

RAINFALL AT Didurthy South Brent

Lat.

London.

County of San Mateo

Rain Gauge, by

Observer Mrs [M. S.] Wylie

Epm and C.-3

RAINFALL at South Brent Didworthy

County of South Devon

Observer W.B. Livermore Eng

River Basin Erosion + C 3

Rain Gauge, by

1678/5.

20

RAINFALL at South Brent, Didworthy Sanatorium.

County of South Devon

Observer

A. J. Bettinson.

River Basin Form & 3.

(Resident Medical Officer)

Rain Gauge, by

Diameter ...							5"			
Height							1'			
Altitude ...							675'			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	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

Gauge in field

1929 Low in 15-20 ins low.

1930 New mounted Sun Recorder + Wood Paling 6 ft. high 12 ft. N.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1927.			Brent.	2 miles	S.W.	Brent.	2 miles	S.W.

RAINFALL at South Brent (Didurworthy Sanatorium)

County of S. Devon.

Observer The Medical Officer.

River Basin 3 - Penn C.

Type of Gauge M.G.

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

820667/28

Diameter	5"	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean
Height	1' 0"											
Altitude	675'											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	6.78	12.13	(4.60)	7.58	1.18	11.51	11.43	12.10	12.17	5.34	84.72	
February	6.33	.05	(7.57)	2.22	6.62	5.81	12.27	3.11	4.99	9.31	56.48	
March	3.70	4.70	8.06	5.76	1.69	7.22	9.28	.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	2.45	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	2.19	9.96	10.42	7.45	70.31	
November	12.70	(15.49)	1.86	3.45	9.60	6.80	5.80	12.44	18.22	14.78	91.04	
December	4.44	(6.75)	3.27	2.10	11.15	9.38	6.96	7.80	14.36	7.13	85.34	
TOTALS	71.10	80.31	(58.08)	72.67	69.59	67.31	72.08	72.38	82.84	63.86	705.22	
	20.89		2		d		d	2	7.50	d		

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

Unable to continue owing to economy of staff. (21/12/31).

1933 Mr. H.V. Pigg arranged for continuation. Jan & part Feb estimated by surrounding sites.

1935 Tree 26' high 18 yds NW; Hedge 10' high 18 yds W.

1939 up too many adjustments.

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

Station No.

16785

RAINFALL at South Brent (Didworthy Sanatorium)

41

County of S. Devon

Observer The Medical Officer

River Basin Exe & C - 3

per G. H. Doory & Parfitts (1941)

Type of Gauge M.O.

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

Ref.

File No. 820607/28

Diameter	5"				366	004					
Height	1'0"										
Altitude	675'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	T 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)	2.68	5.82	53.05
April	1.48	3.47	2.58	4.76	1.90	3.70	5.81	4.03	3.50	4.65	35.88
May	4.05	9.60	(7.00)	1.06	5.02	6.88	3.91	3.81	5.60	3.70	50.03
June	2.77	.40	(2.95)	4.34	7.69	7.07	5.51	4.82	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	5.34	10.52	59.87
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	(1.25)	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)	8897	69.99	74.16	56.71	85.18	691.63
	d	d	d	d	d	D	D	D	D	D	D

1941. March 1-3, May 28-29, Dec 11 cont'd from nearby stations.
Tree 20' high 18'rd N.W. Hedge 10' high 18'rd W.
1943 May estd. by ref. to wind. stns. 1944 Hedge 4' high 12' W.
June Past " 1945 Jan Pt. estd. Pt. Nov e Dec estd.
1948 March est.

03004 40034 40004 20004 10004

* An average of 62.8 worked up on Hydrograph (P.B. 425) fits Survey, but is not adopted for G.R. as some of the figures utilized are largely 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	Parish Church.	Distance from gauge	Direction
1941			S. Brent	2 miles	S.	S. Brent	2 miles	S.

Station No. 16785

RAINFALL at South Brent (Didurthy Seatorium)

51

County of S. Devon

Observer The Medical Officer (per G.H.W. & Pro.)

River Basin. Exmoor C-3

Medical Superintendent

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
 File No. 82066728

Diameter	5"			366	004							
Height	1' 0"					1					10'	
Altitude	675'					71					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		

Hub II 1959, B.D.K. Outer casting off in 2 pieces. Site on surface W-N. New site rec'd Height estimated to be 780'. Take charted.

7/11

An average of 62.8" worked up on 11 yrs total (P.B. 495) fits survey, but is not adopted for B.L. as some of our totals utilized are (largely estimated) w/65

Position of Station on Ordnance One-Inch map : No. of Map 187 National Grid Reference 5162816211

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	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
		c 1927 n.p. 2930	31, 33-40 n.p. 31, 39	✓ ✓ last d 32, 36, 37, 40 ✓ last d -34, 35	✓ ✓ last d 41-45	