

# 80

## RAINFALL AT E. Harptree Harptree Church

Lat. ....

Lon. ....

 County of Somerset

Rain Gauge, by .....

 Observer W. W. Kettlewell, Esq.
L. ann - 1.

Diameter ....			5								
Height .....			5		1.0						
Altitude ....			345					346			
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January... ..		#	3.21	5.18	5.49	4.30	5.90	4.46	1.15	1.01	
February ....			2.45	5.31	2.52	4.65	1.38	1.06	1.97	2.74	
March .....			2.92	1.26	4.85	1.50	3.40	3.50	4.75	4.91	
April .....			6.16	1.02	2.31	3.66	4.54	2.24	3.17	4.72	
May .....			1.29	1.84	2.21	3.74	6.39	2.71	1.94	3.53	
June .....			4.63	3.24	3.38	1.45	1.21	.96	3.41	1.17	
July .....			5.87	4.77	4.30	.85	3.49	1.55	8.79	2.66	
August .....			4.13	3.41	3.05	3.19	1.98	1.59	3.24	5.87	
September....			4.12	5.68	2.61	6.72	2.89	4.96	1.59	1.49	
October .....			6.69	4.63	1.30	6.79	6.25	3.08	1.84	4.39	
November....			6.80	7.35	2.56	5.94	6.72	3.90	7.49	2.29	
December ....			6.43	2.24	6.82	1.92	7.60	4.04	3.93	3.40	
TOTALS ....			5.70	4.59	4.40	4.21	5.75	3.40	5.43	3.18	

1882 E. Harptree Church 440 yards W by N  
 Very light iron bellis 10ft high 10ft NNE  
 1882 gauge raised to 12 in above ground on Dec: 31.

# RAINFALL AT *E. Harptree Harptree Court*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Somerset*

Rain Gauge, by \_\_\_\_\_

Observer *W. W. Kettlewell Esq*

*L. 1000 - 1.*

Diameter ....	5											
Height .....	10											
Altitude ....	346 N											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	5.40	4.62	2.48	3.50	4.06	5.06	1.33	1.83	.85	7.60	3.673	
February ....	.93	.00	2.44	6.64	4.96	.36	.63	3.77	3.20	4.09	2.702	
March .....	2.09	3.35	1.10	.47	3.89	4.68	4.54	5.53	1.01	1.77	2.812	
April .....	2.79	1.62	1.51	.11	3.48	3.54	.70	5.23	2.50	4.33	2.581	
May .....	2.17	4.05	1.47	1.21	3.02	.39	.26	1.64	4.53	3.02	2.176	
June .....	3.63	1.97	3.01	1.17	2.77	.69	2.04	2.51	2.56	1.16	2.151	
July .....	5.06	3.42	4.00	5.42	5.84	4.88	1.44	1.99	.58	.30	3.293	
August .....	3.91	8.60	5.48	2.31	3.42	3.25	2.50	7.02	3.36	.89	4.074	
September....	2.12	2.61	4.62	3.08	2.96	1.09	8.51	4.62	1.75	4.92	2.628	
October .....	2.63	10.04	4.11	4.99	3.98	4.36	3.58	1.93	5.77	4.49	4.588	
November....	3.85	4.59	3.14	3.25	6.95	7.35	1.17	2.47	4.87	4.54	4.218	
December ....	1.61	7.53	2.60	4.71	3.47	3.61	7.17	6.94	6.25	3.16	4.706	
TOTALS ...	36.19	52.40	35.96	36.86	48.80	39.26	33.87	45.48	37.23	40.27	40.632	

