

RAINFALL AT Bude

Lat.

Lon.

County of Cornwall

Snowdon Rain Gauge, by N.Y.Z.

Observer J. Arthur, Esq.

Channel & N.W. Lowest Streams — 1

Diameter	5										
Height	1.0										
Altitude	16 B										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	2.90	2.93	2.78	3.81	2.88	5.68	2.70	1.65	1.86		
February	2.67	2.03	5.21	2.97	2.62	1.29	.71	1.32	2.76		
March	(10.00)	2.50	1.38	.83	2.88	.89	3.31	1.40	3.59	3.67	
April65	3.68	1.33	1.86	2.43	1.56	1.03	1.29	1.34		
May	1.68	2.40	1.69	1.26	2.43	1.87	1.18	1.21	2.60		
June	1.83	3.09	4.06	2.46	.77	3.47	.76	.20	2.05	.18	
July	5.91	2.36	4.13	2.41	2.21	1.01	2.33	.91	3.86	2.90	
August	1.05	3.77	3.92	1.79	1.66	1.44	.74	1.42	2.32	2.14	
September	3.38	2.10	3.77	3.86	1.79	6.17	1.88	5.36	1.60	1.61	
October	4.64	2.64	5.21	3.58	2.27	5.18	6.52	3.36	1.84	4.03	
November	2.90	3.85	6.55	5.60	2.31	3.37	3.63	3.57	5.57	1.51	
December	5.76	5.54	5.51	1.19	6.22	1.60	6.19	2.84	4.50	3.21	
TOTALS	(35.47)	88.75	46.57	32.73	30.00	33.49	35.76	24.48	30.80	27.81	33.081

Stratton Church 1½ miles NE.

1880 Jan-May computed from Stratton,
West St Mary.

RAINFALL AT Bude

Lat.

Lon.

County of

Cornwall

Rain Gauge, by

Observer

J Arthur Eg

Latitude & N. & S. do. about Streams = 1

Diameter	5"											
Height	10											
Altitude	163											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.08	2.26	2.14	2.35	4.02	3.49	1.04	1.93	1.25	5.21	2.777	
February88	.49	2.46	4.21	3.18	.03	.82	5.03	2.50	2.29	2.189	
March	1.01	2.49	.68	.47	2.28	2.86	3.19	3.25	1.06	1.08	1.837	
April	3.30	1.81	1.16	.72	1.36	1.69	.70	3.67	1.23	2.94	1.858	
May	2.82	2.59	1.13	1.53	3.00	.38	.08	1.31	4.67	1.07	1.858	
June	2.12	2.12	1.41	1.10	1.71	1.89	.94	2.77	1.75	.85	1.666	
July	3.34	2.21	1.93	4.70	4.16	3.56	1.59	2.97	.57	.58	2.561	
August	3.99	5.07	2.96	90	3.67	2.21	1.98	5.24	3.53	1.06	3.061	
September	1.53	4.86	3.41	3.52	2.50	.47	4.19	6.27	1.04	3.11	3.090	
October	2.29	5.90	3.03	3.61	4.33	6.74	4.30	1.71	7.38	4.18	4.247	
November	4.67	2.89	3.34	2.63	6.80	5.37	1.16	2.30	1.72	2.99	3.287	
December	3.05	4.79	2.66	4.79	3.13	3.87	5.62	5.28	4.82	3.14	4.115	
TOTALS	33.08	37.48	26.31	30.53	40.14	32.56	25.61	41.73	31.52	28.50	32.746	

RAINFALL AT Bude

Lat.

Lon.

County of Cornwall

Rain Gauge, by

Observer J. Arthur Eg.

Seamal & N.W. Coast Streams - 1

Diameter ..	5									
Height	10									
Altitude ..	163									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..	4.87	2.50	1.89	4.99	4.65	1.85	(10.10)			3.200
February ..	5.22	1.40	1.02	2.07	4.92	1.32	(10.80)			2.543
March	1.29	2.56	2.63	4.81	1.58	4.69	(14.90)			2.777
April	1.23	3.06	.91	1.77	1.25	2.06	(13.00)			2.122
May	1.29	.65	1.62	1.64	2.80		(10.40)			1.840
June	3.53	2.54	2.69	.93	.89		(10.40)			2.098
July99	1.37	2.37	2.91	5.09		(11.30)			2.403
August	2.89	2.43	2.02	4.98	2.46		(12.20)			2.698
September ..	1.80	2.04	1.93	2.74	1.32		(7.20)			1.703
October....	4.02	3.19	3.33	9.17	2.24		(21.50)			4.345
November ..	4.98	1.39	4.05	2.79	3.44		(14.80)			2.145
December ..	5.49	6.24	3.55	3.47	2.83		(9.30)			4.088
TOTALS ..	37.60	29.37	28.01	42.27	33.47		(158.90)			329.62

