

1802

RAINFALL AT *Budleigh Salterton Squalmoor 2 1/2 miles E of S.*

Lat.

Lon.

County of *S. Devon*

Rain Gauge, by

Observer *S. Hutton Esq. C.E.**One - 7*

Diameter ..				5							
Height				10							
Altitude ..				267							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..		2.62		3.59	4.36	1.26	5.41	.94	.83	1.40	
March ....		.56		1.77	6.37	.80	3.26	1.40	1.53	.42	
April		3.51		3.62	1.81	4.40	1.18	.64	3.07	4.83	
May		2.80		1.94	1.04	3.02	1.52	4.55	2.61	1.70	
June	1.78	.94		4.08	2.91	.87	2.53	2.67	2.15	1.02	
July	2.52	1.46		2.50	1.12	2.54	2.30	2.11	.48	3.18	
August ....	.32	3.53		3.45	5.31	.47	1.04	1.50	1.67	2.62	
September ..	1.99	.77		3.34	2.87	3.62	1.35	1.35	3.17	1.89	
October ....	.85	3.37		3.62	1.60	1.61	1.09	.67	2.52	1.73	
November ..	1.66	1.26		6.59	1.89	2.42	4.69	6.56	2.81	5.64	
December ..	3.66	.65		1.55	1.45	4.59	2.54	2.77	1.16	.39	
TOTALS ..	4.96	5.72		3.50	2.82	.82	1.43	4.89	3.22	5.03	
		27.19		39.55	33.25	26.42	28.34	30.05	25.22	29.85	

1903 all Saints Church 1 3/4 miles NE
 East Budleigh Station 2 1/2 miles NE

RAINFALL at Burdley Salterton SquabonCounty of South DevonObserver S. Hutton Esq. C.E.River Basin Axe + C 7J. W. Bonfield Esq. C.E.

Rain Gauge, by

Diameter ...	5										
Height	1 0										
Altitude ...	267							380			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.28	1.10	4.02	7.31	.71	2.63	.90	1.02	4.01	5.29	
February ...	4.45	1.29	3.43	1.09	3.91	5.93	5.53	1.28	1.43	6.03	
March .....	.64	2.65	4.51	3.23	4.51	.65	3.73	3.85	1.20	4.51	
April	2.14	1.35	.11	3.67	1.30	.66	.45	1.47	2.11	1.87	
May	2.61	1.03	1.86	3.29	1.75	2.46	2.01	1.86	1.26	.78	
June	2.09	2.44	5.88	.45	1.61	2.25	1.58	2.18	.99	1.04	
July	2.84	.62	2.12	.63	4.63	3.46	1.17	3.07	4.29	1.93	
August	4.27	.68	6.75	1.86	2.36	2.58	5.61	5.03	2.57	3.51	
September ..	.33	1.46	.97	2.57	2.76	.90	3.54	1.66	5.95	2.07	
October	3.59	4.16	4.80	3.68	2.92	6.64	5.44	3.48	1.78	1.68	
November ...	4.31	3.90	1.68	2.89	3.92	2.64	4.90	1.65	3.38	2.47	
December ...	6.23	9.14	4.55	2.42	8.52	7.97	4.23	1.00	3.81	4.62	
TOTALS ...	36.78	29.82	40.68	34.09	38.90	38.77	39.09	27.55	32.68	35.80	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Burdley Salterton	1 3/4 m	SE	St. Burdley	1 3/4 m	NE

RAINFALL at Budleigh Salterton (Equal-clot).County of South Devon.Observer S. Hutton, Esq. F.R.S.River Basin 67Water Engf. Exmouth

