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RAINFALL at

County of S Devon

River Basin Teign 5

Ground Rain Gauge, by Poldelli

Observer

Chagford Thornworthy

1753

E. Hawkey

H.B. Vanwallendael

Diameter ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height							5				
Altitude ...							10				
							1180	1150			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...							3.42	3.64	10.22	10.66	
February ...							13.15	1.30	6.31	6.97	
March							4.93	5.12	3.59	10.73	
April							3.32	5.30	3.44	4.75	
May							2.37	4.59	1.53	1.88	
June							3.67	4.99	2.56	1.16	
July							1.37	3.01	5.39	2.40	
August							8.43	13.06	4.06	4.48	
September...							3.97	4.61	13.22	3.70	
October ...							13.96	14.65	4.92	2.62	
November..							10.64	6.04	6.54	7.23	
December...							7.75	2.29	14.01	14.10	
TOTALS ..							76.98	68.60	75.79	70.68	

Very open moorland exposure
1919 Hedge with low tree 50 ft high 100 WSW

Date.	Lat. N.	Long. (d)	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
50°39'	3°53'		Monkton Combe	10 m	SE	Chagford	3/2 m	ESE

RAINFALL at Chagford. (Thorncroft Bay)

County of South Devon. Observer H. B. Tinsley, Esq.

River Basin 5°

Tinsley W.H. Darwell

Bandon Rain Gauge, by Postlethwaite,

Diameter ...	5"						7		5		
Height	1.0								0.7	1.0	0.5
Altitude ...	1150						1140		1175	1150	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	14.08	8.04	8.79	4.91	7.36	8.85	7.53 (11.50)	13.89	3.13	12.76	
February ...	2.24	6.61	9.50	11.58	2.79	7.02	3.06 (6.90)	7.35	3.12	2.90	
March	7.39	6.49	7.10	1.66	2.43	4.9	1.13	8.62	8.94	.59	3.94
April	8.10	1.62	7.84	5.82	5.33	3.87	1.79	3.71	3.29	1.02	5.19
May	3.34	6.10	1.14	3.78	4.96	5.28	2.32	1.25	.91	5.97	2.61
June	2.66	6.04	1.75	3.55	2.76	.00	2.17	5.38	3.22	3.04	.97
July	6.25	1.93	6.01	1.57	3.55	3.80	1.15	7.36	2.67	3.22	4.32
August	1.98	3.18	3.89	4.52	4.78	2.55	1.63	7.65	3.85	3.37	6.08
September...	3.19	1.62	5.58	4.69	6.57	4.49	1.39	9.61	2.11	1.12	9.93
October....	5.24	2.33	2.20	9.62	7.99	5.54	2.54	5.27	9.77	11.59	9.86
November...	5.24	5.44	4.40	5.29	5.74	4.55	6.95	6.07	13.94	21.10	12.85
December...	8.84	5.89	10.46	6.14	8.89	8.63	.53	8.37	9.37	20.45	7.75
TOTALS...	70.17	39.29	68.66	59.93	62.15	55.07	32.19 (81.69)	79.31	77.72	79.16	

1920. Ridge 7 ft. 100 m. S.E.
 1925. " 10 " 30 yds. W. low
 1926. Low, not printed, gauge broken.
 1927. Inspected 15/3/27 by Mr. Collett Lee Green file
 1928. New gauge from Collett.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	50°39'	2°53'W.	Mertonhampstead	5.6 miles 82 mi	E. NE.	Chagford	3 miles	N.E.
1925.			"					

RAINFALL at Chagford (Thorneworthy)

County of South Devonshire

Observer Miss W. H. Varwell

River Basin Teign - S.

Type of Gauge Snowdon

Annual Average 59.6 in. based on 11 years obs. unweighted. Period of average 1881/1915 Ref. S

740012/27.

Diameter	S.											
Height	1.0.	6'		1.0		6'		6'		6'		
Altitude	1150	1175										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	7.84	14.38	6.45	10.02	2.26	10.37	16.51	13.85	16.00	3.53	99.21	
February	6.41	.09	6.17	3.30	9.53	6.34	15.38	3.30	5.09	7.23	59.84	
March	2.77	4.73	7.93	4.50	1.88	5.53	8.10	5.58	3.72	5.49	45.23	
April	4.96	5.39	1.90	5.03	9.32	3.88	6.85	5.58	5.24	5.11	47.96	
May	3.94	4.51	4.31	3.88	2.89	1.00	3.12	4.50	0.98	2.19	31.32	
June	4.22	3.87	2.51	2.47	6.49	2.43	1.64	4.12	4.46	.81	33.00	
July	6.53	4.41	4.25	.86	.90	11.88	2.30	5.63	11.28	5.51	53.55	
August	7.03	2.57	4.53	4.90	2.60	.62	1.14	7.92	3.80	.33	35.44	
September	2.73	8.39	1.87	4.93	6.89	4.25	2.77	1.92	0.68	3.54	37.97	
October	1.57	15.33	7.78	6.02	8.48	4.76	5.02	9.13	8.06	8.60	74.75	
November	15.66	5.43	2.12	3.35	9.40	9.86	2.72	13.63	20.08	15.66	97.91	
December	4.79	5.19	3.01	21.32	9.24	13.06	6.26	8.58	4.66	6.78	82.87	
TOTALS	68.45	74.29	52.83	67.58	69.88	73.98	71.51	73.74	82.01	64.73	699.05	W
D.	D	D	D	D	D	D	D	D	D	D		

1936. Letter d. 14/2/26 gauge broken. New gauge reinstalled 10/3/36.

1938 The gauge is in the middle of a field well away from all the ledges.

1940 Jan. part eroded.

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			Moretonhampstead	8m.	SE.	Chagford	3m	SE.

