

10 1926

RAINFALL at Fowey St Willow

County of Cornwall

Observer Cornwall County Council

River Basin Fowey & S.E. Coast Streams 2

Metereological Office

Rain Gauge, by

F.J. Wellington Esq (1916)

7 E. Ross per MO (15)

Diameter ...							5			
Height							1 0			
Altitude ...			51				51			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	1.17	4.00	5.73	.95	4.01	1.44	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	.86	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	8.09	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 ...	3073	45.80	35.28	37.92		36.49	31.70		35.48	

for Roger Jan - April
1916 Shrubbs 4' high 6' 8" SE & NW

Rejected from Survey as ~~too~~ low. 19.12.82.

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	1/2 mi	N

1926
20RAINFALL at Towcey.County of CornwallObserver C. J. Wellington Esq.River Basin 2

Town Clerk.

M.O. Rain Gauge, by _____

Diameter ...	5											
Height	1.0											
Altitude ...	52					51						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	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	1.34	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	3.87	3.79	.65	5.80	2.65	.38	5.20	
October	4.54	.96	1.30	5.23	8.02	3.37	2.96	2.06	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	44.33	39.68	41.41	43.02	
	0	0	0	0	0	0	0	0	0	0	0	

1920. Hub. 4/8 ft. 8^{ft.} w.e.w.

1925. " 2 ft high 6 ft E

Relevel from Survey as 10^{ft} low. 19/12/32.

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	Parish Church.	Distance from gauge	Direction
1920	50° 21' 40" N.	4° 8' W.	Towcey	3/4 m. N.		Towcey	1/4 m. N.	

RAINFALL at Fowey

M.W.R.

County of Cornwall.....

Observer Town Clerk.....

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

Type of Gauge.....

R.

Annual Average in. based on years obs. un-weighted. Period of average..... Ref.....
computed average 38.9 in. Based on record 1911-1929
not to be used in B.R. y.

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	38.67	36.61	32.05		
	D	D	D	D	D	D	D	D	D	D	D

*Rejected from Survey as 6" low. 1911-1929.**Rejected 4.6.37. Gauge stands on good dry slopes from N. to S. 1 in 4.**Wall 10 ft. high, 18 ft. to south; Ridge 7 ft. high, 18 ft. behind
gauge also surrounded by shrubs, one mile away to south is 12 ft. high
and the gauge is death and very old.*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

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

Station No. 1926

M.W.R.

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RAINFALL at FOWEY

County of Cornwall Observer James Clark

River Basin 2- Fowey + SE Coast Streams

Type of Gauge

Annual Average ... in. based on ... years obs. un-weighted. Period of average ...
 Completed average 33.9 in. based on record 1911-1929
 not to be used in BR.

Ref File No. 2004

Diameter	5"				371	123					
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	7.27	1.15	2.27	
February	4.10	4.45	1.58 (1.90)	4.26	3.52	(2.92)	1.03	1.50	(8.00)		
March	2.31	3.11	1.87	2.27	1.16	2.61	3.80	1.60	1.97	2.19	
April	1.16	1.47	1.80	2.03 (1.30)	1.42	2.92	1.52	2.02	2.18		
May	2.21	6.17	4.13	5.44	(4.59)	4.70	(2.99)	1.63	2.12	2.17	
June	2.83	4.42	1.73	2.63	3.90	3.63	4.41	1.74	1.26	1.39	
July	1.82	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	4.62	5.46		
October	1.72	2.82	3.35 (4.85)	3.29	2.74	(1.96)	1.82		1.73		
November	1.83	1.09	3.01 (9.00)	2.02	6.52	3.43	3.01	5.59	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	30.99	35.19	148.08		
	D	D	D	D	D	P	P	D	D		

1944 Oct. 16 low as read. Gauge found to be leaking & site in vegetated ground margin
 3 shrubs gauge moved to a temporary site 500 yds S.E. of old one, 9ft. above sea
 Oct 2nd, Feb. 4 Nov. 10. pt. est'd.
 40004

1945 April + May est'd.

1946 Inspected by R.F.M. Hay on 5th July, gauge in plot 50x100ft. leaking badly 9 min 4 in.
 deformation. Mr. Hay reset gauge, adjusted rim + advised use of tape measure
 (New gauge needed soon)
 New 5 ft. sleeve 2.12.49.

1949 N.H. inc.

20064 06004

1951 Height of gauge above ground confirmed by obs.

Temp of Sun +
 people of Sun +
 Dr. '44 accepted
 as fairly
 20064 06004

Position of Station on reduced Ordnance Survey Map, No. of Map ... Reference No. 0001-0001

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

BRITISH RAINFALL ORGANIZATION

(4486-90) WL 47525-4471 12,000 2/40 T.S. 700
 * Gauge moved 15'. Moved back 14'.

Station No. 1926
(M.W.R.)

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RAINFALL at Fowey

County of Cornwall

Observer Town Clerk

River Basin Fowey & SE Coast Streams: 2

Type of Gauge.

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

Computed average 33.9 in. based on record 1911-1924

not to be used in B.C.

File No. E21855/18

Diameter	5"				377	123					
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	1.51	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	9.1	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	
June		.79	1.65	2.28	1.91	1.77	2.78	3.26	.77	1.32	
July		.98	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	2.93	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									

1951 NP low.

1952 NP low

Imp. 1st September 10.7.52. Site in garden of hotel unsatisfactory because of shrubs & buildings. Present hedge 3' 6" high, 2' wide, 2' away. If site cannot be improved by cutting shrubs then new site recommended in headwaters garden at grammar school (better but not ideal).

1953 NP low.

1955 NP low. 1956 - NP low. 1957. Gauge over hedge resoldered end of May 75%. Significant improvement noted in June-August readings accepted for M.W.R. (again)

Dec 1953 G. moved 20' to more open position.

1958 NP low

1959 NP low

1960 NP low.

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, 18, 19	✓ ✓	31-36, 38-40 ✓	41-46, 48, 50 ✓ best d 44	