

RAINFALL at CHAGFORD (METHERALL)

County of S. DEVON

Observer Weather Engineer Torquay

River Basin TEIGN — 5

(S.C. Cleaveham C.E.)

(1930) Simulated 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	13.03
February										5.23	2.93
March										.69	4.17
April										1.01	5.86
May										6.11	2.64
June										3.15	.96
July										2.68	4.59
August										3.64	6.75
September										1.04	9.84
October										11.25	9.38
November										22.10	12.94
December										19.69	7.26
TOTALS										79.84	80.35

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

RAINFALL at Chagford (Metherall) + A

County of South Devonshire

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

River Basin Teign - S.

N.G. 1105 M. St. B.M. Inv. 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	7.33	12.84	6.20	8.48	1.62	9.79	14.79	10.56	10.14	3.10	84.85	
February	6.86	0.07	5.34	3.32	7.92	7.43	12.26	2.59	4.40	7.13	53.12	
March	3.21	4.08	7.25	4.76	1.79	6.17	9.32	4.45	2.36	4.79	44.18	
April	4.80	4.49	1.89	5.11	8.56	4.09	6.12	4.45	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	2.86	2.33	6.60	3.05	1.68	2.90	4.07	.81	32.72	
July	6.93	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	34.81	
September	3.40	7.89	2.01	4.92	7.31	3.97	2.90	1.88	0.51	2.43	37.22	
October	1.37	12.79	7.60	6.01	7.42	2.58	5.05	8.28	7.61	7.83	66.54	
November	15.85	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	8.71	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	637.93	0.0

No duration after 1936.

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
1933	50° 38' 27"	3° 52' 57"						

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

RAINFALL at

Chagford (Motherall)

Station No.

1747

41

County of

South Devon

Observer

N.G. Elliott M.Sc. AM Inst CE.

River Basin

Taw - S.

The Water Engineers, Tiverton

Type of Gauge

Snowdon

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

Ref.

File No.

747965/27

Diameter	8"			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	5.55	3.80	1.24	6.62	6.99	3.38		3.95	15.70
March	7.34	4.55	2.27	1.43	2.78	5.21	12.24		3.02	4.29
April	1.50	3.79	1.61	3.62	1.68	3.60	10.7		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	7.75	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		57.64	77.41

1942 { latitude 50° 35' 27" }

{ longitude 3° 52' 57" }

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. 1747

51

RAINFALL at G. Chagford (Metherall)County of S. Devon

Observer Water Engineer, Torquay

River Basin Torridge - 5Type of Gauge SnowdonAnnual Average 59.3 in. based on 22 years obs. un-weighted. Period of average 1881 - 1915 Ref. 1.W.S.File No. 747965/27

Diameter	<u>8"</u>			<u>3601</u>	<u>121</u>						
Height	<u>11' 6"</u>				<u>1</u>						
Altitude	<u>1150'</u>				<u>51</u>						
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	8.2			
March	7.82	6.11	2.44	6.33	2.80	3.74	7.28	3.50			
April	4.58	5.22	4.95	1.39	2.08	1.39	.51	2.8			
May	4.30	3.62	5.20	5.78	6.57	.89	3.61	2.22			
June	1.55	2.41	3.56	5.17	3.87	2.50	2.94	4.09			
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	7.87			
September	5.58	5.77	8.14	7.58	3.12	10.48	7.09	9.43			
October	2.60	8.70	6.14	7.89	3.55	3.12	4.81	4.53			
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	8.			
TOTALS	73.76	63.56	50.87	75.97	59.95	57.81	71.04				
	D	D	D	D	d	d	nb.				

Reported 10.4.56 re. Tech. Committee. Site of new. Recom. move 800' to hut site. Site found to be unsuitable due to inference & liability to snow drifts.

For Dec. '56 and 1957 there will be 2 records, one from original site, no change in exposure, one from 6' gauge on new site chosen by Engineers. Map ref. 1/25,000 sheet 20/68 - 6720/8130 at 1155' with turf wall. - 1747/1

(9 (Turf wall round gauge)) 1957 Terminated.

Position of Station on Ordnance One-Inch map :

No. of Map 175

National Grid Reference 20/670.842

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	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
		c1929 329 d30	✓	41-47, 49, 50 ✓ build 46	

Station No....

1747/1

RAINFALL at S. Chagford (Metherall) new site

51

County of S. Devon

Observer Water Engineer, Torgay

River Basin Teign - 5

Type of Gauge.....

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

File No. 1747 965/27

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	10.96
February	...							12.96	9.27	.55	10.44
March	...							8.10	3.00	8.91	6.15
April60	2.33	8.30	6.22
May	...							3.98	7.02	2.57	3.20
June	...							3.00	4.99	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

see previous page

S. Teign Wall.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 58125672 843

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