

RAINFALL at Penzance Trewidden

County of Cornwall

Observer Mr J. H. Murray

River Basin Fowey + S.E. Coast Stream 2

Rain Gauge, by

Diameter ...							5				
Height							0.5				
Altitude ...											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
										MEANS.	
January ...							2.39	3.16	5.41	7.47	18.43
February ...							8.59	1.29	2.86	6.94	19.68
March							6.61	4.66	2.17	5.96	17.40
April							1.70	2.78	2.21	2.47	9.16
May							2.28	1.74	1.81	2.00	7.83
June							2.27	3.72	1.26	1.15	8.40
July							2.06	2.28	3.55	1.40	9.29
August							4.00	6.21	2.18	3.22	15.61
September...							3.85	3.03	9.07	1.90	17.35
October ...							7.76	6.23	3.75	2.69	20.43
November ..							7.40	3.16	5.12	3.83	19.51
December ...							5.85	2.50	8.67	6.60	23.62
TOTALS ...							54.26	40.76	48.06	45.63	188.71

H.W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Penzance (Hendidder)

County of Cornwall.

Observer Mr. J. L. Massey Hendidder
to Mrs. T. B. Bolito

River Basin 2

Culmboke Rain Gauge, by
from good condition 5 x 5 x 5

flat bottom measure

{ 90
80
70
60
50
40
30
20
10
090
70
50
30
10
0

Diameter ...	5"									9		
Height	0.5"		0.6			1.0						
Altitude ...			350			275						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS	SUMS
January ...	7.04	4.43	5.60	2.73	6.30	3.91	7.07	6.98	6.88	2.17	6.93	60.34
February ...	1.07	8.0	3.90	8.04	1.58	6.16	3.26	3.15	4.22	4.10	3.56	40.14
March ...	4.03	3.62	4.66	2.74	2.18	.84	1.17	3.76	5.85	.56	3.37	32.78
April	5.56	.87	3.92	4.19	3.11	3.12	2.73	3.30	2.76	1.33	2.67	33.56
May	1.74	2.44	1.80	2.03	2.86	11.18	2.34	1.23	1.12	4.61	2.08	25.93
June	2.46	.24	1.26	.59	1.84	.00	2.76	3.52	2.52	2.86	1.45	17.50
July	6.61	1.64	4.31	1.21	4.58	2.89	.83	2.71	1.54	2.00	3.09	31.41
August	1.77	4.12	4.48	3.24	3.10	4.20	2.51	3.08	2.10	3.16	4.80	36.58
September...	2.97	.91	3.86	3.07	3.83	3.06	.83	6.32	2.13	.27	5.35	32.60
October....	7.70	1.69	2.25	5.67	7.25	11.00	3.88	2.95	7.34	6.79	5.16	54.68
November...	2.05	5.15	2.62	3.79	4.96	3.77	6.43	3.87	3.96	11.88	6.66	55.14
December...	4.45	3.77	8.13	6.33	6.71	6.29	1.40	4.49	5.31	7.85	3.83	37.56
TOTALS...	47.75	29.68	46.29	42.63	48.30	42.72	35.21	45.36	45.73	47.58	48.95	480.20

* Inspected 20.11.22. E.W. general. G. in flower bed bordering on path - obs. prov. to remove at once to nearby lawn & set at 11" above ground. Ground slopes slightly to S, trees 50-60yds. all round (20/25) Removal will affect site but little.

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

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920.			Penzance	2 mi E X N		Madron	2 mi

RAINFALL at Penzance (Trewidden)

County of Cornwall

Observer Mr. J. H. Murley

River Basin Fowey & S.E. Coast Streams - 2

Mrs. C. Williams

Type of Gauge M.O.

Annual Average 43.2 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. Survey.

Diameter	9		5									
Height	1.0										9	0 9" 1 0
Altitude	275											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		Means
January	4.38	4.59	3.55	4.24	2.16	7.07	6.18	5.87	7.90	3.61	49.55	
February	4.77	0.07	3.09	2.20	4.31	7.86	7.93	2.23	2.56	5.54	38.56	
March	4.09	2.80	3.89	4.87	1.41	4.91	6.70	7.75	2.20	3.73	35.35	
April	2.26	3.23	2.62	3.09	4.17	3.18	3.65	1.05	3.54	4.68	30.47	
May	3.03	4.92	3.03	1.63	1.63	1.16	2.38	3.40	1.21	1.85	23.24	
June	3.64	1.91	1.72	2.34	3.38	1.64	1.44	2.40	2.71	1.11	22.29	
July	5.16	3.81	2.20	0.96	8.0	8.69	2.12	4.41	5.82	2.86	36.83	
August	2.88	1.96	1.45	3.04	2.82	1.82	1.68	4.00	2.68	0.17	20.50	
September	3.09	4.38	2.22	3.29	4.14	4.81	4.49	3.90	7.76	2.86	33.94	
October	1.24	8.94	6.20	3.42	6.88	2.18	3.60	5.77	3.55	3.46	45.24	
November	9.61	2.32	1.76	2.23	7.74	5.44	3.79	9.09	7.98	8.55	58.50	
December	2.29	3.14	2.68	8.64	6.02	4.19	6.81	4.26	3.37	5.07	46.37	
TOTALS	46.44	42.07	34.30	37.95	45.46	651.95	49.77	46.13	44.28	42.49	440.84	
	D	D	D	D	D	D	D	D	D	D	D	

1931. Trees 40' to 60' high 50' at all points.

1934. Trees & Shubs 50' high 15' to 100' off N.E.W.

1935. Gauge moved Jan. 3rd 15 ft. S.

1936. Trees 50' - 70' all round 40' - 60' d.s.

1/11
1/11Position 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	Parish Church.	Distance from gauge	Direction
1931			Penzance	2 $\frac{1}{2}$ mls	E	Madron	2 mls	N.E.

