

RAINFALL AT *Empacombe* [Devonport] 70

Lat. Lon. County of *Devon Cornwall*
 Rain Gauge, by Observer *L. Harvey Esq*

Tamar & Co. - 3.

Diameter....								5	.	.	
Height								1	.	.	
Altitude								20	.	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								# 6.88	2.54	6.00	
February. ..								2.19	2.29	5.52	
March.....								4.11	1.62	.55	
April								5.30	4.15	2.76	
May								3.73	4.41	2.60	
June								1.11	2.40	8.53	
July.....								3.32	1.54	4.98	
August								5.90	6.11	6.97	
September ..								2.94	3.96	5.30	
October								3.13	3.65	2.25	
November ..								7.71	2.85	.50	
December ..								3.23	3.37	1.32	
TOTALS ..								49.55	38.89	47.28	

Maker Church $\frac{3}{4}$ mile S.W.

RAINFALL AT *Empacombe [Devonport]* 80

Lat. _____

Lon. _____

County of _____

Cornwall

Rain Gauge, by _____

 Observer *S. Harvey, Esq*
Janar + Co. - 3.

Diameter	5											
Height	1.6	2.0	1.3					1.6		0.7		
Altitude	20.											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.97	1.87	2.12	3.86	3.98	2.40	4.80	3.67	2.02	1.52	2.721	2624
February	3.46	4.56	2.33	5.22	3.90	3.78	1.48	.63	.70	2.60	2.866	2620
March	1.95	4.62	1.14	1.35	4.08	1.76	3.37	1.47	3.68	4.70	2.812	2617
April	2.39	1.34	6.32	1.02	1.65	4.25	2.21	.96	1.21	1.60	2.295	2086
May	1.24	1.09	.96	2.76	1.28	3.42	2.21	1.81	2.09	2.70	1.956	1832
June	1.32	4.01	3.83	3.03	.72	2.11	.69	.30	2.37	.76	1.914	1782
July	3.42	2.60	4.66	2.49	3.23	.37	3.41	1.31	5.66	3.56	3.071	2729
August .....	.82	3.25	2.65	1.19	1.32	2.04	2.59	1.73	3.81	2.97	2.237	2188
September....	3.92	3.37	4.84	6.33	2.14	5.20	2.33	3.50	.95	1.88	3.446	3084
October.....	4.70	3.23	6.46	3.55	1.63	5.64	5.63	4.11	2.04	5.37	4.236	3760
November....	3.25	5.16	4.82	4.96	1.93	4.57	3.48	3.61	6.81	2.44	4.083	3758
December	4.77	3.76	6.23	.96	4.22	2.38	6.40	3.58	3.24	3.21	3.875	3298
TOTALS	32.21	38.86	46.16	36.72	30.08	37.92	38.60	26.68	34.58	33.31	35.512	32291

32291

 1880. *Maker*

3/4 mile

S. W

1889

Wall

10 ft high 6 ft

E

Trees

3 ft

" 20"

S W + W

RAINFALL AT

Empacombe [Devonport]

Lat. _____

Lon. _____

County of _____

Cornwall

Rain Gauge, by _____

Observer _____

S. Harvey Esq

Gamar & Co. - 3

J. Handcock Esq

Diameter	5											
Height	0 7							6				
Altitude	20											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.79	3.00	1.84	2.93	3.63	4.94	.92	2.78	1.06	5.76	3.265	
February	1.35	.02	3.10	5.45	2.24	.03	.75	4.10	1.45	4.29	2.278	
March	1.93	1.95	1.20	.17	1.73	2.65	4.35	5.08	1.42	.77	2.126	
April	2.90	1.33	1.50	.61	2.91	2.06	.26	4.51	1.71	3.99	2.178	
May	1.84	2.92	1.45	1.28	2.33	.99	.04	2.02	4.35	2.48	1.970	
June	3.72	2.83	1.50	.81	2.96	2.22	1.68	2.08	2.69	1.42	2.191	
July	5.21	2.82	1.03	4.70	4.64	3.42	1.76	1.03	.31	1.30	2.572	
August	2.51	8.25	4.97	1.74	3.09	3.49	1.61	4.99	2.37	1.30	3.132	
September....	.92	2.61	2.49	2.72	2.89	.33	5.58	2.54	1.16	2.02	2.326	
October	1.24	8.42	3.90	3.25	4.83	3.94	3.28	1.22	5.72	2.83	3.863	
November....	3.82	4.15	2.84	1.47	7.87	6.34	1.15	1.87	3.56	3.01	3.608	
December	4.85	4.84	1.86	4.65	3.70	5.38	8.07	6.68	4.32	4.05	4.840	
TOTALS . . .	36.08	42.64	27.68	29.78	42.82	35.79	29.45	38.90	30.12	33.22	34.148	