Rain Gauge, by _____

Diameter ...	5										
Height	1.0										
Altitude ...	267										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means
January ...	4.75	2.87	4.82	1.74	4.07	5.13	4.30	3.89	4.71	2.08	5.07
February ...	6.1	3.2	2.86	6.71	1.57	3.99	2.80	3.28	2.63	2.06	1.43
March	3.26	2.01	3.53	1.49	1.39	2.8	3.4	3.78	3.51	1.6	2.70
April	3.94	86	2.99	2.73	2.75	2.77	2.93	1.94	1.34	1.04	3.54
May	1.46	1.95	74	1.50	4.10	4.44	67	4.7	1.47	2.69	1.66
June	2.23	46	57	39	3.32	1.3	3.73	2.20	1.73	2.62	2.1
July	3.99	53	3.87	82	4.61	2.44	1.41	4.30	1.16	1.51	1.92
August	7.9	2.32	3.42	2.36	3.72	1.68	1.12	2.95	1.97	1.86	3.61
September...	1.12	62	3.15	2.63	5.78	3.87	1.35	6.03	1.74	3.4	5.43
October	2.78	96	1.43	4.62	6.44	4.26	2.56	2.30	5.20	4.91	3.30
November...	2.00	3.71	2.46	2.13	3.35	2.69	8.48	3.11	3.98	10.65	5.63
December...	4.43	1.52	5.54	2.90	4.25	4.75	70	4.76	2.62	3.22	4.22
TOTALS...	31.35	18.13	35.38	30.02	45.35	36.43	30.39	39.01	32.16	38.14	38.72

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
			<u>B. Salterton</u>	<u>1 3/4 m.</u>	<u>S.E.</u>	<u>E. Budleigh</u>	<u>1 1/2 mile</u>	<u>N.E.</u>

RAINFALL at Budleigh Salterton (Squabmoor)County of South DevonshireObserver S. Hutton, Esq. C.E.River Basin Axe & C. - 7The Engineer, V.D.C. (1937)

Type of Gauge

Annual Average 31.9 in. based on 25 years obs. un-weighted. Period of average 1881/1915 Ref. S353125/35 660290/26

Diameter	5.										
Height	1.0.										
Altitude	267.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.84	3.28	2.76	2.72	0.50	5.57	3.70	2.81	5.72	.87	
February	2.31	.01	4.33	.17	3.45	2.97	6.15	.74	1.24	3.35	
March	1.92	2.51	3.42	2.80	1.28	4.18	4.90	.12	1.57	2.39	
April	2.35	2.29	1.95	2.94	3.33	2.25	2.85	.19	1.77	1.83	
May	3.05	4.36	1.94	1.11	2.07	.71	3.14	2.00	.77	1.97	
June	3.58	3.93	2.41	1.77	3.36	1.87	.73	1.16	2.68	.12	
July	4.41	2.31	2.62	.41	0.38	4.57	2.86	3.54	5.39	.10	
August	3.47	2.73	1.28	2.70	2.50	.15	1.55	4.63	3.77	-	
September	1.77	5.29	2.40	1.92	2.56	2.98	2.63	.91	1.58	1.15	
October	.36	6.29	2.86	2.07	3.96	.90	3.07	2.84	3.78	2.24	
November	6.82	2.45	1.36	1.84	5.89	2.42	1.86	5.51	5.62	3.63	
December	1.72	2.61	3.07	9.25	4.76	3.43	2.70	4.31	1.34	1.61	
TOTALS	35.60	38.06	30.40	29.70	34.04	32.00	37.84	28.76	35.25	19.26	np.

1940 wp low.

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	Direction from gauge
1931			A. Salterton	2m.	SE	St. John's, Witleycombe	1m.	W. S.W.

Station No. 1892

RAINFALL at Budleigh Salterton (Squabonary)

41

County of South Devonshire Observer The Engineer Exmouth U.D.C.

River Basin Axe & C - 7

Type of Gauge

Annual Average 31.9 in. based on 25 years obs. un-weighted. Period of average 1891-1915 Ref. S

