

RAINFALL at

Chagford Thimworth

1753

County of S Devon

Observer

E. H. Hawkeley

River Basin

Tegon 5

H. B. Varnwell Esq

S. Devon

Rain Gauge, by P. J. J. J.

Diameter ...							5					
Height							10					
Altitude ...							1180	1150				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
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 W S W

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
50.39.	51.53		Mordenampstead	10 m	SE	Chagford	3 1/2 m	ESE

RAINFALL at *Chagford. (Thames valley)*County of *South Devon* Observer *H. B. Varwell, Esq.*River Basin *5* *W. H. Vansell**Trasden* Rain Gauge, by *Pastorale*

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 ...	2.34	.61	9.50	11.58	2.79	7.02	3.06	(6.90)	7.35	3.12	2.90
March	7.59	5.49	7.10	1.66	2.43	.49	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	3.10	1.14	3.78	4.96	5.18	2.32	1.25	.91	5.97	2.61
June	3.66	.04	1.75	.35	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	5.57	4.49	1.39	9.61	2.11	1.12	9.93
October	5.76	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
		D	D	D	D	D	D	D	D	D	D

1920. *Very dry most last of year.*
 1925. *100 " 30 1/2 W. Low*
 1926. *Low not printed, gauge closed.*
 1927. *Inspected 15/3/27 by Mr. Corlett Esq Green 26*
 1927. *new gauge for Feb est.*

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920. 1925.	50°39'	3°53'W	Littlehampton	5-6 8 1/2 mi	E. NE.	Chagford	3 miles	N.E.

RAINFALL at Chagford (Thornworthy)County of South DevonshireObserver Miss W. H. Varwell.River Basin Teign - S.Type of Gauge SnowdonAnnual Average 59.6 in. based on 11 years obs. ~~un~~-weighted. Period of average 1885/1915 Ref. S

740012/27.

Diameter	5.										
Height	1.0.		6"	1 0		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	.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	.58	3.72	5.49	45.23
April	4.96	5.39	1.90	5.03	9.32	3.88	6.55	.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	4.33	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	74.78
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	4.61	6.78	82.87
TOTALS	68.45	74.29	52.83	67.58	69.88	73.98	71.51	73.74	82.01	64.78	699.05
	D	D	D	D	D	D	D	D	D	D	

1936. Letter d. 14/2/36 gauge broken. New gauge despatched 10/2/36.

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, }
1 mile 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
1931			Moretonhampstead	8m.	SE.	Chagford	3m	SE.

RAINFALL at

Chagford (Thomworthy)

Station No. 1753

41

County of South Devon

Observer Miss W.H. Yarnall

River Basin Tavy - S

Type of Gauge Snowdon

Annual Average 59.1 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	Means
January	7.33	9.22	15.15	8.51	8.42	11.27	9.27	16.28	2.61	2.71	90.77
February	9.82	1.09	6.04	2.09	8.81	8.45	5.48	4.92	4.17	13.66	64.53
March	8.30	5.52	2.59	4.1	2.82	4.81	15.11	4.31	2.95	5.16	51.98
April	1.70	4.73	2.04	3.48	1.88	3.06	7.28	4.64	4.72	5.30	38.83
May	3.79	10.37	8.81	1.30	5.77	7.13	3.85	8.98	5.03	6.35	61.38
June	2.51	.87	2.55	4.64	5.85	4.34	4.58	4.34	.28	1.89	31.85
July	1.59	3.88	4.97	3.80	5.12	2.91	3.39	2.77	2.72	6.30	37.45
August	5.86	4.20	4.84	5.72	2.48	7.94	.94	4.77	3.13	8.14	48.02
September	4.4	4.22	6.22	5.69	4.49	9.51	3.18	4.01	6.06	10.58	54.40
October	4.47	5.01	6.80	9.59	8.44	4.63	2.56	7.38	13.63	2.34	64.85
November	5.75	1.78	6.09	15.59	1.51	17.05	6.92	3.87	8.60	14.84	82.00
December	7.50	12.69	5.49	7.59	10.58	9.28	8.03	15.25	5.46	6.97	88.84
TOTALS	59.06 D	63.58 D	71.59 D	68.41 D	66.17 D	90.38 D	70.59 D	76.52 D	59.36 D	84.24 D	714.90

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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Monterhamstead	8 miles	S.E.	Chagford	3 miles	S.E.

Station No. 1753

RAINFALL at Chagford (Thornworthy)

51

County of S. Devon

Observer Miss W. H. Varwell

River Basin Teign - 5

Type of Gauge

London H.B.I.

Annual Average 57.6 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref 8145

70.39 .. 25 .. with 1927-57

File No. 740012/27

Diameter ...	54				361	130					
Height ...	0' 6"	(7/52) 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	.41	11.46	9.00	9.00	9.28	58.07
March ...	7.53	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	.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	.63	6.92	5.75	7.87	7.87	6.19	53.45
September ...	5.84	5.57	7.09	7.18	2.94	11.32	7.16	8.65	8.65	9.69	66.59
October ...	2.40	8.08	5.69	7.66	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 ...	7.70	6.72	1.78	7.56	10.59	11.04	6.87	9.18	9.18	9.09	88.59
TOTALS ...	73.44	64.28	47.01	76.26	60.99	62.38	69.66	76.80	76.80	92.96	704.34
	D	D	D	D	D	D	D	D	D	D	

1951 gauge in the field with no high objects near. Gauge reset at 1' 1951.52.
 July II 1951 1.60 ft. Bottom of river - can be reached. Telephone pole 20' 55' WSW. Telephone
 wires pass directly overhead but probably have no effect. The site is very well exposed.
 Unsettled flat-bottomed meadow needs 10' or more above.

Position of Station on Ordnance One-Inch map :

No. of Map 175

National Grid Reference SX 678 950

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Gray Mortshamstead	8 m. N.E.	Chagford	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	✓ n.p. 26	✓	✓	
	D 17.18, -16, 19	✓ but 21, 22, 27	✓	✓ but d 45	
		- 20			