

1918

80

RAINFALL AT Trevine Redbrith

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer E. B. BeauchampTowey & S.E. Coast Streams - 2

Diameter								8			
Height								8			
Altitude								235		240	T
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January									2.76	3.12	
February									1.54	3.07	
March									5.81	4.26	
April								# 1.22	2.21	2.23	
May								1.64	1.79	4.32	
June .....								.23	3.77	.73	
July								1.46	6.84	3.41	
August .....								.90	2.85	3.66	
September....								5.74	1.82	1.46	
October								4.41	3.26	6.97	
November....								5.50	8.59	3.88	
December								4.25	5.66	3.41	
TOTALS									46.90	40.62	

1888 Gunnief Church $\frac{1}{4}$ mile SSE
House 30 ft high 30 feet N

1918

RAINFALL AT Redruth Trevice

Lat. _____

Lon. _____

County of Cornwall

Rain Gauge, by _____

Observer E.B. Beauchamp EsqTenney & S. E. Coast Streams - 2.

Diameter	8											
Height	0 8											
Altitude	240 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.60	3.62	2.67	4.05	4.84	8.09	1.34	4.19	.72	6.20	11.132	
February	2.03	.15	5.19	5.40	2.34	.11	.76	4.44	2.21	5.75	2.838	
March	1.96	14.14	1.17	.23	1.63	2.73	2.90	4.98	2.22	1.92	2.888	
April	3.21	2.52	1.31	.11	4.29	2.70	1.13	5.38	2.67	2.47	2.879	
May	5.88	2.77	1.60	.97	2.80	.30	.04	1.44	4.45	2.40	2.265	
June	3.77	3.17	1.90	1.14	2.06	1.70	1.46	2.11	1.90	1.64	2.085	
July	5.01	2.35	2.29	3.84	4.44	3.29	3.47	.85	.53	.91	2.698	
August	4.90	7.43	4.66	2.06	3.08	2.66	2.55	5.09	3.28	1.52	2.722	
September....	2.19	3.27	3.06	3.11	3.18	.32	5.60	4.25	1.06	3.63	2.917	
October	2.17	10.04	5.54	3.64	5.53	6.64	4.85	2.10	6.83	3.79	5.112	
November....	5.22	6.05	4.36	3.74	9.02	6.13	1.75	4.75	4.62	3.12	11.876	
December	4.45	5.22	3.05	6.52	4.04	10.73	11.12	6.96	5.06	5.40	6.255	
TOTALS . .	46.39	50.73	36.80	34.81	47.25	45.40	36.97	46.54	35.55	38.75	111.919	

1890 Gwermap chund 1/3 mile SSE

House 30 ft high 60 ft N

Trees 50 - - 60 - W

RAINFALL AT Redruth, Cornwall

1918

Lat.

Lon.

County of Cornwall

Rain Gauge, by

Observer

E. B. Beauchamp Esq

Howey & S. E. Coast Streams - 2

Diameter ..	8										
Height	0 8										
Altitude ..	240 II										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.44	4.23	2.32	5.76	6.80	2.65	6.30	1.97	1.12	3.18	4.177
February ..	7.74	2.60	2.67	1.78	7.86	1.41	6.02	1.83	2.21	.69	3.481
March	3.48	3.62	2.75	6.17	2.88	5.68	1.48	1.02	6.31	5.68	3.907
April	2.26	4.75	2.64	2.65	1.34	2.82	1.85	6.03	2.44	2.80	5.958
May	2.50	1.32	1.92	4.12	3.46	.60	4.04	3.51	2.16	.94	2.457
June	3.89	2.24	3.94	2.61	1.74	2.84	1.57	3.53	1.08	2.32	2.576
July .....	.81	1.65	3.16	4.45	5.54	.87	1.68	2.68	2.92	2.68	2.644
August	2.68	1.68	2.01	4.74	3.12	5.99	3.02	1.77	5.92	2.15	3.308
September ..	2.28	4.57	4.04	3.34	3.09	1.71	1.09	2.60	4.41	1.43	2.856
October	3.09	3.25	4.11	9.99	2.45	3.30	6.74	8.32	2.13	8.28	5.166
November ..	7.48	1.13	6.33	3.58	3.46	6.67	4.71	6.16	1.61	1.84	4.297
December ..	6.57	7.98	4.20	8.71	4.87	2.41	4.91	5.46	6.08	6.69	5.788
TOTALS ..	50.22	39.02	40.09	57.90	46.61	36.95	43.41	44.88	38.39	38.68	43.615

