

(The Vicarage)

RAINFALL AT Holne, Devon (at lee side of Dartmoor)

From Manual of Hydrology by Nathaniel Readmore p. 281

Authority Observers Nathaniel Readmore

Rain Gauge { By .....  
Diameter ..... in. Height above Ground, ..... ft. ..... in. Above Mean Sea Level 90 ft.

YEAR.....	1851	1852	1853	1854	1855	1856		MEANS.
January.....	21.88	19.98	12.42	14.46	42	11.25		
February.....	3.89	3.97	5.00	1.35	4.54	7.30		
March .....	12.54	2.70	2.56	1.73	5.09	3.95		
April.....	3.03	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	5.17	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	1.96	1.30		
December.....	5.73	15.70	6.99	4.51	6.82	4.17		
TOTALS ....	67.92	102.53	72.83	50.67	48.30	66.60		

## Rainfall at Holme Vicarage, Ashburton

8-3-58 50

on the banks of the Dart

Observer Revd J Hullah

Devonshire  
W.M. Returns

Dart - 4.

Howard's Gauge Sidiem 1 ft + ground 9.600 + 5.1

YEAR --	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January --	21.88	19.98	12.42	14.46	4.42	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	7.0	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	6.65	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	1.01	1.27	5.39				
October -- -	4.04	5.08	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	5.78	15.70	6.69	4.51	6.82	9.17				
TOTALS -	77.92	102.53	72.83	50.67	48.30	66.60					

C C C C C C C

744 to 444 feet in gard: elevation,  
6 gard class 5-761852. Jan. Nearly 4 in. in 1 day. Gauge broken in Feb, but nothing  
lost thereby.Deby says Holme Bridge is 1785 ft + 5 ft  
" July 28 1851 Water ran down 4.17

5 Mo

1851 Total given as 74.92

1854 " " " 50.57

## RAINFALL AT Ashburton Firsne &amp; Vicarage

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	5.99	7.41	2.70	9.86	4.16	5.69	11.88	4.254
March.....	5.28	4.29	8.60	5.68	1.71	2.70	8.05	4.09	3.02	1.42	4.484
April.....	4.45	10.13	3.54	7.2	4.99	2.87	7.49	9.00	5.73	4.69	4.951
May.....	3.73	- 38	2.79	2.20	1.38	4.77	5.3	7.44	8.35	3.51	3.508
June.....	- 24	3.53	6.80	2.80	9.10	5.64	2.04	3.02	5.09	13.97	5.223
July.....	1.10	7.32	4.44	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	5.616
September.....	3.47	10.17	5.23	3.47	8.85	7.31	10.67	4.12	3.24	6.30	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	5.3	10.55	9.49	14.48	5.71	2.46	7.95
December.....	4.97	8.02	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	60.59	72.92	76.59	86.15	91.18	64.11	74.81	74.573

C C C

1870 Gauge perfectly open

## RAINFALL AT Holne Vicarage, Ashburton

Lat.

Lon. .... County of Devon

Rain Gauge, by

Observer Reed 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	2.95	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	.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	5.93	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	10.64	2.44	10.14	3.73	10.71	6.99	8.98	4.88	7.326
TOTALS .....	641.41	73.50	76.97	67.69	59.94	64.59	66.07	44.78	65.85	48.10	63.190

1880. Holne Church,  $\frac{1}{2}$  mile S.E.

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RAINFALL AT Ashburton Holne Vicarage

*Lat.* \_\_\_\_\_ *Lon.* \_\_\_\_\_ *County of* Devon

*Rain Gauge, by*

Old Gauge Dart C- 4

*Observer*

Rev J. G. Gill

Diameter .....	5										
Height .....	10	+6									
Altitude .....	650	B									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	11.99	7.43									
February .....	2.37	-07									
March .....	3.31	4.89									
April .....	4.19	2.82									
May .....	2.71	4.84									
June .....	4.06	#33									
July .....	4.26	4.25									
August .....	5.51	10.64									
September .....	2.01	2.86									
October .....	2.67	15.24									
November .....	7.03	9.05									
December .....	4.80	#37	*								
TOTALS ..	5491	77.82									

1890 Holne 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 ~~E~~ C - 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	5.80	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	2.165
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	2.941
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 .....	2.66	15.24	6.73	4.31	8.52	5.23	5.48	2.33	7.26	4.96	6.292
November .....	7.15	9.08	5.50	3.50	8.11	13.03	1.57	4.38	4.27	5.05	6.161
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 1/3 2 miles SE

RAINFALL AT Ashburton Holne Vicarage

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

<sup>2nd</sup> Rain Gauge, by <sup>2nd</sup> Mr. J. G. Gill Observer Rev. J. Gill