Station No. 1907

41

RAINFALL at Penzance (Trewidden)

County of Cornwall Observer Mrs G. Williams

River Basin Fowey & S.E. Coast Streams - 2 ha. part of Valley 1945-

Type of Gauge M.O.

Annual Average in. based on 12 years obs. un-weighted. Period of average 1921-1945. Ref. Survey

File No. 310191/34

Diameter	5'				381	319					
Height	1' 6"										
Altitude	275										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.90	6.59	8.64	5.41	5.18	6.65	5.52	8.42	2.44	2.79	5.54
February	6.49	7.76	2.54	2.04	4.65	4.25	2.23	1.96	1.45	7.69	3.606
March	3.96	3.65	1.97	1.53	1.33	2.63	1.42	2.23	2.08	2.23	2.903
April	1.83	1.97	1.96	2.82	1.30	1.80	3.39	3.29	2.10	2.64	2.310
May	3.18	6.21	3.21	1.82	3.89	4.91	2.62	3.24	2.83	2.59	3.350
June	1.34	1.61	1.72	3.81	5.15	3.43	4.23	2.85	1.00	1.33	2.547
July	1.03	2.51	3.75	2.22	4.86	2.77	2.82	3.04	2.15	3.95	2.710
August	6.45	3.56	3.37	3.11	2.69	6.14	1.19	1.69	1.89	7.91	4.100
September	1.22	3.73	6.40	2.80	2.89	5.91	1.91	2.14	3.17	7.59	3.776
October	2.19	3.64	3.15	5.22	4.85	3.76	2.13	6.51	9.72	3.50	4.467
November	4.26	1.64	4.46	9.18	3.39	8.07	4.56	2.22	4.86	9.10	5.074
December	3.19	5.51	3.25	4.12	7.58	5.83	4.01	8.13	4.40	6.10	5.232
TOTALS	40.04	39.38	43.42	42.08	47.76	56.15	11.23	48.72	38.09	57.42	457.29

1941 Trees 50' high 40'-50' each direction.

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			Penzance	3 miles	E	Madron	2 miles	N.E.

Station No. 1907

51

RAINFALL at Penzance (Trewidden)

County of Cornwall

Observer Mrs. G. Williams

River Basin, Fowey & S.E. Coast Streams-2 (obs. H. T. Valley)

Type of Gauge M.O. B.R. un-inspected

Annual Average 3.2 in. based on 14 years obs. unweighted. Period of average 1881-1915 Ref. S
44.77 " " 35 " " 1916-1950 1916-1950 P
File No. 310191/34

Diameter	5"				381	319					
Height	1' 0"										
Altitude	245'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	6.22	6.25	1.75	3.67	6.91	6.14	3.47	6.13	7.16	5.16	52.86
February	5.40	1.78	1.97	6.72	5.52	1.17	5.71	6.73	.49	4.18	39.67
March	6.19	4.10	1.33	4.74	1.95	1.73	5.09	4.14	4.43	3.71	38.21
April	2.83	4.02	2.76	.89	1.68	.82	1.42	1.66	3.20	2.61	20.89
May	3.67	2.44	3.75	3.96	4.34	1.88	3.64	3.60	1.97	1.31	30.56
June	.80	1.86	2.42	4.14	3.78	3.04	2.05	4.25	1.14	1.47	24.95
July	105	1.37	5.71	4.72	.30	4.94	3.08	3.86	1.71	5.13	31.87
August	5.94	4.90	2.68	2.18	.53	3.45	4.79	6.46	1.35	4.70	36.98
September	4.50	4.94	4.15	5.29	2.60	7.04	4.52	6.34	.09	5.95	45.42
October	2.25	4.85	2.75	3.82	6.42	2.43	3.55	4.21	5.29	8.96	43.53
November	8.66	7.63	3.24	8.05	2.69	2.66	2.97	3.81	8.70	7.17	55.58
December	5.45	4.41	1.35	5.08	8.92	6.67	5.06	7.11	10.72	7.59	62.36
TOTALS	52.96	48.55	33.86	53.26	44.64	41.97	44.35	59.10	46.25	57.94	482.88
	D	D	D	d	d	d	d	d	d	d	

Inspected 5.3.56 by D. D. Gauge source, footstool in box. Tarnished. M.O. capa measure. Site in clearing among trees. Trees E.40° and S.35° over taller gauge. Recommended van gauge, top tree; that latter is unlikely to be carried out.

Position of Station on Ordnance One-Inch map : No. of Map 189 National Grid Reference 10.14.16.3.29.6

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	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	1931-40	1941-50	1951-60
	1916	✓	✓	✓	✓