1900 Greenway Church 1/4 mile S.S.E

House 30 ft high 30 ft N

Tree 45 " 30 " S.W

1903 Redruth Station 3 miles

RAINFALL at ^{Gunnard} Redruth Trecince

10

1918

County of Cornwall

Observer E.B. Beauchamp Esq

River Basin Towrey & SE Coast Streams 2

glazed Rain Gauge, by

Wether }
 dem. { 8.00
 after correction { 7.97
 7.98

glass correct all over.

Diameter ...	8											
Height	0 8									1 0		
Altitude ...	240 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Sums
January ...	5.51	2.18	6.54	9.09	1.93	4.58	1.93	2.78	5.35	7.07		50.17
February ...	6.39	2.81	5.66	1.74	6.49	9.95	7.89	1.29	3.32	7.29		17.13
March	1.20	4.97	7.59	5.13	8.21	.80	6.40	5.24	2.54	4.74		19.49
April	2.96	2.51	.53	6.04	2.10	2.20	1.33	1.67	2.54	3.28		18.92
May	2.19	1.18	1.42	3.91	1.52	2.91	1.76	2.64	1.09	2.09		8.82
June	2.19	2.81	5.32	1.81	2.54	2.96	2.08	3.65	1.64	1.37		7.58
July	2.66	1.08	4.36	.47	4.93	4.41	1.31	1.74	4.33	.87		8.74
August	3.91	2.70	12.22	1.37	2.99	1.69	3.52	6.19	2.46	3.86		8.25
September ..	.46	3.48	1.06	5.00	2.54	3.42	2.59	2.33	8.74	2.51		16.03
October ...	6.77	4.74	4.94	4.76	3.91	7.42	7.63	6.77	5.08	1.87		16.17
November ..	8.07	5.07	4.23	6.77	4.85	3.04	9.00	2.62	4.93	3.88		2.35
December...	8.65	11.17	7.64	4.99	11.97	10.75	5.61	1.83	7.88	8.35		20.43
TOTALS ...	50.95	44.70	61.51	51.08	54.28	54.43	50.75	38.75	49.90	47.18		23.67
	<u>T</u>	<u>T</u>	<u>T</u>	<u>T</u>	<u>T</u>	<u>T</u>	<u>T</u>	<u>T</u>	<u>T</u>	<u>T</u>		186.58

1910 Home 30 ft high 30 ft N
 Dec 40. 40. SW

Inspected 25.6.18.13. Funnel slightly distorted but corrected. Stand on grass plot. House
 20 ft high 40 ft NW NW. Geranium bed 1 ft 6 in high 4 ft 3 in SE. Thin palm 20 ft high 15 ft NW
 but good exposure

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	50-13-10	5-10-40	Redruth, ³⁰ <u>Seymour & Gunnard</u>	3.8 miles	W N E	<u>Gunnard</u>	1 1/4 miles	S S E

Guernsey
RAINFALL at *Redruth (Guernsey)*

County of *Cornwall.*Observer *E. B. Beauchamp, Esq.*River Basin *2**C. H. Beauchamp (1921)*

Rain Gauge, by
Renard all no.

Diameter ...	8								12				
Height	1.0												
Altitude ...	240												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Sums 20-30	
January ...	5.86	3.82	6.40	3.47	6.65	4.60	6.89	7.60	8.17	4.40	8.67	66.53	
February ...	.86	.84	4.63	8.92	2.62	7.16	2.86	2.95	3.90	3.25	3.19	41.18
March	4.84	4.02	3.81	2.65	2.70	1.19	.88	4.45	7.38	.53	3.86	36.31	
April	4.87	1.16	4.40	4.04	4.06	3.09	2.42	2.43	3.02	1.41	3.59	35.09	
May	2.14	2.46	1.34	3.60	3.64	4.73	2.50	1.03	1.81	5.11	2.22	30.58	
June	2.75	.12	1.44	.57	1.74	.05	3.67	3.28	2.54	2.87	1.19	20.22	
July	6.33	2.53	4.36	1.03	4.59	4.19	2.70	3.29	1.67	1.91	3.16	35.76	
August	1.52	3.85	3.92	2.65	3.53	3.99	2.45	3.99	2.32	3.38	6.93	38.53	
September...	4.79	.91	3.55	2.97	4.40	3.31	1.00	6.96	2.07	.67	6.07	36.70	
October	9.88	2.05	2.16	6.66	9.76	4.60	3.58	2.74	8.37	8.42	5.66	63.38	
November...	2.48	5.68	2.44	5.25	4.96	4.44	8.58	5.16	4.30	13.35	7.97	64.61	
December...	5.99	2.46	8.49	5.18	8.91	5.41	1.21	4.25	6.35	10.36	4.20	62.81	
TOTALS...	51.81	29.90	46.94	46.99	57.86	47.36	38.74	48.13	51.90	55.66	56.71	531.70	
	0	0	0	0	0	0	0	0	0	0	0	420	

