

RAINFALL AT *Bude*

80

Lat.

Lon.

County of

Cornwall

Snawdon Rain Gauge, by *M. J. J.*

Observer *J. Arthur, Esq*

Level & N. to Coast Stream - 1

Diameter		5									
Height		1.0									
Altitude		163									
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	
April .....		.65	3.68	1.33	1.86	2.43	1.56	1.03	1.29	1.34	
May		1.68	2.40	1.69	1.25	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	6.51	1.19	6.22	1.60	6.19	2.84	4.50	3.21	
TOTALS	(35.4)	33.75	46.57	32.73	30.00	33.49	35.76	24.48	30.80	27.81	(33.08)

Stratton Church 1 1/2 miles NE.

1880 Jan-May computed from *Stratton*
Week St Mary

RAINFALL AT *Bude*

Lat. _____

Lon. _____

County of _____

Cornwall

Rain Gauge, by _____

Observer _____

J. Arthur Esq

Samel & N. do. lowest stream - 1

Diameter	5											
Height	10											
Altitude	165											
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	
February ....	.88	.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	4.347	
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. Ashman Esq

Canal & N.W. Coast Streams - 1

Diameter ..	5										
Height	10										
Altitude ..	163										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.87	2.50	1.89	4.99	4.65	1.85		(13.10)			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
July .....	.99	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)			3.145
December ..	5.49	6.24	3.55	3.47	2.83			(19.30)			4.088
TOTALS ..	37.60	29.37	28.01	42.27	33.47			(152.90)			(22962)

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* 1908.05 = Stratton Bayhill x $\frac{10.0}{11.1}$

10.894

RAINFALL at

Bude ^{Shalder Hill - ? (1915)}
School HouseCounty of Cornwall

Observer

Karl Dunston Esq

River Basin Camel + NW Coastal

7. J. Wardenby (1916-1917)

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		1180
February ...	(4.40)	(2.40)	2.11	.95	3.12	5.38	6.34	1.73	1.95	3.92		1394
March	(.60)	(2.30)	4.91	4.42	5.61	.84	2.65	2.40	1.77	3.72		1054
April	(2.50)	(2.00)	.20	3.09	1.81	1.44	1.08	1.97	2.15	1.92		712
May	(2.45)	.76	1.24	3.04	1.33	2.16	2.17	1.69	1.01	1.48		635
June	(2.05)	2.45	6.25	1.30	2.16	1.54	1.96	5.00	1.16	.91		903
July	(2.65)	.38	3.52	.37	4.14	3.02	.90	2.09	3.96	.72		76
August	(2.95)	3.76	8.56	1.18	3.47	2.10	1.88	4.14	2.50	2.76		1128
September ..	(1.20)	2.76	.72	2.36	2.44	1.86	2.10	1.77	7.58	1.67		312
October ...	(5.30)	3.21	4.02	2.71	1.53	3.76	5.15	5.55	2.70	.85		425
November ..	(5.70)	4.66	3.20	4.08	3.51	2.37	4.22	2.88	3.51	3.38		1399
December ...	(4.50)	5.26	6.11	3.25	6.65	7.23	4.35	1.36	4.81	5.97		1647
TOTALS ..	37.40	31.44	44.27	31.71	37.27	35.74	34.31	32.40	37.47	31.40		3558
		*	2	3	2	3	3	3		d. imp		

Shrub 6'-8" ft 18 1/2" S

19.3 July 21st f. moved 150 yds NW
 open fence 3' 6" high 4' 6" + 6' 6" S + 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 station ($\times \frac{100}{111}$)

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	50.50	4.33	Bude	600 704 yds	SE	St Michael	100 180 yds	W SW

RAINFALL at Bude School House.County of CornwallObserver Harl Duplin Esq.River Basin 11915 M.O. Rain Gauge, by
changed 10/24/14.

Diameter ...	5											
Height	1.0											
Altitude ...	50											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS	Total
January ...	4.75	3.94	3.57	2.62	4.33	3.30	5.19	5.48	6.47	1.56	5.72	46.93
February ...	1.04	.22	3.57	5.94	1.35	5.48	2.72	2.06	2.71	1.30	1.82	28.21
March	3.42	2.96	3.06	.96	(2.00)	.82	5.0	3.16	3.57	.33	2.44	23.22
April	2.60	.95	3.16	2.40	(3.00)	2.80	1.68	1.99	1.44	.98	2.07	24.07
May	1.75	1.33	1.53	2.08	2.83	4.01	1.54	.93	1.04	3.29	2.10	22.43
June	2.50	.03	1.13	1.18	1.63	.00	1.25	2.88	2.26	2.18	.90	16.94
July	3.77	1.33	2.60	2.69	4.68	4.17	2.23	2.66	2.02	2.20	2.22	30.57
August	1.89	4.01	2.57	1.73	(4.75)	3.74	3.14	3.52	3.11	2.35	3.28	34.09
September...	3.87	2.01	2.10	2.79	3.83	3.42	1.37	6.56	1.79	.43	3.94	32.11
October	5.82	1.34	1.72	5.34	5.45	3.50	2.44	2.06	4.94	6.81	4.77	44.19
November...	2.56	2.79	1.70	3.62	2.64	3.06	7.51	3.77	3.71	8.81	3.94	44.11
December...	2.27	2.94	5.93	4.64	4.61	4.74	1.22	3.65	4.45	8.18	3.31	45.44
TOTALS...	37.24	23.85	32.64	35.99	(41.10)	38.54	30.79	38.72	37.51	38.42	36.51	391.31
	D	D	D	D	D	D	D	D	D	D	D	

1920. Chetrol free 3' 6" 54: 54:
 " " 4' 0" 4' 4'
 Chetrol free 3' 6" 12' 6'
 " " 3' 6" 12' 12' W.

1920. "On new wing on rich measure with a new gauge put four 4' 4' 4' 4'."

