

RAINFALL at South Brent DidworthyCounty of South DevonObserver W.B. Livermore EsqRiver Basin Em + C 3

Rain Gauge, by _____

Diameter ...											
Height											
Altitude ...	680?										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	8.52										
February ...	10.64										
March	1.65										
April	3.88										
May	4.63										
June	2.71										
July	6.40										
August	8.19										
September ..	.45										
October ...	9.58										
November ..	9.86										
December ...	13.03										
TOTALS ...	79.54										

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

RAINFALL at South Brent, Didworthy Sanatorium.County of South DevonObserver A. T. Bettinson.River Basin Exm v. 6. 3.

(Resident Medical Officer)

Rain Gauge, by _____

Diameter ...								5"			
Height								1'			
Altitude ...								675'			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...								8.86	16.41	5.13	10.04
February ...								5.53	5.31	4.39	2.73
March								7.24	7.17	1.13	3.58
April								3.90	3.68	.62	4.22
May88	1.68	4.29	2.20
June								4.65	3.43	3.03	1.29
July								7.75	2.68	2.54	3.85
August								7.26	3.30	5.03	6.76
September...								9.56	2.24	.43	7.72
October								6.65	9.35	7.49	6.90
November...								6.70	7.85	16.94	(9.33)
December...								(7.63)	6.59	11.79	6.22
TOTALS...								76.61	69.69	62.81	64.84
								D	D	D	D

Gauge in field

1929 Low up to 15-20 ins low.

1930 not printed, Sun Recorder + Wood Readings 6 ft. high 12 ft. N.

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	Direction
1927.			Brent.	2 miles	SW.	Brent.	2 miles	SW.

RAINFALL at Brent (Sidworthy Sanatorium)County of S. DevonObserver The Medical Officer.River Basin S. Exe & C.Type of Gauge M.O.Annual Average in. based on years obs. un-weighted. Period of average Ref.

820667/28.

Diameter	5"										
Height	1' 0"										
Altitude	675'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.78	12.13	(4.50)	7.58	1.18	11.51	11.43	12.10	12.17	5.34	84.72
February	6.33	.05	(7.57)	.22	6.62	5.81	12.47	3.11	4.99	9.31	56.48
March	3.70	4.70	8.06	5.76	1.69	7.22	4.28	.76	3.28	6.10	50.65
April	5.57	6.93	5.08	5.88	8.80	4.55	6.87	.21	3.95	3.81	51.65
May	4.86	6.35	3.18	1.77	2.81	1.10	4.45	6.40	1.22	2.29	34.43
June	7.32	6.43	2.74	2.77	7.35	2.06	2.00	2.21	5.25	.94	39.07
July	8.81	4.56	5.94	1.22	.75	10.80	2.87	4.67	12.87	3.72	56.21
August	6.41	2.57	2.28	6.89	3.13	.51	1.72	9.32	5.23	.21	38.27
September	2.46	9.46	3.12	7.14	8.84	5.03	3.94	3.40	0.88	2.78	47.05
October	1.72	(14.89)	5.48	5.89	7.77	2.54	4.19	9.96	10.42	7.45	70.31
November	12.70	(5.49)	1.86	3.45	9.50	6.80	5.80	12.44	18.22	14.78	91.04
December	4.44	(6.75)	3.27	24.10	11.15	9.38	6.96	7.80	4.36	7.13	85.34
TOTALS	71.10 2.48	80.31	(58.08)	72.67	69.59	67.31	72.08	72.38	82.84	63.86	705.22

1931 N.P. "We are not sure that this record is reliable"

Unable to continue owing to economy of staff. (21/12/32).

1933 Mr. H.V. Pigg arranged for continuation. Jan's part Feb. estimated by surrounding data.

1935 Tree 20' high 18 yds NW; Hedge 10' high 18 yds W.

1939 up too many adjustments.

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 Direction from gauge	Parish Church.	Distance Direction from gauge
1935			Brent	1 1/2 mile S	Brent	1 1/2 mile S.

RAINFALL at South Brent (Didworthy Sanatorium)Station No. 1678/5

41

County of S. DevonObserver The Medical OfficerRiver Basin Exe & C. - 3per G. H. Ivory & Pauliers (1947)Type of Gauge M.O.Annual Average * in. based on years obs. un-weighted. Period of average Ref. File No. 820607/28