Kyle 22. 21. 21.
1920 House 30ft. 30ft. N.
See Ho. 50. 44.

1929 House 40' high 60' NW.
Tree 60' " 90' SW.

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°13'10"	5°10'30"	Redruth	3 miles	N. or	Guernap.	4 miles	S.E.

RAINFALL at Gwennap (Trevince)County of CornwallObserver C. H. Beauchamp, Esq.River Basin Faivy & S.E. Coast Streams - 2Type of Gauge GlaisherAnnual Average 45.5 in. based on 42 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S

10335/30

Diameter	12.										
Height	1.0.										
Altitude	240.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Sum
January	4.72	4.60	3.98	4.05	1.83	7.68	8.03	6.23	7.50	3.86	52.48
February	3.53	1.04	4.46	3.38	4.52	7.86	8.01	1.83	2.54	6.48	39.65
March	6.76	2.68	5.14	5.08	1.15	4.90	6.20	4.9	2.37	3.16	38.13
April	2.65	2.83	2.48	4.07	5.94	2.74	3.95	0.2	3.68	3.23	31.59
May	3.94	4.78	3.00	1.97	2.65	1.55	2.25	3.20	1.33	.88	25.55
June	3.13	3.11	2.31	2.47	3.58	2.10	1.79	1.92	2.91	1.35	24.67
July	6.64	3.60	2.99	.95	.65	7.47	1.53	4.44	7.01	2.69	37.97
August	5.00	2.70	3.41	5.26	3.64	.54	1.07	3.93	2.76	.39	28.70
September	3.62	5.75	2.49	4.03	4.07	3.41	4.71	2.48	.87	2.55	33.98
October	1.04	7.96	8.74	4.17	6.04	1.75	4.11	4.82	4.65	4.64	47.92
November	10.49	4.66	2.01	3.36	7.08	5.33	3.36	7.47	7.12	8.74	59.62
December	2.09	4.18	2.95	12.55	7.06	4.97	4.99	5.31	3.88	4.94	52.92
TOTALS	53.61	46.99	43.96	48.34	48.21	50.30	50.20	42.14	46.62	42.91	473.18

1931. House 30' high 30' N.E.

Tree 40' " 50' W

1934 Tree 50' high 50' S.W.

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			Redruth	3 miles	NW	Gwennap (1940)	1/2 ml 1/4 ml	SE S.E.

Station No. 1918

RAINFALL at Gwersop (Trecinca)

41

County of Cornwall Observer C.H. Beauchamp Esq.River Basin 2. Fowey & St. Austine StreamsType of Gauge GlaisherAnnual Average 15.5 in. based on 12 years obs. un-weighted. Period of average 1881/1915 Ref. S

