

RAINFALL AT E. Harptree Harptree Hill

1969

Lat.

Lon.

County of

N Somersetshire

Lawn - 1 weekly

Rain Gauge, by

Observer J. A. McPherson Esq. Ch.

(1907) W Hartree Church 1 mile NE
Slaton Station 3 1/2 . NW
"In the open"

K. B. Annual values rejected from Survey, 1929

10.1969

RAINFALL at E. Harptree Harptree Hill

County of Somerset

Observer J. A. McPherson Leg C.E.

River Basin Lower Arun

Snowdon Rain Gauge, by.

Diameter ...	8										
Height	10										
Altitude ...	784										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.49	1.66	4.05	6.53	1.40	4.36	2.79	1.49	3.87	5.82	11
February ...	6.68	3.23	3.58	1.20	4.40	5.65	5.62	1.57	2.81	3.69	11
March75	2.95	5.54	4.46	6.72	1.31	4.03	3.73	1.40	5.71	14
April	3.38	2.91	.28	3.84	2.40	1.65	2.81	2.63	3.07	2.64	11
May	2.59	1.00	2.49	3.25	2.26	3.82	4.42	2.30	2.00	1.13	9
June	5.85	2.40	4.72	2.05	2.22	.77	3.52	5.48	1.58	1.23	11
July	3.48	.69	2.54	.55	4.95	4.22	1.98	4.08	6.70	2.51	1
August	8.21	3.99	9.47	1.82	3.94	8.23	7.57	10.09	2.95	3.88	20
September31	1.50	.95	3.70	2.35	2.14	2.87	3.85	9.83	2.27	1
October ...	7.91	3.60	5.92	2.82	3.36	4.85	5.25	7.98	2.10	2.57	20
November ...	5.42	5.71	2.59	4.84	4.97	2.51	4.37	1.30	2.95	3.18	11
December ...	5.53	9.12	7.98	2.79	7.16	7.59	5.18	1.00	6.38	8.54	20
TOTALS ...	54.60	38.66	51.01	37.35	46.13	42.10	53.41	45.50	45.64	43.17	11

1910 page "In the sun"

N.B. Annual values rejected from Survey, 1929

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
9/10			Blagdon	3½ miles	NW	Whapton	1 mile	NE

1969
20RAINFALL at Hastee HillCounty of SomersetshireObserver J. G. McPherson Esq., C.E.River Basin 1 - L. ann.Broadstone Rain Gauge, by _____

Weekly

Diameter ...	8										5
Height	10										
Altitude ...	724										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920-30 MEANS.
January	5.42	5.27	4.77	2.85	5.05	4.05	6.44	4.73	9.40	1.96	6.37
February	1.87	1.33	5.35	10.27	.56	6.21	2.92	4.44	4.23	1.70	1.77
March	3.15	3.22	2.90	2.22	1.95	.43	1.22	5.21	4.35	.31	2.68
April	6.64	1.50	3.28	3.22	5.25	3.14	3.12	2.30	1.92	.88	2.78
May	2.65	2.70	1.23	2.13	5.73	5.14	3.06	1.63	.71	2.90	2.41
June	5.70	1.25	2.46	1.63	3.83	.03	2.93	4.48	2.80	1.91	1.78
July	8.78	.93	5.89	2.33	5.11	4.90	3.59	5.55	4.18	2.23	3.52
August	1.81	2.39	4.99	5.55	6.43	4.88	3.54	7.53	4.70	5.60	8.14
September	1.61	2.69	3.89	4.45	3.73	4.63	2.72	7.58	1.74	.55	5.14
October	3.72	1.25	1.70	6.18	7.34	4.45	6.45	3.83	7.86	7.38	4.30
November	2.34	2.66	2.39	4.47	3.90	3.19	8.54	5.25	4.13	11.61	5.43
December	3.94	3.13	5.64	4.82	4.56	1.36	.68	3.72	4.21	9.16	4.97
TOTALS...	47.63	26.39	44.49	49.12	53.34	45.41	45.21	56.25	50.23	46.19	47.29

1920 Sample in the open

N.B. Annual values rejected from Survey. 1929.

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.			Hastee Hill	3½ mi. N.W. (1926)		W. Hastings Compton Martin	1 mi. N.E. 3½ mi. N.E.	

RAINFALL at Harptree Hill.

County of Somersetshire.

Observer J. A. McPherson, Esq., C.E.

River Basin Lower Avon - 1

A. M. Paterson, Esq., C.E.

Type of Gauge Standard.

