

RAINFALL AT

Redruth, Trevirgic

80

Lat. _____

Lon. _____

County of _____

Cornwall

Rain Gauge, by _____

Observer _____

Alfred H. Jenkins, Esq.

has met & N. & S. & East & West — 1

Diameter	5											
Height	1.0											
Altitude	400 T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	1.15	3.71	3.35	5.27	4.35	4.39	5.19	3.62	2.89	3.06	3.698	
February	5.07	5.32	4.13	8.37	5.49	6.83	2.66	1.12	1.08	2.58	4.265	
March	2.68	5.20	1.48	3.10	5.25	2.17	4.29	2.08	5.95	4.57	3.677	
April	3.19	1.64	7.12	2.23	2.62	4.11	2.97	1.00	2.15	2.27	2.930	
May	1.43	1.06	1.94	2.23	1.30	2.79	2.26	1.57	1.96	4.12	2.066	
June	2.54	4.58	4.97	3.24	1.78	1.80	.95	.11	3.99	.77	2.473	
July	4.14	3.12	5.58	3.33	5.28	.90	4.50	1.63	7.64	3.54	3.966	
August35	4.84	3.96	1.51	2.13	2.87	2.14	1.44	3.24	3.52	2.600	
September....	3.30	2.34	3.96	7.01	3.20	7.03	3.97	4.72	2.31	1.43	3.927	
October	8.43	4.24	7.45	4.82	2.41	8.95	7.44	4.19	3.40	6.63	5.801	
November....	6.67	6.55	5.28	5.93	2.90	5.24	4.41	5.13	9.35	3.85	5.531	
December	5.95	5.44	8.31	1.41	4.15	2.28	6.75	3.37	6.75	3.36	4.777	
TOTALS	44.90	48.04	57.53	48.45	40.86	49.36	47.58	29.98	50.71	39.70	45.711	

Redruth St.

1/4 mile W.S.W

1882 Dwarf Tree

5 ft. high 6 ft. various directions

M^r. A. S. Jenkins in a letter dated January 12th 1904 says that the gauge became sheltered about 1883 and from that year to 1900 a cumulative correction of 0.3 per cent for each year should be applied. This would amount to about 5 1/2 per cent by 1900

RAINFALL AT Redruth Treowia

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Lon. _____

County of _____

Cornwall

Rain Gauge, by _____

Observer _____

A. H. Jenkins Esq

Isabel & N. W. Coast Streams - 1

Diameter	5											
Height	1.0											
Altitude	400 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	Means.	
January	5.62	3.68	2.71	3.99	4.93	6.79	1.33	4.18	8.87	6.00	40.10	
February	2.08	.08	4.38	5.60	2.57	.13	1.04	4.80	1.80	5.42	17.90	
March	1.78	3.94	1.15	.20	1.83	2.70	2.97	5.34	2.16	1.87	23.90	
April	3.93	2.80	1.33	.18	4.82	3.35	.79	4.86	2.66	2.33	27.05	
May	6.45	2.94	1.94	.83	2.59	.28	.06	2.01	4.46	2.75	24.31	
June	3.52	3.50	1.91	1.05	2.22	1.66	1.91	2.34	2.25	1.91	22.27	
July	5.93	2.11	1.75	5.31	4.74	3.48	2.59	1.12	.79	1.14	28.96	
August	4.36	7.16	5.00	2.16	3.28	2.63	2.67	6.10	2.88	1.26	27.50	
September....	2.29	4.11	3.40	3.45	2.90	.31	5.98	4.48	1.08	3.41	31.41	
October	1.78	11.11	5.61	3.67	6.09	6.59	4.52	2.06	6.43	3.59	51.45	
November....	4.84	6.00	4.44	2.70	9.02	6.77	1.76	4.48	5.21	3.88	49.10	
December	4.40	5.46	2.65	6.95	4.28	10.40	10.53	7.90	5.94	5.38	63.89	
TOTALS . . .	46.98	52.89	36.27	36.09	49.27	45.09	36.15	49.67	36.53	38.94	427.88	

1890 St Marys Church 1/2 mile WSW

Final trees 40.5 ft high 70.8 ft various

1895 New copper snowdon gauge fixed

1899 Reared previously kept to old gauge

M^r Jenkins in letter dated January 12th 1901 says
that this gauge became sheltered about 1883 which years
required increasing by 0.3% & a cumulative correction of the
same amount ^{should} be applied up to 1900 bringing the final
correction up to 5 1/2 per cent.

RAINFALL AT Redruth Trevingie

Lat.

Lon.

County of Cornwall

Casella Sweden Rain Gauge, by

Observer A. P. Jenkins Esq

New

Island & N. W. Coast Streams - 1.

