

RAINFALL at

Christow Smithacott

County of South Devon

Observer.

S.C. Chapman Esq. C.E.

River Basin

Devon 5

Position Rain Gauge, by NT3

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	
July60	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	
				2	2	2	2	2	2	2	

1913 "in middle of large field no object near"

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
5039.	3°42' W	Lustleigh		2	SW	Budleigh	2	NE

RAINFALL at Cheltenham (Smithecott).

County of South Glos.

Observer Dr. C. Chapman, F.G.C.S.

River Basin

5

Water Erosion Tropicay

Snowdon Rain Gauge, by N.B.G.

Diameter ...	85										
Height	18										
Altitude ...	861										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	8.79	3.48	5.88	2.69	6.46	7.30	6.99	7.08	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 MAY 8 -	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	3.89	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 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
50° 3' 55" N 1° 42' 25" W	50° 3' 55" N 1° 42' 25" W	Yerbury mertonhampton	2	S.W.	Bred 2.2	2	N.E.	

RAINFALL at Christow (Smithacott)

County of South Devonshire

Observer S.C. Chapman Esq. C.E.

River Basin Teign - 5.

N.G. Ellipse m.s.e. A.M. Incl. C.E.)

Type of Gauge

42.7m 5

Annual Average in. based on 21 years obs. un-weighted. Period of average 1881-1935 Ref. I.W.S.

147965/27

Diameter	8.											Means
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				2.23	4.55	5.74	7.41	1.64	2.44		6.05
March	1.40				4.33	1.69	5.98	3.95	1.13	2.40		3.63
April	2.89				3.87	5.32	2.73	5.05	2.23	3.24		4.40
May	2.54				2.25	2.76	1.48	3.22	4.08	0.77		1.98
June	2.23				1.99	5.17	1.37	1.42	1.63	3.15		.84
July	2.99				1.59	1.63	7.32	1.08	4.68	6.88		4.38
August	3.73				4.14	2.39	1.14	1.09	5.57	3.39		2.2
September	1.20				2.90	4.62	3.96	2.86	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	31.05	NR.	NR.	48.29	46.65	49.24	49.95	45.26	50.89	45.30		
	D.			D.		W						

* 1931. Low N.P.

Mr Chapman did not send this record for 1932.
1940 Daily readings discontinued on 4th 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
	50°39'5" 3°42'0"						

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 1749

RAINFALL at Chintawo (Smithwally)

41

County of South Devon

Observer N.C. E. P. T. M. S. A. M. first CG

River Basin Teign - 5

The Water Engineer, Tasmania (1945)

Type of Gauge

Annual Average 12.7 in. based on 5 years obs. un-weighted. Period of average 1931/1935 Ref. I.W.S.

File No. 747965/27

Diameter	8"		361	697						
Height	1' 0"			1						
Altitude	861'			44						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	Means
January	7.59	5.58	12.68	3.35	3.62	7.21	7.06	7.35	1.14	1.10
February	6.48	4.44	2.69	1.65	3.31	4.04	3.46	1.47	1.52	7.06
March	4.58	4.14	1.89	1.14	1.29	2.56	9.72	1.84	1.75	2.03
April	1.46	2.56	1.30	3.23	.93	3.98	3.50	3.70	2.80	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	3.25
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

1942. { Latitude 50° 39' S" N.
 { Longitude 3° 42' 0" W.

(Partly read from 1950)

Position of Station on reduced Ordnance Survey Map, No. of Map..... Reference No.

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

Station No. 1749

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RAINFALL at Christon (Smithacott)

County of S. Devon

Observer Water Engineer, Torquay

River Basin Teign - 5

Type of Gauge NIK 14 (min. max. rain. fall.)

Annual Average 42.7 in. based on 5 years obs. unweighted. Period of average 1881-1915
 " 45.75 " 20 " within 1934-5 " " 1916-50
 no longer appears. File No. 747965/27

Diameter	8"	361.697	5" on gauge 5"								Means
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	(4.70)	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	5.29	.28	8.32	
October	1.43	7.08	4.65	3.34	2.36	2.51	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	4879	39.76	30.75	41.93				51.27	54.09	71.48	
	N.P.M.	77	M	M	40.52	39.58	44.47	M	M	M	n

1951 N.P. from Pumping stat. 10 gauge some rate reasonable.

7/11

1952 Pumping pump site good level open ground with trees in off-plot area. Plot cleared.

Inspected 10.4.56 Mr. Deeks George stem rising. Site off fence 2' 5" off road 1' 6" away. S/E W/N E.

Recommended new site in valley nearby.

124-12.56. Site changed and trees removed as recommended. Turf wall will be built.

1956: low but accept.

7/20/4

54(29)798848

Position of Station on Ordnance One-Inch map : No. of Map 1.75 National Grid Reference 707700 800000

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 1913	✓	31, 34-40 n.p. 31	✓	-