

## RAINFALL at

Christen Smithcott

County of

South Devon

Observer

S.C. Chapman Esq. C.E.

River Basin

Tergu 5

Sunder

Rain Gauge, by

Hr3

Diameter ...				5					8		
Height .....				16						10	
Altitude ...				861							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				9.06	1.14	3.55	1.83	1.47	5.48	7.27	
February ...				2.02	6.77	8.85	7.95	.89	2.48	6.48	
March .....				5.75	6.40	.58	4.21	4.75	1.61	6.07	
April .....				6.13	1.88	.94	1.09	1.73	2.96	2.40	
May .....				4.41	2.04	2.79	1.98	2.58	1.34	1.05	
June .....				.78	1.81	1.59	1.55	4.27	1.25	.63	
July .....				.60	5.06	3.97	1.17	2.67	3.18	1.43	
August .....				.76	2.25	2.37	5.36	7.26	2.28	3.51	
September ..				2.71	2.41	1.32	2.98	1.87	5.99	2.24	
October ...				4.84	3.96	6.10	7.43	5.74	2.21	1.62	
November ..				5.11	5.60	3.02	7.59	2.50	5.10	3.56	
December...				3.06	12.53	11.68	4.39	1.43	5.85	7.44	
TOTALS ...				45.23	51.85	46.76	47.53	37.16	39.73	43.70	

1913 "fine middle of large field no figs near"

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
50.39.	34.2 W		Lustleigh	2	SW	Budford	2	NE

RAINFALL at Christow (Smithacott).County of South Devon.Observer A. C. Chapman, F.R.S.River Basin 5Water Eng. TongueShroton Rain Gauge, by N.B.G.

Diameter ...	8.5										
Height .....	1.8										
Altitude ...	861										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	8.79	3.48	5.88	2.69	6.46	7.30	6.99	4.08	6.37	3.09	6.55
February ...	1.08	.34	5.00	12.89	2.21	5.54	2.95	5.39	3.65	2.42	1.76
March .....	5.04	2.73	5.28	1.99	2.52	.64	.73	4.29	5.24	.27	3.00
April .....	6.19	.58	5.07	4.67	5.15	3.99	2.20	2.20	1.99	.79	2.64
May .....	2.05	2.11	.88	2.43	4.26	4.43	1.15	.41	.97	2.65	1.24
June .....	1.81	.16	.68	.34	2.04	.08	3.64	2.45	2.25	2.22	.58
July .....	4.74	1.10	3.77	2.43	3.30	3.57	1.19	5.22	1.52	1.55	1.68
August .....	1.00	1.48	4.11	3.02	2.74	1.41	1.10	3.14	2.00	1.66	4.26
September...	2.19	.72	4.04	3.46	5.02	3.48	1.40	4.92	1.58	.51	5.31
October .....	4.71	1.81	1.34	7.44	6.03	3.83	2.90	2.02	6.65	5.97	4.02
November...	3.28	5.69	2.79	3.96	4.75	4.28	11.76	3.70	6.28	11.59	6.03
December...	6.42	2.47	7.76	3.97	5.47	6.61	.64	4.88	5.81	12.02	3.81
TOTALS...	47.30	22.67	46.60	49.29	49.95	45.16	36.65	45.70	44.31	44.74	40.88?
	0	0	0	0	0	0	0	0	0	0	0

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
	50° 39' 5"	5° 42' 25"	South Devon mountain road	2	S.W.	St. Peter's	2	N.E.

RAINFALL at Christow (Smithacott)County of South DevonshireObserver S. C. Chapman Esq. C.E.River Basin Taig - S.N. G. Elliot M.Sc. A.M. Inst. C.E.

Type of Gauge .....

Annual Average 42.70 in. based on 5 years obs. un-weighted. Period of average 1881/1915 Ref. I.W.S.

147965/27

Diameter .....	8.										
Height .....	1.0.										
Altitude .....	861.										
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....	2.56			5.53	1.01	8.34	10.17	6.18	8.83	3.25	
February .....	2.44			.23	4.55	5.74	7.41	1.64	2.44	6.05	
March .....	1.40			4.33	1.69	5.98	5.95	.13	2.40	3.63	
April .....	2.89			3.87	5.32	2.73	5.05	.23	3.24	4.40	
May .....	2.54			2.25	2.76	1.48	3.22	4.08	0.77	1.98	
June .....	2.23			1.49	5.17	1.37	1.42	1.63	3.15	.87	
July .....	2.99			.59	.63	7.32	1.08	4.68	6.88	4.38	
August .....	3.73			4.14	2.39	.14	1.39	5.57	3.39	.22	
September .....	1.20			2.90	4.62	3.96	2.26	1.77	0.69	1.52	
October .....	.72			3.36	4.54	1.49	4.09	4.76	6.37	6.16	
November .....	6.87			2.54	7.29	4.08	3.07	7.96	10.37	9.23	
December .....	1.48			16.56	6.68	6.61	4.74	6.63	2.36	3.61	
TOTALS .....	<u>31.05</u> D.	N.R.	N.R.	48.29 D	46.65 D	49.24 D	49.95 D	45.26 D	50.89 D	45.30 W	

\* 1931. LOW. N.R.