S. M. M. M.

1890 *Maken Chmel* 1 mile S

Shrub 10 ft high 8 ft E

1892 Wall 8 ft " 8 " NE

RAINFALL AT *Empascombe [Devonport]*

Lat. *5.22 N*

Lon. *4.10 W*

County of *Cornwall*

Camp Rain Gauge, by

Observer *J. Sandbrook Esq*

Jan 18. - 3

Diameter ..	5										
Height ...	0 6									1 0	
Altitude ..	20										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	5.38	2.64	1.54	4.54	5.14	2.18	8.38	1.42	1.75	2.02	3.499
February ..	5.67	1.18	1.63	1.90	6.57	1.01	4.97	2.12	2.63	.50	2.821
March	2.35	2.83	2.38	5.25	2.05	5.47	1.56	1.18	4.43	5.65	3.315
April	1.94	3.95	2.05	1.77	1.42	2.67	.96	5.50	3.07	1.89	2.522
May	1.62	1.64	1.94	1.76	3.81	.94	3.91	3.52	2.08	1.07	2.229
June	3.89	1.56	3.04	2.72	1.10	2.90	1.93	2.61	.47	3.32	2.354
July	1.18	3.23	2.07	4.00	5.52	.82	1.75	1.41	1.74	3.10	2.482
August	2.30	2.26	1.63	4.36	3.54	5.72	2.33	1.99	3.81	1.96	2.990
September ..	1.50	4.22	2.96	4.65	2.53	1.14	1.00	1.90	3.09	1.23	2.422
October	2.13	2.31	2.65	7.39	2.36	1.48	3.87	5.95	1.66	6.27	3.607
November ..	4.23	.42	5.44	1.74	2.01	6.29	3.07	4.27	1.26	1.32	3.005
December ..	6.52	5.96	3.37	5.12	3.58	1.42	3.57	5.30	5.41	5.88	4.623
TOTALS ..	38.71	32.20	30.70	45.30	39.63	32.04	37.30	37.17	31.40	34.24	35.869

1900 1/2 Mon. chuk maker 1 mile S
 Wall 8 ft high 10 ft E
 Millbay Station 2 miles NE

RAINFALL at Empacombe [Devonport]County of CornwallObserver J. Sandbrook EsqRiver Basin Tamar + C 3

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	20 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.50	1.29	4.02	7.68	1.02	4.20	1.61	1.86	4.11	5.93	
February ...	5.57	2.45	4.25	1.35	5.42	7.09	5.80	1.54	2.53	6.18	
March .....	.85	3.32	6.66	3.87	6.38	1.06	3.63	4.01	2.15	5.68	
April	2.12	2.03	.20	4.26	1.91	1.18	.93	1.21	1.40	2.04	
May	2.70	1.03	1.82	3.52	1.72	3.00	1.77	2.95	.73	1.46	
June	2.14	2.09	5.24	.87	1.26	2.08	2.40	2.49	1.12	1.04	
July	4.21	1.16	2.68	.39	6.14	4.14	1.15	1.78	3.30	1.41	
August	5.38	2.21	8.66	1.07	2.41	1.76	4.03	4.31	1.94	2.80	
September ..	.40	2.40	1.47	2.45	3.06	1.20	1.75	2.43	7.93	1.73	
October ...	6.02	3.29	4.46	4.69	2.91	5.43	7.34	5.00	2.77	1.55	
November ..	5.83	4.96	3.02	4.90	3.94	3.15	6.77	2.03	3.30	3.66	
December ...	7.67	9.16	5.94	2.80	9.85	10.38	4.56	1.36	5.67	7.33	
TOTALS ...	47.39	35.39	48.42	37.85	46.52	44.67	41.74	30.97	36.95	40.81	40.071

1910 Wale 3/4 hgt 20 ft W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	50° 5.22 N	4.10 W	millbay	2 1/2 M	N E	St. Martin	1 mile	S

(Mt Edgecumbe) 1929.