Station No. 1753

RAINFALL at

Chagford (Thornworthy)

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County of South Devon. Observer Miss W.H. Yarnall

River Basin Tiverton - 5

Type of Gauge Standard

Annual Average 59.36 in. based on 11 years obs. un-weighted. Period of average 1881/1915. Ref. S

File No. 7400.12/27

Diameter	5"			361	130					
Height	0' 6"				1					
Altitude	1175'				41					1150'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	7.33	9.22	15.15	8.51	8.42	11.27	9.27	16.28	2.61	2.71
February	9.82	1.09	6.04	2.09	8.81	8.45	5.48	4.92	4.17	13.66
March	8.30	5.52	2.59	1.41	2.82	4.81	15.11	4.31	2.95	5.16
April	1.70	4.73	2.04	3.48	1.88	3.06	3.28	4.64	4.72	5.30
May	3.79	10.37	8.81	1.30	5.77	7.13	3.85	8.98	5.03	6.35
June	2.51	.87	2.55	4.64	5.85	4.34	4.58	4.84	.28	1.89
July	1.59	3.88	4.97	3.80	5.12	2.91	3.39	2.77	2.72	6.30
August	5.86	4.20	4.84	5.72	2.48	7.94	.94	4.77	3.13	8.14
September	.44	4.22	6.22	5.69	4.49	9.51	3.18	4.01	6.06	10.58
October	4.47	5.01	6.80	9.59	8.44	4.63	2.56	4.38	13.63	2.34
November	5.75	1.78	6.09	15.59	1.51	17.05	6.92	3.87	8.60	14.84
December	7.50	12.69	5.49	7.59	10.58	9.28	8.03	15.25	5.46	6.97
TOTALS	59.06	63.58	71.59	68.41	66.17	90.38	70.59	76.52	59.36	84.24
	D	D	D	D	D	D	D	D	D	D

1943 g. is in the middle of a 25 acre grass field, with beech & chestnut trees on hedges to N & E

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			Mertonhampstead	8 miles	S.E.	Chagford	3 miles	S.E.

Station No. 1753

RAINFALL at Chagford (Thornworthy)

County of S. Devon

Observer Miss W. H. Varwell

River Basin Teign - S

Type of Gauge

Snowdon M.R.I.

Annual Average ~~59.6~~ in based on ~~11~~ years obs. wt-weighted. Period of average 1881-1915 Ref. S. W.S.

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Diameter	59			361	130						
Height	0' 6"	(152)	1.0		1						
Altitude	1150				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	7.80	10.00	1.28	4.10	9.06	8.84	9.41	9.53	9.53	7.31	79.44
February	9.03	1.55	2.93	6.72	7.26	4.41	11.46	9.00	9.00	9.28	58.07
March	4.53	5.17	2.56	6.25	3.06	4.69	6.95	2.53	2.53	5.53	53.24
April	6.12	5.08	4.30	1.31	2.31	1.51	4.45	2.48	2.48	5.49	37.41
May	3.76	3.18	4.75	6.44	6.39	1.04	3.46	6.78	6.78	2.90	41.21
June	2.02	2.66	2.78	5.19	3.72	3.68	2.74	4.82	4.82	2.78	33.17
July	3.04	1.43	4.82	5.24	3.39	6.05	6.55	4.75	4.75	6.84	44.14
August	6.32	8.17	4.09	5.05	6.63	6.92	5.75	7.87	7.87	6.19	53.45
September	5.84	5.57	7.09	4.18	2.94	11.32	7.16	8.65	8.65	9.69	66.59
October	2.40	8.08	5.69	4.66	3.61	3.24	5.07	6.10	6.10	14.70	64.85
November	11.88	6.47	4.94	13.56	8.03	3.64	3.79	5.11	5.11	13.16	84.18
December	4.70	6.92	1.78	7.56	10.59	11.04	6.87	9.18	9.18	9.09	88.59
TOTALS	43.44	64.28	47.01	46.26	60.99	62.38	69.66	76.80	76.80	92.96	704.34

July 31 1951 Gauge in open field and no high objects near. Gauge read at 10" 1951/52.
Bottom of gauge - can be resolved. Telephone pole 20°, 35° WSW. Telephone
wires less directly overhead but probably have no effect. The site is very well exposed.
Uncertified flat-bottomed meadow needs 10' less above 3.

Position of Station on Ordnance One-Inch map:

No. of Man 175

National Grid Reference **58670850**

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Montgomery	8 m. N.E.	Wagford	3 m. N.E.

Summary of Earlier Records from 10-year Sheets:

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
	C 1916 D 17, 18, -16, 19	✓ n.p. 26 ✓ but d 21, 22, 27		✓	✓ but d 45	