1890 East Harptree 440 yds W by N  
 In 2 hills 10 ft high 10 ft N by E

# RAINFALL AT E. Harptree Harptree Court

Lat. .... Lon. .... County of Somerset North

Copper Rain Gauge, by N. & J. Observer W. W. Kettlewell Esq

L. avon - 1.

Diameter ..	5										
Height ....	10										
Altitude ..	346										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.70	2.86	2.27	5.78	4.61	.99	7.42	1.95	1.95	2.01	3.654
February ..	7.14	1.42	1.47	2.92	5.74	1.55	3.75	2.58	2.40	1.09	3.006
March ....	2.29	3.46	3.16	6.32	2.16	6.51	3.17	1.34	3.93	4.78	3.712
April .....	2.67	4.10	1.52	4.13	2.73	3.33	1.22	4.24	4.03	3.77	3.174
May .....	3.32	1.32	2.63	2.43	3.80	.11	5.15	3.62	2.27	2.78	2.743
June .....	4.21	1.63	4.02	5.07	1.81	5.53	3.05	3.76	.35	4.18	3.361
July .....	.95	2.46	2.37	3.23	3.27	.67	1.20	3.92	3.77	3.53	2.527
August ....	4.94	2.11	4.19	6.10	3.32	4.86	3.38	3.17	6.15	3.47	4.169
September ..	1.87	2.71	1.96	3.82	2.58	1.92	1.21	.99	4.20	3.99	2.525
October ....	4.69	2.76	3.32	10.98	1.89	2.43	7.89	6.49	1.81	7.65	4.991
November ..	4.46	1.16	4.10	2.90	3.15	4.28	5.17	3.92	1.10	1.70	3.194
December ..	9.03	8.39	3.87	4.32	2.73	1.43	2.89	6.53	4.17	6.55	4.991
TOTALS ..	52.27	34.38	34.88	58.00	37.79	33.61	45.50	42.51	36.13	45.50	42.057

1900 East Harptree Church 440 yards W & by N  
 Zeeho 10 ft high 10 ft N. N. E  
 1903 Clutton Station 5 3/4 miles N E

H. W.



RAINFALL at E Harptree Harptree CourtCounty of SomersetObserver W. W. Kettlewell Esq GenlRiver Basin Lower Avon 1Mr F. CurtisRain Gauge, by N+3

Diameter ...	5										
Height .....	10										
Altitude ...	346 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.84	2.56	5.54	6.98	1.28	5.52	1.84				
February ...	8.08	3.54	3.75	1.96	5.39	7.75	5.90				
March .....	.99	3.34	9.22	5.04	7.14	1.21	3.67				
April .....	2.98	3.31	.30	4.60	3.52	2.11	2.39				
May .....	2.75	1.71	2.23	3.08	2.65	4.07	3.91				
June .....	5.75	1.81	4.50	2.18	2.14	.58	2.98				
July .....	3.92	.03	4.00	.62	5.06	4.11	1.20				
August .....	8.34	4.27	9.55	1.32	3.08	3.58	6.84				
September ..	.26	1.47	.84	3.03	2.44	2.00	1.90				
October ...	7.33	4.42	6.50	2.82	3.45	4.51	7.92				
November ..	6.54	6.22	2.78	4.96	5.25	2.05	1.32				
December ...	6.66	10.39	8.91	2.60	9.06	8.42	5.96				
TOTALS ...	59.44	43.07	58.12	39.19	50.46	45.91	45.83				
	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>				

1910 Iron hills 10 ft high 10 ft NNE

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51° 57' 18"	2° 37' W	Chilton	6 miles	NE	E Harptree	440 yds	W by N

RAINFALL at East Harptree (Hampshire County)County of HampshireObserver A. M. Parkinson Esq., S.E.River Basin Lower Ouse - 1

Type of Gauge.....

Annual Average 39.9 in. based on 3 years obs. un-weighted. Period of average 1881-1915 Ref. P. 6380

660556/26

f336640/37

Diameter .....											
Height .....											
Altitude .....							(300)				
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....					# .98	5.47	6.59	5.66	5.86	2.48	
February .....					4.31	3.01	7.27	1.63	2.58	2.67	
March .....					.84	3.80	4.36	.29	1.70	3.42	
April .....					5.31	2.29	3.26	.26	4.30	2.39	
May .....					1.65	1.11	2.85	2.52	1.12	2.99	
June .....					3.98	2.54	1.62	1.52	2.71	.69	
July .....					.49	6.27	2.70	3.37	4.01	4.70	
August .....					1.78	.62	1.09	4.58	2.96	.30	
September .....					7.71	3.66	2.41	2.54	1.27	2.13	
October .....					5.06	2.52	3.96	8.59	3.75	5.05	
November .....					8.13	5.57	2.59	6.98	10.26	11.19	
December .....					5.15	4.33	2.64	4.79	3.64	2.24	
TOTALS .....					45.39	41.19	41.24	42.73	44.16	40.25	

Inspected 1937. Correct for level. G. exposed in raised-in enclosure 11½' sq. in which grass requires cutting. Oak 20 yds E of gauge.  
 site selected by Dr Glasspool x134

There was a record at Harptree Court up to 1916.

