

RAINFALL at Fowey St. WillowCounty of CornwallObserver Cornwall County CouncilRiver Basin Fowey + SE Coast Streams 2

Metological Office

7 E. R. 20 per MO (15)

Rain Gauge, by

G. J. Wellington Esq (1916)

Diameter ...							5				
Height							10				
Altitude ...			51				51				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...		1.17	4.00	5.73	.95	4.01	1.41	2.30	4.01	5.01	
February ...	4.48	2.16	3.17	1.21	4.22		5.34	1.50	2.17	4.96	
March	1.46	2.84	4.62	3.63	6.06		2.61	4.04	1.47	4.43	
April	1.69	1.52	.32	4.64	1.50	1.38	1.13	1.68	1.92	3.24	
May	2.10	.65	2.40	3.32	1.19	2.27	1.20	2.25	.90	1.90	
June	3.71	2.48	4.82	.99	2.01	2.08	1.85	2.96	.67	.62	
July	2.96	.88	3.31	.51	4.26	5.19	1.19	1.79	3.95	.70	
August	4.05	1.49	8.32	.32	2.03	1.25	3.68	4.18	2.54	2.55	
September ..	.70	2.61	.70	3.43	3.43	1.36	2.36	1.94	6.57	1.35	
October	5.30	3.49	4.29	3.45	1.62	6.59	6.16	5.46	3.09	1.16	
November ..	6.07	4.77	4.01	4.63	3.46	2.87	5.34	2.13	2.71	3.85	
December ...	5.61	6.69	5.84	3.42	7.19		4.22	1.47		5.71	
TOTALS ...		30.73	45.80	35.28	37.92		36.49	31.70		35.48	

1916 Boger Inn - April

1916 Shrubs 4' high 6' 8" SE + NW

Rejected from Survey as ^{6"} low. 19.12.32.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1916	50° 19' 30" N	4° 38' 45" W	Fowey	1 mi	N.	Fowey	1/4 mi	N

RAINFALL at Fowey.County of CornwallObserver C. J. Wallington Esq.River Basin 2Tron Creek.M.O.

Rain Gauge, by _____

Diameter ...	5										
Height	1.0										
Altitude ...	52					51					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.
January ...	5.22	3.16	4.99	2.84	4.63	5.03	5.67	5.82	6.24	3.10	6.04
February ...	0.68	.31	3.45	6.63	1.42	5.94	2.88	2.78	3.97	3.14	1.69
March	3.65	2.14	3.09	1.94	2.18	.76	.96	3.74	4.86	.46	2.92
April	3.21	.71	3.50	3.44	2.61	2.72	2.57	2.31	2.14	1.04	2.69
May	1.47	1.75	1.70	2.83	3.87	4.45	1.90	.61	1.55	3.06	2.48
June	2.18	.11	1.27	.34	1.92	.05	3.03	2.95	1.59	2.91	.77
July	3.33	.94	3.38	.68	5.35	3.44	.77	3.28	1.66	2.04	2.35
August	0.82	2.08	2.69	1.76	3.06	4.10	1.56	6.64	1.67	2.81	4.38
September...	2.39	.83	2.30	2.51	3.37	3.79	.65	5.80	2.65	.38	5.20
October	4.54	.96	1.30	5.23	8.02	3.37	2.96	2.05	5.25	7.57	4.56
November...	2.29	3.67	1.98	3.61	3.93	3.64	6.70	4.10	3.96	8.54	6.15
December...	3.32	2.33	6.01	3.74	4.52	6.05	.87	4.30	4.14	6.36	3.79
TOTALS...	33.10	18.99	35.66	35.55	45.38	43.34	30.52	44.38	39.68	41.41	43.02
	D	D	D	D	D	D	D	D	D	D	D

1920. Height 4/8 ft. 8 ft. W. 2. N.

1925. " 2 ft high 6 ft E.

Revised from Survey as 1912: 32.Position of Station on reduced Ordnance Survey
Map, 2 miles 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
1920	52° 21'	4° 38' W.	Fowey	3 1/4 m.	N.	Fowey	1 1/4 m.	N.

RAINFALL at Fowey M.W.R.County of Cornwall Observer Town ClerkRiver Basin Fowey & S.E. Coast Streams - 2

Type of Gauge

Annual Average R. in. based on years obs. un-weighted. Period of average Ref.
computed average 38.9 in. based on record 1911-1924
not to be used in B.R. &

Diameter	5.										
Height	1.0.										
Altitude	51.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.32	3.18	2.04	3.85	1.27	6.23	4.84	5.14	6.76	3.01	
February	2.74	.09	3.30	.21	3.53	4.80	2.65	1.78	2.05	4.08	
March	2.99	2.16	3.15	3.31	1.14	4.01	4.60	.42	1.80	2.65	
April	1.97	3.15	2.20	2.79	4.56	2.09	3.34	.08	2.66	2.54	
May	3.38	4.49	2.46	1.26	1.96	1.00	2.83	3.22	1.02	.83	
June	2.69	1.93	2.61	2.27	2.57	1.52	1.74	1.59	3.36	.88	
July	5.36	3.69	2.15	.30	.37	6.81	1.94	3.69	4.84	2.08	
August	4.08	1.08	3.66	3.38	3.47	.68	1.18	6.06	1.95	.09	
September	1.78	4.26	2.32	2.86	3.15	2.23	3.20	2.39	.78	2.16	
October	.99	7.73	4.47	2.65	4.61	1.58		3.56	3.79	2.31	
November	5.95	2.65	1.38	1.69	6.16	4.32		6.91	5.35	6.57	
December	1.65	2.78	2.43	8.84	4.83	3.25		3.83	2.25	4.85	
TOTALS	36.90	37.19	32.17	33.41	37.62	38.62	imp.	38.67	36.61	32.05	

Rejected from Survey as 6" low. 19.12.32.