1924. Impacted 7' April. "an additional 5" rain gauge was supplied and erected here. Last summer, by the way, 12 + British American Ins. Co."

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

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge
1920	50° 50'	4° 33' W.	Bude (C. & P. R. S.)	100 yds. S.E.	P. St. Michael's	100 yds. W.

RAINFALL at Bude (School House)

M.W.R.

County of CornwallObserver Karl Dursdon, Esq.River Basin Camel & N.W. Coast Streams - 1.The block to the U.D.C.

Type of Gauge

Annual Average 33.4 in. based on 25 years obs. un-weighted. Period of average 1891/1915 Ref. S

Diameter	5.					5"					
Height	1.0.					1'0"					
Altitude	50.					50'					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	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	1.77	3.25	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	3.31	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	3.21	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	1.12	1.35	3.44	1.65	.67	.36	5.80	2.68	.24	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	8.42	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	56.20	33.55	33.78	33.43	32.72	32.39	329.59

1933. Inspected by M.O. Inspector. G. & site satisfactory.

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

Inspected 25/11/35. 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 27/1/36

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

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 Direction from gauge	Parish Church.	Distance Direction from gauge

Station No. 1894

RAINFALL at Bude (School House) MWR

41

County of CornwallObserver Checked to the U.D.C.River Basin 1-Camel & N.W. Coast StreamUrban District Council (1950)

Type of Gauge.....

File No.

Annual Average 33.4 in. based on 35 years obs. un-weighted. Period of average 1881/1915 Ref. S.A.W.S.Gauge's 18 yrs. un-weighted from 1881/1915

Diameter	5"				386	255						
Height	1' 0"					3						
Altitude	50'					✓						
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	3.511	
February	4.32	2.28	2.09	.80	3.14	2.79	1.09	1.34	1.03	4.93	2.181	
March	3.80	2.27	.98	.29	1.58	1.01	6.12	1.04	1.73	1.40	2.22	
April	.89	1.66	1.03	2.14	.85	1.74	1.90	1.95	1.79	2.31	1.626	
May	2.02	4.46	2.89	1.42	4.01	2.89	3.45	2.24	2.21	2.00	2.759	
June	1.57	.40	1.66	2.76	3.20	3.60	3.14	2.71	.32	1.46	2.682	
July	1.67	1.61	2.79	2.36	3.68	2.38	2.33	2.06	1.83	2.93	2.364	
August	4.35	3.17	2.84	2.84	1.73	4.33	.32	3.16	1.63	6.13	3.050	
September	.40	4.96	4.95	2.99	1.99	4.66	1.71	1.80	3.96	5.74	3.316	
October	2.34	3.30	3.85	3.99	2.67	2.06	1.40	5.24	8.17	2.30	3.532	
November	2.76	1.04	2.84	6.45	.84	4.59	2.70	2.25	4.95	7.70	3.612	
December	3.30	5.28	2.08	2.45	5.40	3.66	3.80	5.74	2.93	4.15	3.882	
TOTALS	31.01	33.15	33.25	31.29	32.59	37.05	30.88	35.97	31.82	42.36	33.937	

Inspected Mr. R.W. Gloyne 25.6.49 & 17.8.49. Gauge in good condition, but possibly over-exposed as station is on a mound exposed to winds from 326° S-049°. In recorder pillars 4' high 6 ft. masonry. More suitable site should be found. Rain gauge offered in loan for a limited period to set up in new position and keep comparative readings.

25/10/49. Insp. Mr. R.W. Gloyne. Exposure satisfactory, but may be slightly over-exposed to S. Spare gauge to be loaned for comparison if suitable site can be found.

1950 Expected P.P. & Valley 27/4/50. Ratio.

297.01
2 4 5Position 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

Station No. 1894 ^{150 Table}RAINFALL at Bude (School House)(MWR) 51
(295)County of CornwallObserver Clark & V.D.C.River Basin Camel & NW Coast StreamType of Gauge 11.0
(1825) 34
(11304) 131Annual Average 33.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref A.4.534.17 1916-1950File No. 14848/52

Diameter ...	5'			386	255					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	3.35	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	1.57	.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	2.73	2.46	1.91 N.R.	2.72	3.82	.69	1.32	18.72	
July ...	1.03	.89	4.47	4.73	1.64	4.12 N.R.	2.89	2.85	2.34	4.66	22.64	
August ...	4.48	5.47	2.75	2.77	.34	3.04 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	3.36	4.68	9.37	38.68	
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	28.31	27.78 N.P.	32.00	43.00	36.53	50.50	357.90	

Reading from map etc. 1.11.52. - 7.52. Road junction change. - old site retained.

map M.1.11.52. M.1.11.52. to over 70 but ground of record began in 1913. Perhaps better overground but no change recommended.

1956 MWR record incomplete but C.R.R. file 600613/26 encl. 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). 45.2.20.11.58

Data for 6-5/52 copied from S. Farme.
J. 1/70.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SS (21) 29063

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
	Cimp. 1911-0.19 V. but - 17 d. 19	✓ ✓	✓ ✓	✓ ✓	