Average too small after move

File No. 10335/30

Diameter	12"			379	372	10"						
Height	1' 0"				1							
Altitude	240				41						225/60m	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Sums
January	594	6.36	9.16	4.95	4.67	6.49	5.67	9.31	1.70	2.45		56.70
February	643	7.0	3.25	1.42	4.63	4.08	3.19	1.60	1.83	8.64		35.77
March	374	4.02	1.22	1.92	1.49	3.11	12.76	2.11	1.69	2.89		33.95
April	200	2.79	2.83	3.07	1.58	1.68	3.54	3.26	1.94	2.84		25.53
May	383	7.60	4.95	5.56	3.68	4.95	3.99	2.21	3.32	2.78		37.87
June	269	7.4	2.25	3.39	4.94	3.17	4.13	2.62	1.89	1.45		26.27
July	98	3.69	4.18	4.23	5.64	2.37	2.38	2.04	2.43	3.89		31.83
August	484	3.29	3.52	2.93	2.81	5.59	.96	2.46	1.76	7.30		37.46
September	127	3.99	6.87	2.97	3.13	6.78	1.72	2.05	3.20	6.64		38.62
October	193	4.01	3.68	5.42	4.26	4.92	2.40	7.63	8.56	2.56		45.37
November	449	1.54	4.26	10.84	2.82	6.77	4.26	2.77	5.97	10.02		53.74
December	384	7.17	4.29	4.88	8.52	6.98	3.69	6.83	2.92	7.35		56.47
TOTALS	4198	45.90	50.46	45.58	48.17	56.89	48.69	46.89	36.21	58.81		479.58

1941 House 30' high 30' N.E. Tree 50' high 50' S.W. Lime tree 60' high 120' S.W. Tree 60' high 100' N. & N.E. (H.W.)
 17/11/41. Gauge moved 150 yds N.E.
 1943 Tree 60 ft high, 120 ft SW. Tree 60 ft high 100 ft N. Tree 60 ft high 120 ft N.E.
 1946 House 30' high 40' N.E. Tree 50' high 51 SW.

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.
1941			Redruth	3 miles	N.W.	Gwersop	1/2 mile	S.E.

BRITISH RAINFALL ORGANIZATION

Station No. 1918

RAINFALL at Gwennap (Trevince)

51

County of CornwallObserver E. H. Beauchamp Esq.River Basin Tewey, SE Coast Stream-2Type of Gauge GlaisherAnnual Average 45.5 in. based on 42 years obs. unweighted. Period of average 1881-1915 Ref. S147.74 " " 35 " " 1916-1950File No. 162335/30 P

Diameter ...	10"											
Height ...	1' 0"											
Altitude ...	240'	225'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Surf Means	
January ...	5.99	5.91	1.14	3.89	8.64	6.12	3.48	6.42	7.54	4.74	53.97	
February ...	5.36	1.69	1.99	6.54	5.57	1.50	6.99	6.33	5.4	5.73	42.74	
March ...	6.47	4.37	1.38	5.20	1.76	2.17	4.90	6.38	4.58	6.27	43.48	
April ...	3.02	4.04	3.19	.62	1.61	.96	.71	1.33	4.04	3.21	22.73	
May ...	4.02	1.58	4.30	4.14	4.26	1.54	2.88	3.61	1.89	2.46	30.68	
June ...	.74	1.66	2.82	3.89	6.33	3.08	3.05	4.28	1.30	1.64	27.79	
July ...	1.30	1.60	4.16	3.82	.02	3.68	3.73	3.34	2.11	5.11	28.87	
August ...	5.15	4.35	2.36	2.25	.36	6.08	4.64	5.85	3.74	3.65	38.42	
September ...	4.68	5.70	3.72	5.42	2.10	5.95	4.06	5.57	.11	6.44	43.75	
October ...	2.57	6.72	3.46	3.29	6.00	2.40	2.94	3.83	5.61	10.86	46.68	
November ...	6.35	7.07	2.80	9.66	4.15	3.44	3.27	3.50	8.86	7.67	56.77	
December ...	5.50	5.09	1.55	5.02	7.67	7.96	4.54	6.66	9.30	5.74	58.93	
TOTALS ...	51.15	49.78	32.87	53.44	46.26	44.88	45.19	58.10	49.62	63.52	494.81	
	D	D	D	D	D	D	D	D	D	D	D	

1951 Gauge 30' high at 40' N.E. Inver 50' high at 50' S.W.

Inspected 7.3.52 Mr. Deeks. Gauge chain detached, no stem. ~~tree~~ Site
o/s trees S 35° NE 45°. Recommended gauge & log tree - not likely.

New g. purchased (M.D. 6.12.0) 13.4.56

* Grid ref.
amended
Retro.

* 737402

Position of Station on Ordnance One-Inch map :

No. of Map 170National Grid Reference 10/23265

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Ranath	3 m.	N.W.	Gwennap	1/4 m.	A.B.

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
	✓	✓	✓	✓	