

## RAINFALL at CHAGFORD (METHERALL)

County of S. DEVONObserver Water Engineer T. J. MayRiver Basin TEIGN - 5

(S. C. Chapman, C.E.)

(1930) Smoulder Rain Gauge, by

Diameter										8	
Height										1.0	
Altitude											1150
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January										3.25	1303
February										5.23	293
March										.69	417
April										1.01	586
May										6.11	264
June										3.15	96
July										2.68	459
August										3.64	675
September										1.04	984
October										11.25	938
November										22.10	1294
December										19.69	726
TOTALS										79.84	8035

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
	50° 38' 27"	3° 52' 57"				Chagford	2 3/4 m	NE

RAINFALL at Chagford (Metherall) +ACounty of South DevonshireObserver S. C. Chapman, Esq. C.E.River Basin Teign - S.N. 9. Wind. M. 3. P. 17. Feb. C.E.Type of Gauge Standard

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

747965/27.

Diameter	8.										
Height	1.0.										
Altitude	1150.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.53	12.84	6.20	8.48	1.62	9.79	14.79	10.56	10.14	3.10	84.85
February	5.86	.07	5.34	.32	7.92	7.43	12.36	2.59	4.40	7.13	53.12
March	3.21	4.08	7.25	4.76	1.79	6.17	9.32	.45	2.36	4.79	44.18
April	4.30	4.49	18.9	5.11	8.56	4.09	6.12	.45	4.69	4.07	43.77
May	4.22	4.19	4.29	3.73	2.86	1.14	3.24	4.59	0.92	2.23	31.41
June	4.32	4.60	2.36	2.33	6.60	3.05	1.68	2.90	4.07	.81	32.72
July	5.93	3.42	4.06	.66	.79	11.84	2.26	5.38	10.10	4.52	48.96
August	6.94	2.55	4.20	5.22	2.72	.47	1.11	7.32	3.54	.24	34.31
September	3.40	7.89	2.01	4.92	7.31	3.97	2.90	1.88	0.51	2.43	17.22
October	1.37	12.79	7.60	6.01	7.42	2.58	5.05	8.28	7.61	7.83	66.54
November	15.88	4.20	1.83	2.77	9.75	7.32	4.13	11.96	15.31	12.54	85.69
December	3.70	5.09	2.85	20.76	8.72	11.26	5.71	7.56	4.84	4.67	75.16
TOTALS	65.96	66.21	50.08	65.07	66.06	69.11	68.67	63.92	68.49	54.36	67.93
	D	D	D	D	D	D	D	D	D	D	

No duration after 1936.

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
1933	50° 38' 27"	3° 52' 57"						

RAINFALL at Chagford (Methrall) Station No. 1747 **41**  
 County of South Devon Observer N.G. Elliott, M.Sc. AMS and CE.  
 River Basin Tenjin - 5 The Wares Engine Co. Torquay  
 Type of Gauge Standard

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. 747965/27

Diameter	3"				361	121					
Height	1' 0"					1					
Altitude	1150'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	7.33	7.05	13.40	5.44	7.18	10.38	9.45		2.46	2.41	
February	7.73	.55	3.80	1.24	6.62	6.99	3.38		3.95	15.70	
March	7.34	4.55	2.27	.43	2.78	5.21	12.24		3.02	4.29	
April	1.50	3.79	1.61	3.62	1.68	3.60	7.07		3.32	5.27	
May	3.22	9.97	6.34	1.08	5.44	8.02	3.86		4.81	4.57	
June	2.45	.75	2.33	4.86	5.76	4.46	4.41		.77	1.84	
July	1.31	3.45	4.22	4.23	5.40	2.89	3.50		2.95	5.69	
August	6.10	3.59	4.30	5.72	2.82	7.29	1.18		3.07	7.73	
September	.58	3.58	5.78	5.40	4.89	9.67	3.23		6.89	8.31	
October	2.47	4.18	7.09	9.30	7.82	4.94	2.09		12.58	2.47	
November	5.40	1.57	4.44	13.50	1.82	15.66	6.14		8.56	13.22	
December	5.93	9.49	4.98	6.85	10.70	8.75	6.33		5.26	6.41	
TOTALS	51.36	52.52	60.56	61.67	62.91	87.86	62.88		67.64	77.91	

1942 { latitude 50° 35' 27"  
 longitude 3° 52' 57"

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.



