

1943/5
20

RAINFALL at St. Mellion, Ellbridge

County of _____

Observer H. W. Abbiess, Esq. (short. hupt.)
L. E. Granger (obs.)

River Basin _____

Rain Gauge, by

Diameter ...											
Height											
Altitude ...										200	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...										3.03	7.75
February ...										2.15	2.40
March51	3.10
April.....										.91	2.95
May										3.85	4.00
June										3.23	1.13
July									1.33	1.70	2.81
August									2.21	3.27	5.68
September...									1.99	.44	6.47
October.....									7.67	7.33	4.63
November...									5.00	13.73	7.13
December...									4.76	8.89	5.12
TOTALS...									116.49.04	53.17	

Impressed Dec 1978 no suitable spot for rain gauge.
1979 N.P. Sime low.

1929 N.P. Sims low.

1930 N.P. too low. Gauge moved to new position selected by Inspector on 1/11/20

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

30th May
RAINFALL at Gillbridge Experimental Station) M.W.R.

County of Cornwall. Observer Horticultural Superintendent

River Basin 3 - Tamar &c.

Type of Gauge M.O.

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

Diameter	5"										
Height	1' 0"										
Altitude	200'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.30	5.92	3.87	5.11	1.20	8.04	7.63	7.05	7.20	3.41	53.75
February	3.59	0.02	4.23	1.19	4.61	4.81	9.80	1.81	2.57	6.79	38.42
March	1.89	2.48	5.05	3.91	1.15	6.03	5.46	2.7	1.66	4.48	31.38
April	2.60	3.20	3.14	2.86	5.55	2.25	3.34	0.4	2.59	2.92	28.49
May	4.77	5.61	1.79	1.42	1.71	1.59	3.27	3.88	1.28	2.23	26.55
June	3.93	3.66	2.18	2.24	4.17	1.41	1.15	1.49	3.88	1.78	24.89
July	5.35	3.49	2.95	.68	4.44	8.35	1.98	3.46	7.84	3.00	37.54
August	4.14	1.89	3.79	5.06	3.00	1.76	1.86	4.37	2.75	1.15	27.76
September	1.93	5.45	1.93	1.80	5.00	2.07	3.31	2.80	6.14	2.21	27.14
October	.99	9.09	4.95	3.37	6.43	1.60	3.62	5.73	4.15	4.18	44.11
November	3.86	3.28	1.67	1.34	8.98	4.30	2.88	8.80	9.41	9.30	58.72
December	2.41	4.01	3.03	16.31	5.74	5.47	5.24	4.72	3.58	5.88	56.39
TOTALS	44.76	48.12	38.48	44.29	47.98	44.67	49.54	44.42	47.55	45.33	455.14

1931 no low

1932 Turf wall erected 8/11. Gauge has been moved about 8 yds. W since previous inspection (1930). Turf wall not standard. To be reconstructed 1937 defected w.v.s. Apple tree 10ft high 12ft root with branch with info gauge 10ft S. number of feet to be put in Anton and will be semi annual hills. If gauge to contract type from N.G.S.

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

Station No. 1943/5

RAINFALL at 8^t Million (Elbridge Experimental Sta.) S 41
MWR

County of Cornwall Observer Horticultural Superintendent

River Basin 3 - Tamar &c

Type of Gauge M.O.

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

File No.

Diameter	5"				374	086					
Height	1' 0"					1					
Altitude	200'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Sum Means
January	4.97	6.09	9.47	4.36	3.66	6.59	4.75	9.82	1.57	1.67	53.05
February	5.91	4.48	2.67	1.14	4.10	4.53	1.83	2.26	2.13	7.70	32.75
March	4.24	4.32	1.29	1.33	1.69	2.87	8.88	2.24	1.67	2.64	30.17
April	1.11	2.26	1.42	2.88	1.52	1.43	3.69	2.48	2.20	2.96	21.95
May	2.63	7.00	5.31	1.00	4.91	5.10	3.06	2.56	2.98	1.92	36.47
June	3.22	.51	1.75	4.08	5.68	3.79	3.97	2.44	.79	1.85	28.08
July	1.09	4.32	3.82	4.78	3.33	1.97	3.37	1.63	2.83	4.76	31.90
August	6.00	5.93	4.41	4.06	2.79	5.57	1.10	4.01	1.74	7.70	43.31
September	.62	3.62	4.88	3.58	2.01	8.16	2.32	2.30	5.24	6.47	39.20
October	2.19	3.08	5.85	6.12	5.82	3.84	2.05	5.71	9.27	2.44	46.37
November	3.21	1.23	3.16	10.22	1.01	7.78	3.85	2.55	6.26	8.35	47.62
December	4.47	7.73	4.65	4.48	7.94	6.57	4.08	7.12	2.53	5.40	54.97
TOTALS	39.66	46.57	48.68	47.03	44.46	58.20	42.95	46.22	39.21	53.86	465.84

Having just been exposed to more gauge 10' E & to reconstruct turf wall
suspected P.F. likely 2/10/50. Gauge leaking. Sheltered by W. Tree to be felled & new gauge
2/10/50. Recommendations above carried out.

5 Turf wall round gaugePosition 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

RAINFALL at St Mellion (Killbridge Exptg Sta.) (MWR) 51
 County of Cornwall observer Horticultural Sept.
 River Basin Tamar & E-Z
 Type of Gauge M.O.

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

File No. E 22058/18

Diameter	5"		374.086			5"					
Height	1' 0"					1' 0"					
Altitude	200'					190'					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	5-year Means
January	5.10	5.32	1.29	2.32	6.02	4.56	4.05	5.67	6.28	5.51	46.12
February	4.83	1.18	2.14	5.97	3.99	4.40	6.18	4.30	2.28	4.35	33.62
March	6.78	4.55	1.06	4.55	1.70	2.15	5.26	1.96	5.78	2.85	36.64
April	2.75	4.24	2.68	.68	1.69	1.08	.18	.88	4.67	3.24	22.09
May	3.51	2.89	4.69	3.49	3.88	1.11	2.61	4.28	1.10	2.18	29.74
June	1.29	1.15	2.81	4.46	2.84	2.91	2.09	4.02	1.78	1.53	24.88
July	2.48	1.48	4.00	3.35	1.81	5.00	3.48	4.06	1.36	5.36	32.38
August	6.64	7.02	2.44	4.26	.09	4.53	3.45	6.68	2.60	3.68	41.39
September	5.36	3.27	5.49	5.62	1.79	7.07	4.65	5.40	.10	5.33	44.08
October	1.74	6.37	4.62	4.29	2.83	2.34	3.17	3.83	5.41	8.80	43.40
November	7.34	3.52	3.38	8.72	4.80	1.95	2.36	2.97	9.18	7.46	51.68
December	4.45	4.33	1.12	4.72	1.19	7.59	2.81	6.17	9.63	5.29	53.30
TOTALS	52.27	45.32	35.72	52.43	38.63	40.69	40.29	50.22	48.17	55.58	459.32
	D	D	D	D	D	D	D	D	D	D	D

Imp. H. Hogg 11/54. Q. Sound. trees 12' to W+E (10' high) to be removed. Turf wall to be levelled up
 land to rear of gauge. (Path does not allow for retaking levelslope)
 1958 Imp. H. Hogg. Site moved about 80' ESE - Turf wall to be considered.
 Imp. 13.5.60. H. Hogg. Satisfactory.

St turf wall round gauge.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference EX(20) 40(632)

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		Cimp. 1929	✓	✓	✓	✓