D

*

$$* 1905-05 = \text{Stratton, Bonywell} \times \frac{100}{111}$$

10 1894

RAINFALL at Bude ^{Shaldon Hill -? (915)} School House

County of Cornwall

Observer

Karl Durston Esq

7.9 Wardenly (1916-1917)

River Basin Camel + NW Coast streams 1

Snowdon Rain Gauge, by N 53

Diameter ...	5												
Height	1.0												
Altitude ...	51												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	(4.10)	(1.50)	3.43	4.96	1.50	4.04	1.51	1.82	4.37	4.10		11.80	
February ...	(4.40)	(2.40)	2.11	.95	3.12	5.38	6.34	1.73	1.95	3.92		13.94	
March	(1.60)	(2.30)	4.91	4.42	5.61	.84	2.65	2.40	1.77	3.72		10.54	
April	(2.60)	(2.00)	.20	3.09	1.81	1.44	1.08	1.97	2.15	1.92		7.12	
May	(2.45)	.76	1.24	3.04	1.33	2.16	2.17	1.69	1.01	1.48		6.35	
June	(2.05)	2.45	6.25	1.30	2.16	1.54	1.96	5.00	1.16	.91		9.03	
July	(2.65)	.38	3.52	.37	4.14	3.02	.90	2.09	3.96	.72		7.67	
August	(2.95)	3.76	8.56	1.18	3.47	2.10	1.88	4.14	2.50	2.76		11.28	
September ..	(2.20)	2.76	.72	2.36	2.44	1.86	2.10	1.77	7.58	1.67		31.2	
October ...	(5.30)	3.21	4.02	2.71	1.53	3.76	5.15	5.55	2.70	.85		42.5	
November ...	(5.70)	4.66	3.20	4.08	3.51	2.37	4.22	2.88	3.51	3.38		13.99	
December ...	(4.50)	5.26	6.11	3.25	6.65	7.23	4.35	1.36	4.81	5.97		16.47	
TOTALS ...	37.40	31.44	44.27	31.71	37.27	35.74	34.31	32.40	NR.	31.40		135.58	
		*								d imp.			

Shrub 6' 8" ft 15° S
12° W1913 July 31st removed 150 yards NW
open space 3' 6" high 4' 6" + 6' 6" 5 + E + W
Screen 5' 0" 10' N* 1918 readings obtained by
factor. Bude (Bramble Hill)
is 108.75% larger than this.* Jan 1910 - Apr 1911 comp'd from Shatto (x $\frac{108}{111}$)

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
50.50	4.33	Bude		600 704 yds	SE	St Michael	600 180 yds	W SW

1894
20RAINFALL at Bude. School House.County of CornwallObserver Harl Duxton Esq.River Basin 110/15 M.O. Rain Gauge, by
Measure 101246/14.

Diameter ...	5									^{10/30} MEAN	Total
Height	1.0										
Altitude ...	50										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...	4.75	3.94	3.57	2.62	4.33	3.30	5.19	5.48	6.47	1.56	57.2
February ...	1.04	2.22	3.57	5.94	1.35	5.48	2.72	2.06	2.71	1.30	1.82
March	3.42	2.96	3.06	1.96	(2.00)	.82	5.0	3.16	3.57	.33	2.44
April.....	2.60	1.95	3.16	2.40	(3.00)	2.80	1.68	1.99	1.44	.98	2.07
May	1.75	1.33	1.53	2.08	2.83	4.01	1.54	.93	1.04	3.29	2.10
June	2.50	1.03	1.13	1.18	1.63	.00	1.25	2.88	2.26	2.18	9.0
July	3.77	1.33	2.60	2.69	4.68	4.17	2.23	2.66	2.02	2.20	2.22
August.....	1.89	4.01	2.57	1.73	(4.75)	3.74	3.14	3.52	3.11	2.35	3.28
September...	3.87	2.01	2.10	2.79	3.83	3.42	1.37	6.56	1.79	.43	3.94
October.....	5.82	1.84	1.72	5.34	5.45	3.50	2.44	2.06	4.94	6.81	4.77
November...	2.56	2.79	1.70	3.62	2.64	3.06	7.51	3.77	3.71	8.81	3.94
December...	2.27	2.94	5.93	4.64	4.61	4.74	1.22	3.65	4.45	8.18	3.31
TOTALS...	37.24	23.85	32.64	35.99	(W.10.)	38.54	30.79	38.72	37.51	38.42	36.81
	0	0	0	0	0	0	0	0	0	0	39131