Station No. 1747RAINFALL at St. Lagford (Methenall)

51

County of S. DevonObserver Water Engineer, TorquayRiver Basin Taig - 5Type of Gauge SnowdonAnnual Average 59.3 in. based on 22 years obs. ~~was~~ weighted. Period of average 1881-1915 Ref. 1WSFile No. 747965/27

Diameter ...	8"				36"	121					
Height ...	11' 6"					1					
Altitude ...	1156'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	8.89	10.10	1.31	4.03	9.24	7.40	10.00	6.7			
February ...	8.18	1.55	2.78	6.30	7.57	.58	11.68	6.2			
March ...	7.82	6.11	2.44	6.33	2.80	3.74	7.28	3.00			
April ...	4.58	5.22	4.95	1.39	2.08	1.39	.51	2.13			
May ...	4.30	3.62	5.20	5.78	6.57	.89	3.61	7.02			
June ...	1.56	2.41	3.56	5.17	3.87	2.50	2.94	4.69			
July ...	3.21	1.79	4.64	5.33	3.50	4.83	6.22	4.03			
August ...	8.07	8.76	4.60	5.58	.81	7.35	5.92	7.23			
September ...	5.58	5.77	8.14	7.58	3.12	10.48	7.09	9.43			
October ...	2.60	8.70	6.14	7.67	3.55	3.12	4.81	6.53			
November ...	11.71	7.91	5.15	14.61	7.06	(3.33)	4.06				
December ...	7.27	6.62	1.96	6.28	9.78	12.20	6.92	4.7			
TOTALS ...	73.76	63.56	50.87	75.97	69.95	57.81	71.04				
	D	D	D	D	d	d	nb.				

Included 10.6.56 re. Techs. Gauge round site of N.W. Recon. move 5100' to hut circle. Site found to be unsuitable due to interference & liability to snow drift.

For Dec. 56 and 1957 there will be 2 records, one from original site, no change in exposure, one from 5' gauge on new site chosen by Engineer. Maps ref. 1/25,000 sheet 20/68 - 6720/8438 alt. 1156' with turf wall. - 1747/1

(3' turf wall round gauge) 1959 Terminated.

Position of Station on Ordnance One-Inch map :

No. of Map 175National Grid Reference 20/670.842

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
		c1929	✓	41-47, 49, 50	
		229 d30	✓	✓ build 46	

RAINFALL at § Chagford (Methrall) new site Station No. 1747/1 51  
 County of S. Devon Observer Water Engineer, Torquay  
 River Basin Teign - 5  
 Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. 74.7.96.5/2.7

Diameter ...				361	123		5"					
Height ...					1		1					
Altitude ...					51		1155'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...							11.46	9.17	12.41	7.96		
February ...							12.96	9.27	.55	10.44		
March ...							8.10	3.00	8.91	6.15		
April ...							.60	2.33	8.30	6.22		
May ...							3.98	7.02	2.57	3.20		
June ...							3.00	4.91	2.23	2.73		
July ...							6.49	4.83	2.06	7.10		
August ...							6.22	7.37	2.45	6.75		
September ...							7.46	9.03	.93	9.97		
October ...							5.13	6.53	9.00	14.85		
November ...							4.18	5.16	13.77	14.00		
December ...							7.40	7.56	19.94	10.82		
TOTALS ...							76.98 D	76.26 D	83.12 D	100.25 D		

§ Teaf Wall.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 543672 843

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