Mr Chapman did not send his record for 1932.

1940 Daily readings discontinued on 4<sup>th</sup> Aug.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
	50°39'5"	3°42'0"						

RAINFALL at Christians (South coast) Station No. 1749 41County of South Devon Observer N. F. E. Pitt Rivers A.M. Inst. CGRiver Basin Jerji - 5 The Water Engineers Torquay (1945)

Type of Gauge.....

Annual Average 42.7 in. based on 5 years obs. un-weighted. Period of average 1881/1915 Ref. 1215File No. 747965/27

Diameter	8"			36	69						
Height	1' 0"				1						
Altitude	861'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	7.59	5.58	12.68	3.35	3.62	7.21	7.06	7.75	1.14	1.10	
February	6.48	.44	2.69	.65	3.31	4.04	3.46	1.47	1.52	7.06	
March	4.58	4.14	1.89	.14	1.29	2.56	9.72	1.84	1.75	2.03	
April	1.46	2.56	1.30	3.23	.93	2.98	3.50	2.70	2.85	2.38	
May	2.83	10.01	4.87	.51	4.34	7.54	3.94	2.44	2.64	3.38	
June	2.42	.55	1.08	2.68	3.05	2.86	2.84	2.61	.57	1.02	
July	.72	1.65	2.30	2.61	3.03	1.09	2.72	1.11	2.59	4.70	
August	4.40	4.91	3.13	4.06	2.27	5.57	1.76	3.44	1.69	5.26	
September	.96	3.56	3.96	3.00	3.88	7.76	2.65	1.66	4.74	4.60	
October	2.26	3.08	5.94	6.40	5.61	3.60	1.12	4.06	9.00	1.60	
November	4.25	1.39	3.24	8.54	1.30	9.52	3.63	2.99	4.41	7.72	
December	4.40	9.01	3.85	4.58	8.83	6.31	3.59	8.13	1.30	3.85	
TOTALS	42.35 W	46.88 W	46.93 W	39.75 W	41.46 W	61.04 W	45.99 W	40.20 W	34.20 W	44.70 M	

1342. { latitude 50° 29' 5" N.  
 { longitude 3° 42' 0" W.

Readily read from 1.1950

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.

BRITISH RAINFALL ORGANIZATION

Station No. 1749

RAINFALL at Christon (Smithacott)

51

County of S. DevonObserver Water Engineer TorquayRiver Basin Teign - SType of Gauge NK 1A (inspection)Annual Average 42.7 in. based on 5 years obs. unweighted. Period of average 1881-1915 Ref. S" 43.75 " 20 " with 1934-5 7 " 1916-50

no longer applies.

File No. 747965/27

Diameter ...	8"		361	697	5"						
Height ...	1' 0"		1	1' 0"	1' 0"						
Altitude ...	861'		51		850'						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	(5.50)	4.02	.68	1.62	6.93	3.76	5.06	5.68	7.54	5.65	
February ...	(7.22)	.53	1.46	3.60	3.72	.31	8.03	6.15	.40	8.12	
March ...	(4.75)	3.45	.90	3.80	2.28	1.98	4.83	3.21	6.24	4.74	
April ...	1.90	3.06	3.06	.17	1.17	.98	.37	.78	4.68	4.56	
May ...	3.04	2.60	3.48	2.28	3.85	.90	2.70	4.15	1.68	2.74	
June ...	1.02	.65	2.45	4.28	3.46	1.82	2.21	4.70	1.26	1.62	
July ...	2.08	1.23	2.80	2.84	2.45	4.83	4.25	4.20	2.25	4.69	
August ...	(4.75)	6.04	2.12	3.38	.54	3.52	3.38	4.96	3.46	4.07	
September ...	4.80	3.70	5.15	3.16	1.42	8.55	3.54	5.39	.28	8.32	
October ...	1.43	7.08	4.65	3.34	2.36	2.57	2.42	3.80	4.90	13.95	
November ...	8.05	4.15	2.82	9.64	6.14	2.40	3.43	2.51	11.06	7.34	
December ...	4.25	3.25	1.18	3.82	6.20	7.96	4.25	5.74	10.34	5.68	
TOTALS ...	487.9	39.76	30.75	41.93	40.52	39.58	44.47	51.27	54.09	71.48	
	NH	H	H	M	M	M	M	M	M	M	

1951. N.P. from Imperial Station gauge found quite reasonable.1952. Point 1954 Super Sup site good level overgrown with trees in affected area. Smoke

Inspected 10.4.56. Mr. Deeks. Gauge standing in. Site of fence 2' 3" all round 1' 6" away. o/c W, N, E.

Recommended new site in valley nearby.

12.12.56. Site changed and trees removed as recommended. Surf wall will be built.

1956: low but acceptable.

70204

54(20)798848

Position of Station on Ordnance One-Inch map: No. of Map... 175 National Grid Reference 54(20)798848

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
	C 1913	✓	31, 34-40	✓	
	✓	✓	334-39 -40	-	