1920.
 Total free 3' 6" 500: 57.
 Sea - Decade. 4' 0" 8' 4'
 Total sea 3' 6" 12' 6"
 " " 3' 6" 12' w.

1920. "in now using on high measure with a new gauge for four months."

1924. Impacted 7 April, "an additional 5" window gauge was applied and erected here, last summer, by the Royal Meteorological Service Co."

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	50°50'	4°33' W.	Bude (Dist. 1000 ft.)	100	S.E.	St. Michael's	300	W.

1894
31

RAINFALL at Bude (School House)

M.W.R.

County of Cornwall..... Observer Karl Durston, Esq.

River Basin Camel & N.W. Coast Streams - 1. The Clerk to the U.D.C.

Type of Gauge.....

Annual Average 33.4^v in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. E 1/1 S

Diameter	5"											
Height	1.0.											
Altitude	50.											
Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	Means	
January	3.09	3.28	3.51	3.50	1.82	4.17	3.87	5.17	5.01	2.32	35.24	
February	2.42	.00	2.12	.19	4.59	2.42	6.37	.99	1.71	3.26	24.12	
March	2.47	1.87	3.17	1.87	1.19	2.05	4.47	.58	1.12	2.41	21.20	
April	1.79	1.79	1.41	2.38	4.29	1.93	2.75	.04	1.47	2.73	20.58	
May	2.15	3.81	1.51	1.28	1.73	.56	1.60	2.54	.75	1.56	16.99	
June	2.86	.80	1.03	1.56	2.40	2.21	1.18	1.91	1.26	.61	16.82	
July	5.28	3.16	2.34	.63	.98	7.21	2.24	2.07	4.65	3.36	31.92	
August	5.37	1.14	1.35	3.44	1.65	.67	.36	5.80	2.68	2.4	22.70	
September	2.36	5.13	2.24	2.70	3.63	2.20	3.05	1.42	.88	1.74	25.35	
October	1.11	8.44	5.07	3.06	6.05	1.80	2.59	4.50	2.87	2.78	38.27	
November	5.94	2.70	0.97	2.67	5.15	4.03	1.96	4.64	7.37	8.23	43.66	
December	1.75	2.92	1.32	7.07	3.22	3.30	3.34	3.77	2.89	3.16	32.74	
TOTALS	36.59	34.54	26.04	30.35	36.20	33.55	33.78	33.43	32.72	32.39	329.59	DA

1933. Inspected by Mr. C. Inspector. G. & site satisfactory.

Inspected 21/6/34 Large edge of receiving funnel of gauge has a broken rim will be replaced.

Inspected 25/1/35. Tube of g. broken. Authority has been obtained from U.D.C for purchase of new gauge.

1936 New 5" gauge brought 25-1-36 installed 29-1-36

1937. Inspected 21/10/36. No change other than new gauge as above.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

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

Station No. 1894

RAINFALL at Bude (School House) M.W.R.

41

County of

Cornwall

Observer

Chair to the U.D.C.

River Basin 1-Camel & N.W. Coast Streams

Urban District Council (1952)

Type of Gauge

35"

Annual Average 33.16 in. based on 25 years obs. un-weighted. Period of average 1881/1915 Ref. S.A.W.S.

Gauge 18 yrs. with reference from same period.

File No.

