36	6.11	8.25	5.55	1.43	8.04	2.36	.79	9.63
October .....	6.10	2.61	2.43	12.83	10.72	8.03	4.64	5.77	13.04	10.59	7.61
November...	4.57	7.21	8.71	6.14	6.71	6.24	15.36	5.51	12.33	23.98	12.05
December...	11.67	4.57	12.44	8.15	13.73	11.64	.63	8.39	8.65	19.84	7.32
TOTALS...	69.96	41.29	73.89	75.12	87.41	75.11	58.64	72.86	81.69	81.93	78.26
	D	D	D	D	D	D	D	D	D	D	D

1920. Building 25 ft. about 30 ft. N.E.S.

1925. Cottages 25 ft. high 70 ft S.

" 30 " " 60 " N.

Road 12 " " 60 " W.

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Buckfastleigh	4 m.	S.E.	Holne	300 yds.	N.

RAINFALL at Holne (Church Park Cottage)County of South DevonshireObserver L. W. Frost Esq.River Basin Par - 4

Type of Gauge .....

Annual Average 52.8 in. based on 35 years obs. un-weighted. Period of average 1881/1915 Ref. B. 27 N.  
69.83 28 - - (1916-45) 1916-1950 75.78/30.8770

Diameter	5.										
Height	1.6.										
Altitude	620.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.66	14.16	6.93	9.08	1.47	12.43	14.25	14.31	12.69	5.20	
February	5.90	0.1	6.80	.33	8.30	6.77	14.98	3.35	4.65	9.87	
March	3.67	5.06	9.59	5.90	2.06	7.25	7.81	.44	2.32	5.77	
April	5.40	5.99	3.12	5.06	9.15	4.39	5.87	.22	4.99	4.62	
May	4.52	5.54	3.22	2.64	3.38	1.28	4.68	5.54	.78	2.15	
June	5.49	5.32	2.56	2.48	7.12	2.30	1.78	2.80	5.07	.74	
July	6.07	4.18	4.45	.68	.51	10.74	1.54	5.24	10.74	4.59	
August	5.63	2.08	1.64	5.92	3.20	.52	.90	8.46	4.53	.14	
September	1.82	7.38	3.62	6.03	6.61	4.94	3.02	2.14	.94	2.65	
October	1.26	13.29	7.23	6.60	7.33	2.35	4.64	9.20	1.51	8.99	
November	15.89	5.46	1.63	3.23	11.07	6.98	5.52	13.40	15.06	14.87	
December	4.22	5.98	3.33	25.03	8.97	13.09	7.42	8.58	5.19	7.08	
TOTALS	67.53	74.48	54.12	72.98	69.17	73.04	72.51	73.68	74.47	66.67	
	D	D	D	D	D	D	D	D	D	D	

Cottage 25' high 60' N x S.

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
1931			Buckfastleigh	3½ m	SE	Holne	200 yds.	N

Station No. M. 1694 ✓RAINFALL at Holne (Church Park Cottage)

41

County of South Devonshire Observer L. W. Frost Esq.River Basin Dart - 4

Type of Gauge.....

Annual Average 59.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B & N  
64.85 (1916-45) 28 (1916-45) 1916-1950 75.78File No. 75 78 35

Diameter	5"				363	730					
Height	1' 6"										
Altitude	620										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	8.44	9.79	15.51	7.33	4.86	12.05					
February	9.07	5.3	4.75	1.31	7.29	7.82					
March	6.10	6.53	2.05	2.22	3.10	4.35					
April	1.26	4.58	2.15	4.06	2.47	3.04					
May	3.41	11.43	8.95	1.09	4.44	6.81					
June	2.95	.75	1.95	4.93	6.02	#					
July	1.56	3.40	3.61	4.75	3.75						
August	6.77	4.67	4.31	5.35	3.54						
September	.79	4.60	5.75	3.90	5.66						
October	3.03	4.77	6.30	9.84	7.86						
November	4.89	1.84	3.97	15.77	1.66						
December	7.73	11.19	6.32	6.99	12.22						
TOTALS	56.00	64.08	66.22	65.54	62.87	inc					
	D	D	D	D	D	D. n.p.					

1946 No. part. cloud. no return since V. 46. Btt. and no upls  
6-3-47. Station terminated. Obs. 150 ill to continue

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

No. of Map.....

Reference No. 20-705697

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

BRITISH RAINFALL ORGANIZATION