Diameter ..		5										
Height		1.50										
Altitude ..		399										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	7.46	3.98	2.44	5.95	7.49	2.46	7.07	2.02	1.36	3.07	43.30	
February ..	7.29	2.35	2.68	2.14	7.56	1.51	5.76	1.93	2.35	.69	34.16	
March	2.93	3.31	3.06	6.60	2.86	6.45	1.23	1.27	6.58	5.75	40.14	
April	2.25	5.03	2.91	2.85	1.71	3.23	1.76	5.65	2.48	3.03	30.90	
May	2.51	1.07	1.80	3.41	3.20	.67	4.21	3.60	2.07	1.00	23.64	
June	4.46	2.46	3.72	1.77	1.60	2.49	1.70	3.10	.94	2.59	24.62	
July	1.10	1.28	3.06	3.98	4.60	1.37	1.99	2.22	2.90	2.94	25.44	
August	3.22	1.74	1.87	5.19	2.93	5.91	2.78	1.74	5.49	2.13	33.00	
September ..	2.28	4.35	3.51	3.44	2.68	1.59	1.20	2.94	4.02	1.25	27.36	
October	3.12	3.29	4.16	10.00	2.53	2.84	6.19	8.17	2.26	8.58	51.14	
November ..	7.18	1.39	6.66	3.62	3.56	6.19	4.59	5.70	1.82	2.01	42.72	
December ..	7.08	7.80	3.85	9.81	4.79	2.87	4.64	5.86	5.94	6.69	59.33	
TOTALS ..	50.88	38.05	39.72	58.76	45.61	37.58	43.32	44.10	38.21	39.73	43.596	

* from Feb-Apr. 1901 Mizzg. was alongside old g.

1901 Redruth Church 750 yards SW

Stevensons Screen 5' 2" high 7' 2" SE

Redruth Station 550 yards NE

1901 Feb. April. Recd. XI. 13 Entered 10. XI. 13

* 1900 to Jan 01 from old gauge

RAINFALL AT

Redruth, Cornwall

Lat.

Lon.

County of

Cornwall

Rain Gauge, by

Observer

A. P. Jenkins Esq

Location: N. to Baptist Church - 1

Diameter ..	5											
Height	10											
Altitude ..	400 T	412										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	7.46	3.98	1.98	5.62								
February ..	7.29	2.46	2.56	1.84								
March	2.93	3.33	2.54	6.21								
April	2.25	5.02	2.84	2.70								
May	2.51	1.07	1.66	3.41								
June	4.46	2.48	3.77	1.79								
July	1.10	1.25	2.84	3.94								
August	3.22	1.68	1.80	4.98								
September ..	2.28	4.24	3.39	3.34								
October	3.12	3.10	4.04	9.34								
November ..	7.18	1.28	6.58	3.10								
December ..	7.08	7.00	3.46	9.40								
TOTALS ..	50.88	36.89	37.46	55.67								

1902 Redruth Church 730 yards SW

1903

The amount registered by the monthly gauge is nearly 6% too low the difference being most pronounced when the prevailing winds are W or N. the direction of the chief obstructions.

1883 to 1900 Mr. Jenkins in a letter dated Jan 12th 1901 says that this gauge became sheltered about 1883 & from that year to 1900 a cumulative correction of +0.3 per cent. should be applied. This would amount to about 5 1/2 percent. in 1900 (Red gauge erected 1901 - see following sheet)

Statement preserved with back gears

This is not fully borne out by comparison with other records

CS. H. W.

RAINFALL at Redruth TawagoeCounty of CornwallObserver A. P. Jenkins EsqRiver Basin Cornwall & N.W. Coast Streams 1Copper
Smelter Rain Gauge, by CassellaDiam $\left\{ \begin{smallmatrix} 5.03 \\ 4.97 \\ 5.00 \\ 5.00 \end{smallmatrix} \right\}$ corr. to 5.00 all over
6.1x13

glass vert.

Diameter ...	5										
Height	1 0										
Altitude ...	399 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.26	1.92	6.11	8.75	1.78	4.66	2.29	2.65	4.92	6.17	
February ...	6.49	2.84	5.63	1.85	6.36	9.27	6.96	1.37	3.31	6.41	
March	1.35	5.10	7.33	5.52	7.72	.76	5.21	4.87	2.41	4.94	
April	3.17	2.52	.60	6.35	2.01	2.12	1.29	1.35	2.24	2.35	
May	2.17	1.07	1.66	4.40	1.41	2.99	1.73	2.64	1.03	1.83	
June	2.37	2.60	5.37	1.57	2.56	3.30	1.83	3.52	1.39	1.43	
July	2.49	1.01	3.88	.38	4.81	4.30	1.62	1.52	3.76	1.05	
August	3.86	2.77	10.88	1.37	2.69	2.01	3.56	6.17	1.63	3.26	
September53	3.37	1.23	4.29	2.61	2.38	2.09	1.97	7.18	2.35	
October ...	7.19	4.73	4.77	5.07	3.80	5.92	7.11	6.85	4.74	1.74	
November ...	7.76	4.72	3.54	6.28	4.75	3.04	8.16	2.26	4.40	3.61	
December ...	9.17	12.28	7.37	4.23	11.23	10.03	4.99	1.61	7.37	7.36	
TOTALS ...	51.81	44.93	58.27	50.06	51.73	50.78	46.94	36.78	44.38	42.80	
	D	D	D	D	D	D	D	D	D	D	