Diameter	5"				386	255					
Height	1' 0"					3					
Altitude	50'					X					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.59	4.72	5.25	2.80	3.50	3.34	2.92	6.44	1.27	1.28	35.11
February	4.32	2.28	2.09	.80	3.14	2.79	1.09	1.34	1.03	1.93	21.81
March	3.80	2.27	.98	.29	1.58	1.01	6.12	1.04	1.73	1.40	20.22
April	.89	1.66	1.03	2.14	.85	1.74	1.90	1.95	1.79	2.31	16.26
May	2.02	4.46	2.89	1.42	4.01	2.89	3.45	2.24	2.21	2.00	27.59
June	1.57	.40	1.66	2.76	3.20	3.60	3.14	2.71	.32	1.46	20.82
July	1.67	1.61	2.79	2.36	3.68	2.38	2.33	2.06	1.83	2.93	23.64
August	4.35	3.17	2.84	2.84	1.73	4.33	.32	3.16	1.63	6.13	30.50
September	.40	4.96	4.95	2.99	1.99	4.66	1.71	1.80	3.96	5.74	33.16
October	2.34	3.30	3.85	3.99	2.67	2.06	1.40	5.24	8.17	2.30	35.32
November	2.76	1.04	2.84	6.45	.84	4.59	2.70	2.25	4.95	7.70	36.12
December	3.30	5.28	2.08	2.45	5.40	3.66	3.80	5.74	2.93	4.18	38.82
TOTALS	31.01	33.15	33.25	31.29	32.59	37.05	30.88	35.97	31.82	42.36	33.93
	D	D	D	D	D	D	D	D	D	D	

Inspected Mr. R.W. Gloyd 25.6.49 & 17.1.49. Gauge in good condition, but possibly over-exposed as station is on a mound exposed to winds from 326°. S - 0.49°. An recorder pillar at high lift, necessary position and keep component readings.

25/6/49. Insp. Mr. R.W. Gloyd. Exposure satisfactory, but may be slightly overexposed to S. Spare gauge to be loaned for comparison if suitable site can be found.

1950 Inspected P.F. Foley 27/1/50. Ratio.

29/7/50

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. 1894 9/1 150 Table

RAINFALL at Bude (School House)

(MWR) (295) 51

County of Cornwall

Observer Clerk to the V.D.C.

River Basin Camel & NW Coast Streams

Type of Gauge 17.0 (125/34)
1913-1914/31Annual Average 33.4 in. based on 35 years obs. un-weighted. Period of average 1881 - 1915
34.17 1916 - 1950 1916 - 1950 Ref. A.W.S.
File No. E. 14848/52 P

Diameter ...	5"		386	255						1	386	255
Height ...	4' 0"			3-						→	←	1
Altitude ...	50'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	4.92	3.40	1.22	2.25	4.17	3.36	2.56	3.48	4.22	4.33	33.89	
February	3.70	1.23	1.65	4.10	2.67	.62	3.71	4.10	.62	2.65	24.95	
March	4.68	3.18	1.01	2.50	1.03	2.52	3.10	1.09	3.41	2.12	24.64	
April	2.45	2.65	2.34	.79	1.51	.76	.25	.98	2.24	3.24	17.27	
May	3.62	2.45	2.45	2.10	2.89	.76	1.57	2.55	1.14	1.65	21.18	
June	.51	1.92	1.13	2.48	2.46	N.R.	2.72	3.82	.69	1.32	18.72	
July	1.03	.89	4.47	4.48	1.64	N.R.	2.89	2.85	2.34	4.66	22.64	
August	4.48	5.47	2.75	2.44	.34	N.R.	3.45	6.65	2.27	3.70	34.92	
September	2.53	3.32	3.49	3.40	1.34	3.62	3.72	5.98	.29	5.85	33.54	
October	1.76	5.07	2.05	3.51	2.48	1.98	4.22	3.56	4.68	9.37	36.68	
November	3.84	4.45	2.56	6.70	2.04	1.21	1.93	4.01	7.41	6.36	40.57	
December	3.66	4.00	1.32	2.98	5.68	3.99	1.89	3.97	7.22	5.25	39.96	
TOTALS ...	37.18	38.03	26.44	38.56		27.78						357.90
	D	D	D	D		D			D	D		
						N.P. inc.	32.00	43.04		36.53	50.50	

Readyup from new site 11.52 - 7.52. Low level ginking change - old site retained.

Imp H. Heuer 13.5.53 H. Dawson to our 70 but proud of record begun in 1913. Pulvera Little Ormequod level no

change recommended. 1956 MWR record incomplete but C.R.A. file 660613/26 incl. 2688 gave:- June 192, July 4-14, Aug. 3-04
and Oct. 1-97, Nov. 1-43, Dec 4-00
but no action was taken to confirm these data
(MWR values retained). M. S. 20-11-58

Data for 6-9/56 copied from S. Farms.

8 fm.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SS(2) 202063

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

Summary of Earlier Records from 10-year Sheets :

1916 - 1950, P - accepted

Record D, or d	1910-19	1920-30	1921-40	1941-50	1951-60
	Cimp. 1911-0, 19 ✓ last - 17 ✓ last - 19	✓	✓	✓	✓