File No. 383125/35

Diameter	5"				354	840					
Height	1' 0"					1					
Altitude	267'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(5.00)	4.03	7.31	1.36	(2.81)	2.45	2.80	5.76	74	.77	
February	3.02	.25	1.41	.35	1.80	1.87	1.89	.91	1.32	5.19	
March	1.83	3.11	1.27	.06	.59	2.13	8.16	.68	1.66	1.19	
April	1.09	1.80	.94	1.81	.40	1.25	2.09	2.41	1.42	1.69	
May	1.27	5.75	2.12	(.45)	3.24	4.09	3.17	2.31	2.51	2.15	
June	2.06	.76	1.20	(1.80)	2.76	1.98	2.35	1.89	.70	1.02	
July	.34	1.72	.100	(2.56)	1.82	1.03	2.49	1.11	1.78	4.29	
August	2.66	3.50	.100	(4.36)	1.25	3.44	.18	3.43	.93	5.35	
September	1.14	2.60	.100	2.07	3.58	3.89	1.83	1.13	3.93	4.11	
October	2.03	3.88	4.00	(4.34)	3.26	2.45	.75	2.76	5.25	1.84	
November	2.24	1.01	2.30	(5.36)	1.28	4.04	1.79	1.57	3.72	5.26	
December	2.58	3.77	3.35	2.67	6.92	2.86	1.64	(5.68)	.98	3.19	
TOTALS	25.26 n.p.	32.18 n.p.	100 n.p.	(27.16) n.p.	29.71	31.48 n.h. low	29.14 w	88.64 w	(24.94) w	36.05 w	

1941. n.p. low Jan adj. for snow. Monthly totals adjusted for nearby stations.

1942. n.p. too much est.

1943. July, Aug & Sept no readings.

1944. n.p. too much est. May, June & July approx. Aug. past est'd.

1945. Jan. pr. solid for snow.

1948. etc. past est. some other months omitted.

40004

23664 40004

60014

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.

BRITISH RAINFALL ORGANIZATION

Station No. 1802**RAINFALL at Budleigh Salterton (Squabonoor)**

51

County of S. DevonObserver Engineer, Exmouth U.D.C.River Basin Aye & C. 7Type of Gauge M.O.Annual Average 31.9 in. based on 25 years obs. unweighted. Period of average 1881-1915 Ref S
" 33.64 " " 35 " " 1916-37 " 1916-35File No. 383125/35

Diameter ...	5"				354	840					
Height ...	1' 0"					1					
Altitude ...	267					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.58	1.91	.67	1.77	6.00	3.60	3.26	3.36	4.70	4.09	
February ...	3.31	.42	1.21	3.17	2.81	.24	4.74	4.00	.36	4.28	
March ...	3.87	2.14	.51	3.15	1.97	.94	3.25	1.87	4.88	2.88	
April ...	1.17	2.69	2.45	.21	1.36	.79	.08	.49	3.08	3.02	
May ...	1.93	2.57	4.24	1.82	3.75	.80	1.86	3.11	1.41	1.99	
June ...	.93	1.20	1.77	4.44	2.60	1.57	.97	4.02	1.39	0.82	
July ...	1.43	.84	2.84	3.09	2.85	2.24	3.09	2.31	1.93	4.07	
August ...	3.94	3.74	1.76	3.55	.31	3.56	2.40	5.09	3.71	5.91	
September ...	3.36	2.93	2.91	2.60	1.25	6.11	2.42	4.19	.17	6.45	
October ...	.84	5.66	2.72	2.51	2.15	2.33	2.13	2.57	2.62	12.28	
November ...	5.03	3.98	1.93	6.53	4.39	1.12	1.88	2.99	6.76	4.48	
December ...	1.72	2.70	.89	4.65	4.63	4.82	2.44	4.40	6.94	3.24	
TOTALS ...	30.11	30.78	23.90	37.49	33.07	28.02	28.52	38.40	37.97	53.51	
	N.P.W	W	W	W	W	W	W	W	W	W	

* Gauge at Squabonoor has carefully checked, no evidence that it is defective. Still protected by fencing but possible that boys manage to interfere. (Portsmouth letter d. 5.5.52 - in file)

1951 N.P. low.

1952 Point

1954 New M.O. gauge installed.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 54/639 839

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
(1951)			Budleigh Salterton	2 m. S.E.	Budleigh Salterton	2 m. S.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ - but D 11	✓	✓ n.p. 40	41.42 44-50 n.p. 41, 42, 43, 46	