1940.
20RAINFALL at Deanport (Empacombe)County of Cornwall, Observer J. Hardycock, Esq.River Basin 3 Tamar & C. Miss M. L. Algate (1928)Howard Rain Gauge, by _____

Diameter ...	5								5		
Height	1.0								2.0		
Altitude ...	20								15		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	6.87	3.76	5.03	2.44	6.12	5.57	5.98	5.03	7.17	3.78	6.75
February ...	8.5	3.3	3.99	8.02	2.08	5.45	3.53	3.14	3.25	3.09	2.13
March	4.29	2.22	2.88	2.50	2.44	4.5	8.2	3.92	5.57	.68	3.02
April	3.37	.87	3.31	3.19	4.02	2.60	2.57	2.42	1.57	.80	3.06
May	1.85	2.53	1.60	2.44	5.24	4.55	1.26	.40	1.46	3.56	2.17
June	2.31	.03	1.04	.25	1.95	.01	3.87	3.15	2.40	2.99	.89
July	4.05	1.02	3.80	.94	6.86	3.37	.83	3.25	2.05	2.43	2.44
August	1.06	2.92	3.89	2.91	3.21	4.39	1.81	3.65	2.34	3.68	4.69
September...	2.02	1.14	3.01	3.20	5.51	4.82	.41	6.03	2.18	.60	5.68
October	4.13	1.01	2.26	5.87	8.91	4.04	2.91	3.20	6.23	6.47	4.49
November...	2.06	4.41	2.36	2.71	4.82	3.75	8.88	4.06	4.85	13.60	7.49
December...	6.37	2.01	7.05	4.52	5.87	6.13	.75	4.57	3.86	8.71	5.13
TOTALS...	392.3	222.5	402.2	38.99	57.23	45.13	33.62	42.82	42.93	50.39	47.64
	D	D	D	D	D	D	D	D	D	D	D

1920. Wall off. 12 ft. off. w.

1927 Garden Wall 5' 2 ft. 10' NW.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.	50° 22'	4° 10' W.	Millbay	3 m.	E.	St. Mark's	1 m.	E.
1928.			"	2 m.		Maker	1 1/2 m.	

RAINFALL at Devonport (Empacombe)County of CornwallObserver Miss M. C. AlgateRiver Basin Tamar & C - 3Type of Gauge HowardAnnual Average 36.8 in. based on 35 years obs. un-weighted. Period of average 1881/1915 Ref. B.N.

662273/26

Diameter	5.										
Height	2.0.			2'6"	2'6"					1	
Altitude	15.			70.	20'						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.85	5.96	2.47	3.52	.73	6.93	5.19	5.72	7.12	2.82	43.31
February	3.36	.04	3.91	.16	3.68	5.11	7.60	1.46	1.85	5.34	32.51
March	2.47	1.62	3.63	3.92	1.18	4.46	5.88	.39	1.32	3.67	28.44
April	2.88	3.17	2.60	2.87	6.06	2.22	4.18	.13	2.80	3.07	29.98
May	4.36	4.71	1.81	1.52	1.90	.74	3.20	3.46	1.17	1.86	24.73
June	4.66	3.37	2.33	1.82	3.93	1.13	1.34	1.26	3.85	.72	24.41
July	5.04	2.42	2.76	.52	.59	7.48	1.85	3.49	6.37	2.57	32.09
August	3.92	1.77	1.96	4.48	3.60	.62	.98	4.46	4.39	.07	26.24
September	1.35	5.74	1.83	3.76	4.37	3.26	2.70	2.36	.59	2.43	28.49
October	.85	7.65	3.06	2.99	5.67	1.31	4.28	4.20	5.96	3.48	39.45
November	6.93	3.59	1.89	1.61	8.53	3.78	3.34	8.98	7.74	7.92	54.11
December	2.12	3.76	2.86	12.20	6.03	3.90	4.54	4.28	2.70	5.99	48.37
TOTALS	42.79	41.70	31.09	39.37	46.07	41.04	43.08	40.19	44.86	39.94	412.13
	D	D	2	D	D	D	D	D	npD	np	

Record for 1940 has been marked "np high".
 1 letter 4.10.2.41 gauge is now 1ft above ground
 1940 np high.

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			Millbay	3 mls	E	Maker	1 mile	S

Station No. 1915

RAINFALL at Devonport (Empacombes)

41

County of Cornwall Observer Miss M.C. AigateRiver Basin Tamara & S. - 3Type of Gauge HawardAnnual Average 26.8 in. based on 35 years obs. un-weighted. Period of average 1881/1915 Ref. B. of N.

File No.

Diameter	5"										
Height	1'0"	2'6"									
Altitude	20'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.98	6.03#									
February	5.93	25									
March	3.51	4.61									
April	.94	1.85									
May	2.72	6.51									
June	3.27	.23									
July	1.02	1.76									
August	6.06	3.60									
September	.58	3.87									
October	1.87	3.14									
November	2.37	1.19									
December	3.52	5.32									
TOTALS	36.77	38.36?									

1941 Jan 28 & 30 cold for snow

1943 obs. terminated

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			Millbay	3 miles	E	Maker	1 mile	S.

BRITISH RAINFALL ORGANIZATION