Dart - 4

Diameter ..	5										
Height ....	1 6										
Altitude ..	650 B										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MRENS.
January ..	7.63	6.64	4.18	8.29	10.57	3.63	13.75	2.82	3.67	3.28	6446
February ..	8.36	2.89	3.79	4.53	11.73	2.69	7.16	2.95	3.73	1.02	4885
March ..	2.76	5.75	4.21	10.99	4.16	10.98	2.94	1.90	6.35	8.91	5895
April ..	1.88	7.16	3.62	2.26	3.21	5.19	1.13	6.23	4.08	4.35	3911
May ..	2.72	2.66	2.53	3.64	3.77	1.09	4.53	7.11	3.75	2.06	3386
June ..	4.73	2.06	3.73	2.37	1.94	3.53	2.16	4.33	1.02	3.58	26945
July ..	.89	1.78	4.20	5.42	5.35	.47	.87	2.40	3.16	3.90	2844
August ..	3.03	3.37	3.85	6.26	3.68	6.83	3.58	1.69	7.82	2.36	4247
September ..	2.26	5.29	3.38	6.20	3.58	2.98	1.30	1.62	4.37	2.04	3302
October ..	4.74	3.30	4.64	15.52	3.19	3.52	9.17	8.93	2.43	12.50	6794
November ..	5.79	1.60	9.82	3.67	3.25	8.13	4.94	6.94	2.54	2.34	4902
December ..	11.13	12.44	6.81	8.81	6.04	2.41	4.10	9.48	6.43	11.42	7907
TOTALS ..	55.92	54.94	54.76	77.96	60.47	51.45	55.63	56.40	49.35	57.76	57.466

m m m m m m m m m m

1900 Holne Church 1/3 mile S.E

1903 Ashburton Station 4 miles

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

H.W.

## RAINFALL at Holne Vicarage + church Park (stage)

County of South Devon

Observer Rev J. Gill 2 W. Freshly

River Basin Dart 4

Syringe Rain Gauge, by

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

PB770

Diameter ...	5									
Height .....	16									
Altitude ...	650	3				630			620	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ....	8.98	2.39	8.47	12.62	2.20	6.18	4.61	2.76	8.02	11.39
February ...	9.76	4.20	7.37	3.04	9.65	15.42	11.52	1.34	4.72	9.62
March .....	1.78	4.23	10.46	8.80	10.44	1.36	4.76	5.71	2.97	8.83
April .....	4.09	3.24	2.7	8.42	2.94	2.13	1.50	2.75	2.98	3.49
May .....	3.64	2.03	2.32	5.54	2.76	4.61	2.15	3.77	1.45	1.62
June .....	2.40	3.49	6.84	1.32	1.32	1.99	3.09	3.77	2.12	.97
July .....	4.17	1.01	3.69	4.43	6.04	5.17	1.55	3.42	5.64	1.69
August .....	6.67	2.62	12.41	2.18	4.48	2.65	6.28	10.18	3.48	5.25
September ..	.60	3.14	1.41	4.85	3.30	.82	3.12	3.41	12.22	3.83
October ...	8.57	6.75	8.20	5.91	3.61	6.77	11.74	10.18	4.02	1.87
November ..	8.45	8.29	3.91	8.83	8.48	5.38	10.50	3.66	7.43	6.54
December ...	13.94	19.55	10.15	4.19	14.90	18.21	6.02	1.53	12.11	14.40
TOTALS ...	73.05	60.94	75.50	66.13	70.12	70.69	66.84	52.48	67.16	69.80

1910 "Drew which does not overshadow 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° 21'	3° 49' W	Ashburton Buckfastleigh	4 miles 4 -	SSW	Holne	3 miles 300 yds	S E SW

1699  
20RAINFALL at Kolne (Church Park College)County of South Devon.Observer J. W. Frost Esq.River Basin 4Inundation depth, Rain Gauge, by

Av 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		MEAN
January .....	14.96	8.79	8.90	4.61	8.60	12.13	12.46	10.92	15.84	5.02		14.69
February ...	1.80	2.20	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	6.2	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	12.24	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

1920. Building 25-16. about soft. N.E. S.

1925. Cottages 25 ft high 70 ft S.

" 30 " " 60 " N.

Shed 12 " " 60 " W.

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
			Buckfastleigh	4 m.	S.E.	Kolne	300 yds.	N.

## RAINFALL at Holne (Church Park Cottage)

County of South Devonshire

Observer L. W. Frost, Esq.

River Basin Dart - +

Type of Gauge.

Annual Average 59.8 in. based on 25 years obs. un-weighted. Period of average 1881/1915  
 69.83 28 - (1916-45) 1916-1950 Ref. B of N  
 7578/30.5 T20

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	0.04	6.80	3.33	8.30	6.77	14.98	3.35	4.65	9.87		
March	3.67	5.06	9.59	6.90	2.06	7.25	7.81	1.44	2.32	5.77		
April	6.40	9.99	3.12	5.06	9.15	4.39	5.87	2.22	4.99	4.62		
May	4.52	5.54	3.22	2.64	3.38	1.28	4.68	5.54	7.78	2.15		
June	5.49	5.32	2.56	2.48	7.12	2.30	1.78	2.80	5.07	7.74		
July	6.07	4.18	4.45	6.88	1.51	10.74	1.84	5.24	10.74	4.59		
August	5.63	2.08	1.64	5.92	3.20	1.52	9.0	8.46	14.53	1.14		
September	1.82	7.38	3.62	6.03	6.61	4.94	3.02	2.14	1.94	2.65		
October	1.26	13.29	7.23	6.60	7.33	2.35	4.64	9.20	7.51	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 26' high 60°N x S.

 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	Direction
1931			Buckfastleigh	3½ m	SE	Holne	200 yds.	N

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

Station No. M 1694

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## RAINFALL at Holne (Church Park Cottage)

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.  
 69.85 (take the 28 years (1916-45) (1916-45)  
 for small forward part.) File No. 75-78/30

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	7.9	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					

1946 B. part. closed. no return since V. 46. Bttr. not enough  
 6-3-47. Station terminated. Obs. too ill to continue

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No. 20-705647  
 1 mile to 1 inch Series }

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