Diameter	5"				306	004					
Height	1'0"										
Altitude	675'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	7-Means
January	7.85	9.39	14.19	8.11	(5.08)	(9.00)	7.29	15.06	3.33	3.47	82.77
February	8.53	.43	3.81	2.00	7.21	6.73	(3.50)	4.18	4.12	11.88	52.39
March	6.51	7.18	2.08	.32	3.35	4.65	15.96	(4.60)	2.69	5.82	53.05
April	1.48	3.47	2.58	4.76	1.90	3.70	5.81	4.03	3.60	4.65	35.88
May	4.05	9.60	(7.00)	1.06	5.02	6.88	3.91	3.21	5.60	3.70	50.03
June	2.77	.40	(2.95)	4.34	7.69	7.07	5.51	4.22	1.22	2.17	38.44
July	1.94	3.64	5.15	6.44	4.38	3.62	5.14	3.73	2.43	9.24	45.71
August	8.71	6.83	6.05	4.43	4.61	8.67	2.26	6.46	1.80	9.24	59.06
September	.51	5.55	6.92	4.07	5.99	11.20	4.60	5.14	5.36	10.52	59.84
October	3.21	6.01	6.87	8.53	7.58	3.96	2.21	7.02	11.67	3.83	60.89
November	4.31	1.73	4.18	13.27	(1.23)	14.51	7.41	4.65	8.73	12.16	72.20
December	6.80	10.33	5.46	6.76	(10.00)	8.98	6.39	11.86	6.29	8.50	81.37
TOTALS	56.67	64.56	67.24	64.09	(64.06)	88.97	69.99	72.16	56.71	85.18	691.63
	<u>d.</u>	<u>d.</u>	<u>d.</u>	<u>d.</u>	<u>d.</u>	<u>d.</u>	<u>d.</u>	<u>d.</u>	<u>d.</u>	<u>d.</u>	<u>d.</u>

1941. March 1-3, May 28-29, Dec 11 cold from nearby stations.

Tree 20' high 18 yds N.W. Hedge 10' high 15 yds W.

1943 May extra. by ex. to wind. strus. 1944 Hedge 4' high 12' W.

1945 Jan pt. 2nd, pt. view & Dec solid.

1948 March etc.

03004

40034

40004

20004

10004

* Average 762.8 worked up on 11 yrs. (P.B. 495) into S. Devon, but is not adopted for G.R. as some of the stations included are barely estimated. (10/45).

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			S. Brent	2 miles	S.	S. Brent	2 miles	S.

RAINFALL at South Brent (Dedworthy Sanatorium) Station No. 1678/5 51
 County of S. Devon Observer The Medical Officer (per G.H. Wooty & Pro.)
 River Basin Em & C-3 Medical Department
 Type of Gauge M.O.

Annual Average ^{*} in. based on years obs. un-weighted. Period of average. Ref.
7063 24 within 1933-57 1916-50 5
 File No. 820667/28

Diameter	...	5"				366	004						
Height	...	11' 0"				1				10'			
Altitude	...	675'				51				750'			
Year	...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	...	7.72	6.65	1.92	3.76	9.29	8.42	8.71	10.65	14.15	8.27	79.54	
February	...	6.64	.92	3.28	7.75	5.69	.94	9.23	7.44	.90	8.37	51.16	
March	...	7.13	7.55	1.64	5.52	2.65	2.61	10.23	4.30	8.55	5.86	56.04	
April	...	3.95	5.68	4.00	1.69	2.86	1.71	.94	2.53	7.13	5.53	36.02	
May	...	3.30	3.53	6.41	4.94	7.21	2.07	3.90	6.25	2.26	2.98	42.85	
June	...	1.99	3.06	3.51	6.07	5.96	4.20	2.95	5.39	3.08	2.92	39.13	
July	...	2.25	2.79	6.95	7.58	2.24	7.14	7.94	5.83	2.24	7.67	52.63	
August	...	12.01	8.00	4.58	4.96	.73	6.08	6.51	9.40	3.00	6.46	61.73	
September	...	7.22	6.44	6.12	10.00	2.64	13.26	8.42	10.50	.46	10.27	75.33	
October	...	1.85	9.44	4.97	8.38	4.27	3.19	7.05	8.23	6.89	13.47	67.74	
November	...	11.99	7.41	4.68	13.86	8.24	2.40	3.59	5.53	12.10	11.56	81.36	
December	...	7.66	5.56	1.28	7.83	12.17	9.84	7.44	8.25	16.91	8.35	85.29	
TOTALS	...	73.71	67.03	49.54	82.34	63.95	61.86	76.91	84.30	77.67	91.71	728.82	
		D	D	D	D	D	D	D	D	D	D	D	

Note: The 1951 B.O.M. Outcrop survey of 9.9 in 2 ft. Survey. Site on contour W-N. Now the rest of Height estimated to be 750'. Table checked.

7/41

An average of 62.8" worked up on 1950 total (P.B. 495) fits survey, but is not adopted for B.R. as some of the totals utilized are largely estimated 10/45

Position of Station on Ordnance One-Inch map: No. of Map 197 National Grid Reference 58.68.62.1

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
		C1927 n.p. 230	31, 32-40 n.p. 31, 39	✓	✓
		✓	✓ last d 33.37, 40	✓	✓
			✓ last -34.35	✓	✓