Inspected CS. 6.1x13

Rail enclosure, rails left away. Perfectly open down. Trees all round, well away, the nearest being at about 250' on NE. Perfect exposure.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	50° 13' 44" N 50° 14' N	5° 13' 48" W 5° 14' W	Redruth	550 yds	NE	Redruth	750 yds	SW

RAINFALL at *Redruth (Trewartha)*County of *Cornwall* Observer *A. P. Jenkins, Esq.*River Basin *1**Raffet Trewartha* Rain Gauge, by *Basella*
Plan certified

Diameter ...	5"										
Height	1.0										
Altitude ...	399					398					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	6.30	3.86	6.44	3.24	6.66	4.29	7.14	7.81	8.88	4.21	8.41
February ...	9.2	7.8	4.64	9.17	2.63	7.25	3.31	3.45	4.04	3.33	3.35
March	4.34	3.96	3.09	2.77	2.46	.86	.93	4.37	7.51	.72	3.65
April	4.53	1.05	3.70	4.28	3.99	3.59	2.89	2.49	3.23	1.33	3.49
May	2.26	2.64	1.42	3.24	3.44	4.62	2.41	1.02	1.68	5.46	2.04
June	2.95	.12	1.37	.63	1.93	.00	3.30	3.56	2.61	3.05	1.81
July	6.27	2.38	4.45	1.23	4.02	4.32	1.62	4.31	1.63	1.85	2.91
August	1.58	4.21	3.47	2.88	3.30	3.43	2.61	3.52	2.19	3.28	6.23
September...	4.82	.70	3.47	3.24	4.44	3.23	1.00	6.96	1.74	.76	6.69
October	8.48	1.55	1.92	6.56	9.53	4.90	3.47	2.95	8.30	8.65	5.84
November...	2.55	5.86	2.48	4.83	4.49	4.38	8.91	5.00	4.71	14.09	8.20
December...	5.81	2.64	7.52	5.07	9.21	5.88	1.24	4.66	6.19	10.43	3.92
TOTALS...	50.81	29.75	43.97	47.14	56.10	46.75	38.53	50.10	52.71	57.16	56.54
	0	0	0	0	0	0	0	0	0	0	0

1925. Nothing near except wire fence & Stevenson screen, both at safe distance.

1928 Bar. screen 5 ft. high 10 ft. S.E.
Trees up to 60 " " 30 yds. N.E.Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	50° 13' 44"	5° 13' 48"	Redruth	530 yds.	N.E.	Redruth (Parish)	750	S.W.

RAINFALL at Redruth (Trewirgie)

M. W. R. T. T

County of Cornwall

Observer A. P. Jenkins, Esq. J. P. died 1940

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

Type of Gauge Snowden (+A)

Annual Average 45.3 in. based on 35 years obs. un-weighted. Period of average 1881/1915 Ref. B. 51 N. 660613/26

Diameter	5.											
Height	1.0.											
Altitude	399.			397								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.52	4.97	3.92	4.54	1.60	7.35	8.52	6.34	7.48			
February	3.52	.02	4.06	.35	4.09	7.42	7.67	2.27	2.64			
March	5.28	2.60	4.81	4.91	.96	4.93	6.17	.71	2.21			
April	2.37	2.90	2.66	3.80	5.21	2.87	3.94	.02	3.66			
May	4.01	5.03	2.77	2.43	2.17	1.50	2.37	3.39	1.39			
June	3.11	3.48	2.04	1.98	3.33	2.30	2.09	1.97	3.00			
July	6.82	3.70	2.81	.85	.70	7.16	1.87	4.60	7.37			
August	4.48	1.65	3.13	5.00	3.62	.65	1.19	3.58	2.67			
September	3.48	4.94	1.96	3.91	4.66	3.82	3.71	2.44	.96			
October	1.20	8.96	8.64	4.21	5.57	1.82	3.69	4.94				
November	10.79	3.34	2.18	2.67	6.98	5.33	3.53	7.68				
December	2.17	4.01	2.71	12.60	6.16	5.86	4.58	6.93				
TOTALS	51.75	45.62	41.68	47.25	45.06	51.02	49.33	44.87				

Inspects 7/6/14 - O.K.
1937 Stevenson screen 6' high 10-12' S.E.
The bottom screen is out of line & inspection, 1939.
1939. Climat. Sta. terminated. Rainfall obs discontinued.

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
1931			Redruth	550yds	NE	Redruth	750yds	SW