*Inspected 4.6.37. gauge stands on ground sloping from N. to S. 1 in 4.
Wall 10ft high, 18ft to girth; Rads 7ft high, 18ft to girth.
gauge also surrounded by shrubs, one 10ft away to girth is 12ft high
and the gauge is dated and very old.*

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

Date.	Lst. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 1926

RAINFALL at FOWEY

MWR.

41

County of Cornwall

Observer James Clark

River Basin R. Fowey & S.E. Coast Streams

Type of Gauge

Annual Average Rain. based on years obs. un-weighted. Period of average

Ref

Computed average 33.9 in. based on record 1911-1929
not to be used in BR

File No. 1926

Diameter	5'				3 1/4	1 1/2						
Height	1' 0"					1						
Altitude	51'				94'	41				51'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.78	4.86	4.97	4.30	3.15	1.63	4.37	4.27	1.15	2.27		
February	4.10	.45	1.58	(.90)	4.26	3.52	(2.92)	1.03	1.50	(8.00)		
March	2.31	3.11	.87	.27	1.16	2.61	8.80	1.60	1.97	2.19		
April	1.16	1.47	.80	2.03	(1.30)	1.42	2.92	1.52		2.18		
May	2.21	6.17	4.13	.54	(4.54)	4.70	(2.49)	1.63	2.12	2.17		
June	2.83	.42	1.73	2.63	3.90	3.63	4.41	1.74	1.25	1.39		
July	.82	1.88	3.01	2.88	4.35	2.23	2.39	1.56	2.37	2.95		
August	4.69	2.56	3.25	2.27	2.16	4.27		3.16	1.12	6.33		
September	.50	2.50	4.08	2.08	1.77	5.54		1.29	4.52	5.46		
October	1.72	2.82	3.35	(4.85)	3.29	2.74	(1.96)	4.82		1.73		
November	1.83	1.09	3.01	(7.00)	2.02	6.52	3.43	3.01	5.39	8.15		
December	2.36	3.42	2.71	3.00	5.03	6.33	3.31	6.56	2.43	5.26		
TOTALS	28.31	30.75	33.49	(34.75)	36.98	45.14	n.p.m.p.	35.19	1.12	48.08		

1942 Oct. too low as read. Gauge found to be leaking & site in agricultural grounds margin
3' above. Gauge moved to a higher site. 500 yds S.W. of old one, 94 ft. above sea
Oct. est'd, Feb. & Nov. ph. est'd.

40004

1945 April & May est'd.

1945 Inspected by R.F.M. Hux on 5th July. gauge in plot 50x100 ft. leaking badly 9 min to in.
deformation. Mr. Hux reset gauge. adjusted rim & advised use of tape measure
(New gauge needed soon) Tape measure (N12) obtained 1.44 ft.
Height above sea 2.12 ft.

1949 N.P. inc.

1951 Height of gauge above ground confirmed by obs.

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map

Reference No. 20004

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. 1926
(MWR)

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RAINFALL at Fowey

County of Cornwall

Observer Town Clerk

River Basin Fowey, S.E. Coast Stream 2

Type of Gauge.....

Annual Average R in, based on years obs. un-weighted. Period of average..... Ref.....

Computed average 33.9 in. based on record 1911-1939
not to be used - B.R.

File No. E.2.1855/18

Diameter ...	5"				377	103					
Height ...	1' 0"										
Altitude ...	51'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...		3.50	.92	1.24	3.86	3.33	1.57	4.87	5.36	4.26	
February ...	4.40	.87	1.58	3.87	3.42	1.17	3.56	4.51	.35	3.72	
March ...	4.81	3.70	.79	2.67	.91	1.40	2.91	3.18	4.64	3.43	
April ...		2.66	1.89	.35	1.02	1.06	.35	.98	2.88	3.00	
May ...		2.24	2.70	2.63	2.84	.74	2.77	3.13	1.27	1.91	
June79	1.65	2.28	1.41	1.77	2.78	3.26	.77	1.32	
July98	2.78	3.02	.62	4.52	3.95	3.25	1.67	4.01	
August ...		3.32	1.60	2.22	.47	3.48	3.40	6.32	5.13	2.47	
September ...		3.45	3.21	2.75	1.28	3.91	3.11	5.46	.09	4.48	
October ...		4.54	1.96	2.73	2.17	1.77	2.71	2.57	6.81	6.91	
November ...		3.59	1.90	5.09	2.04	1.25	2.35	2.53	6.75	5.36	
December ...		4.24	.76	3.29	4.82	3.36	2.31	5.54	7.42	4.43	
TOTALS ...		33.88	21.74	32.14	25.36	27.76	31.77	46.00	43.14	45.30	
	NP.	NP	NP	NP	NP	NP	NP	NP	NP	NP	

1951 M.I. Imp.

1952 NP Low

Imp. 1955, May: Rain-gauge & instrument in satisfactory condition.
Borr. asked to have water can soldered to close leaks.
Imp. 11. Scummed 10.7.52. Site in garden of hotel unsatisfactory because of shrubs & buildings. Fixed bridge 3'6" high.
2' wide, 2' deep. Site cannot be improved by cutting shrubs. Run new pipe recommended in headwater garden at garden should better but not ideal.

1953 NP Low

1955 NP Low

1956 NP Low. 1957. Gauge overhauled & re-soldered end of May '57. Significant improvement noted in June-Aug. readings acceptable for MWR Organ.

1957 NP Low

1958 NP Low

1959 NP Low

1960 NP Low

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference 2420123514

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	11-19, 16, 17, 19 - 11-14, 16, 17, 19	✓ ✓	31-36, 38-40 ✓	41-46, 48, 50 ✓ best d 44	