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

660556/26

Diameter	15											Totals Means
Height	1.0											
Altitude	784											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	3.22	4.70	3.39	3.38	1.77	4.86	6.64	5.97	6.64	2.53	42.13	
February	3.19	0.00	5.00	5.57	3.96	2.94	7.83	1.81	2.77	3.12	31.19	
March	1.79	2.88	4.46	3.07	1.12	4.31	3.97	1.35	1.91	3.54	26.39	
April	2.66	4.41	1.68	3.35	6.18	2.96	3.70	1.36	4.57	2.53	32.40	
May	4.12	5.94	1.99	1.71	1.74	1.40	2.96	3.05	1.36	2.78	27.05	
June	3.89	2.26	1.99	1.46	3.73	2.17	1.52	1.75	3.33	1.74	22.84	
July	6.97	5.59	2.78	1.04	3.8	6.75	3.50	3.94	5.26	6.01	42.22	
August	4.55	1.19	1.95	5.10	2.06	1.71	1.28	5.03	3.57	1.22	25.96	
September	2.18	7.32	2.85	3.47	8.15	4.20	2.75	4.19	1.57	2.28	38.96	
October	1.66	7.24	3.35	2.11	5.24	3.07	4.58	9.06	3.79	5.31	45.41	
November	5.53	2.95	0.81	1.78	7.97	5.77	2.76	7.56	11.11	11.11	57.35	
December	1.23	3.45	1.43	11.16	5.36	4.38	2.55	5.50	3.89	3.10	42.35	
TOTALS	39.09	47.93	31.67	38.80	46.66	43.52	24.04	48.57	49.80	43.27	434.25	
	w	w	w	w	w	w	w	w	w	w	w	

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

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

Station No. T.F. 1969

RAINFALL at Haytree Hill.

41

County of Somersetshire

Observer A. Mr. Paterson Bag C.E.

River Basin Lower Avon

Type of Gauge Snowdon

Annual Average 43.9 in. based on 12 years obs. un-weighted. Period of average 1881 - 1915 Ref. P.B. 380

File No. 660556/26

Diameter	5"				416	895					
Height	1' 0"						1				
Altitude	784'						44				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.03	5.57	7.97	3.68	2.59	4.46	3.68	9.04	1.40	.84	43.26
February	4.09	3.30	2.28	1.05	4.04	4.34	1.25	2.50	2.67	8.91	31.43
March	4.68	2.83	1.27	1.35	1.42	1.34	7.02	2.19	1.92	2.35	25.87
April	1.29	1.41	1.37	3.97	1.18	3.75	3.63	1.87	2.15	3.37	23.99
May	2.06	6.60	3.23	1.34	3.67	4.61	3.31	5.36	5.95	2.67	38.80
June	2.13	.32	2.50	3.75	5.64	4.93	2.78	2.53	.82	2.19	27.62
July	2.34	3.77	3.12	3.66	1.76	1.85	4.05	1.75	1.58	6.77	30.65
August	7.73	6.22	6.29	3.37	3.83	5.42	1.18	6.50	3.15	7.65	51.34
September	.50	2.66	3.51	3.63	3.95	7.35	2.72	3.62	1.93	6.96	36.73
October	2.34	5.54	3.91	6.99	5.27	1.37	.93	5.37	6.59	2.24	40.55
November	3.10	1.48	3.10	8.38	.72	8.79	3.47	2.96	5.42	8.83	46.25
December	3.53	5.02	2.90	4.73	7.42	5.09	4.45	7.10	3.32	3.18	46.74
TOTALS	37.82	41.72	41.45	44.90	41.49	53.30	38.97	50.59	36.93	55.96	443.33

Total

43.26

31.43

25.87

23.99

38.80

27.62

30.65

51.34

36.73

40.55

46.25

46.74

443.33

46.74

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.

Station No. 1969

TE 11

51

RAINFALL at Harptree Hill

County of Somerset

Observer A. M. Paterson Esq. C.E.

River Basin Lower Avon - 1

R. W. M. Melvin Esq. (1950)

Type of Gauge Showdon

MKII a. inspection

Annual Average 43.9 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 380.
45.6 " " 30 " within 1927-57 196-50

E 217 341/5 File No. 660856/26

Diameter ...	5"				416	895					
Height ...	1' 0"						1				
Altitude ...	784'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.55	3.89	.76	2.36	4.12	6.48	5.08	3.49	5.51	4.56	3.980
February ...	6.05	.91	2.04	5.07	2.96	.30	4.66	5.21	.36	3.27	30.83
March ...	4.68	5.16	1.06	4.39	1.43	1.81	3.76	1.71	5.17	2.55	31.72
April ...	4.72	2.40	4.07	.67	1.79	1.76	.27	1.75	4.05	2.44	23.82
May ...	3.90	4.31	2.73	3.53	4.66	.76	2.98	6.01	1.47	1.41	29.47
June99	5.41	2.80	5.44	3.98	3.08	2.42	3.56	2.37	3.95	34.00
July ...	2.24	1.02	6.22	4.16	.23	3.11	5.66	4.32	2.78	6.31	36.05
August ...	7.16	5.86	4.48	4.17	.94	4.88	5.74	5.48	1.35	6.71	46.74
September ...	3.47	4.56	4.48	6.76	3.55	6.72	6.33	6.97	.40	5.24	47.48
October ...	1.01	5.61	3.01	5.10	1.83	1.91	4.45	4.81	3.85	9.04	40.62
November ...	10.98	4.83	2.93	8.64	5.64	.98	3.63	3.49	6.33	6.38	53.83
December ...	3.38	3.57	1.20	3.59	6.26	4.17	3.62	6.77	9.71	6.14	41.34
TOTALS ...	53.13	47.47	35.78	53.80	36.38	33.95	48.60	51.57	43.35	58.00	46.03

Inspected 2.11.53 Mr. Deeks. Gauge sound, means certified, site satisfactory.

Position of Station on Ordnance One-Inch map :

No. of Map 165

National Grid Reference 31/56359

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓
	- 21	-	-	-	-