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

Station No. T.F. 1969/3RAINFALL at East Harptree (Harptree Court)

41

County of SomersetObserver A. M. Paterson Esq. C.E.River Basin Lower Avon

Type of Gauge

Annual Average 39.9 in. based on 3 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 380File No. 660556/26

Diameter	5"				416	829					
Height	1'0"					1					
Altitude	(300')					41				900'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.87	5.15	7.72	3.12	2.54	3.81	3.50	9.22	1.21	.78	
February	3.68	.26	2.29	.85	3.97	4.31	1.40	2.06	2.44	8.95	
March	4.49	2.56	1.18	.35	1.14	1.29	7.17	2.16	1.61	2.23	
April	1.20	1.81	1.30	2.99	1.30	3.91	3.60	1.72	1.99	3.63	
May	1.93	6.70	3.55	1.41	3.19	4.54	3.18	5.14	4.61	2.46	
June	2.33	.37	2.17	3.13	4.72	4.40	2.34	2.42	.49	2.15	
July	2.04	3.79	2.62	3.07	1.61	1.35	3.40	1.58	1.20	5.73	
August	6.50	5.69	5.26	2.91	3.39	4.50	1.34	4.66	3.33	6.51	
September	.73	2.96	3.10	3.44	3.25	6.56	2.46	3.15	1.74	5.65	
October	2.19	5.16	3.62	6.44	4.69	1.26	.73	4.43	6.89	2.08	
November	3.11	1.56	2.85	7.88	.44	7.99	3.22	2.23	4.64	8.42	
December	2.54	4.88	2.66	4.19	7.32	4.48	4.30	6.32	3.32	3.26	
TOTALS	34.61	40.89	38.32	39.78	37.61	48.40	36.64	45.59	33.47	51.85	
	W	W	W	W	W	W	W	W	W	W	

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

BRITISH RAINFALL ORGANIZATION



Station No. 1969/3-611**RAINFALL** at East Harptree (Harptree Court)

51

County of SomersetObserver A.M. Paterson Esq. P.E.River Basin Lower Avon - 1R.W. in Melbury Key.Type of Gauge Mk II - inspectionAnnual Average 39.9 in. based on 3 years obs. unweighted. Period of average 1881-1915 Ref PB 380E 21724/57 File No. 660656/26

Diameter ...	<u>5 1/4</u>				<u>4 1/2</u>	<u>8 2/9</u>					
Height ...	<u>11 0"</u>					<u>1</u>					
Altitude ...	<u>306'</u>	<u>308'</u>				<u>51</u>					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	<u>4.08</u>	<u>4.28</u>	<u>.70</u>	<u>2.14</u>	<u>3.84</u>	<u>5.84</u>					
February ...	<u>6.42</u>	<u>.77</u>	<u>2.74</u>	<u>4.61</u>	<u>2.83</u>	<u>.27</u>					
March ...	<u>4.06</u>	<u>4.41</u>	<u>1.13</u>	<u>4.34</u>	<u>1.39</u>	<u>#</u>					
April ...	<u>4.60</u>	<u>2.38</u>	<u>3.64</u>	<u>.55</u>	<u>1.59</u>						
May ...	<u>3.84</u>	<u>3.92</u>	<u>2.45</u>	<u>3.50</u>	<u>4.60</u>						
June ...	<u>.74</u>	<u>4.15</u>	<u>2.57</u>	<u>4.99</u>	<u>3.60</u>						
July ...	<u>2.53</u>	<u>.88</u>	<u>5.60</u>	<u>4.03</u>	<u>.19</u>						
August ...	<u>6.31</u>	<u>6.82</u>	<u>3.77</u>	<u>3.35</u>	<u>.79</u>						
September ...	<u>3.00</u>	<u>4.20</u>	<u>4.77</u>	<u>5.80</u>	<u>2.69</u>						
October ...	<u>.81</u>	<u>5.32</u>	<u>2.88</u>	<u>5.00</u>	<u>1.86</u>						
November ...	<u>9.64</u>	<u>4.65</u>	<u>2.76</u>	<u>8.25</u>	<u>6.66</u>						
December ...	<u>3.22</u>	<u>3.10</u>	<u>1.07</u>	<u>3.50</u>	<u>6.15</u>						
TOTALS ...	<u>49.25</u>	<u>44.88</u>	<u>34.08</u>	<u>50.06</u>	<u>33.97</u>	<u>Inc.</u>					
	<u>W</u>	<u>W</u>	<u>W</u>	<u>W</u>	<u>W</u>	<u>NP</u>					

Inspected 1.11.55 by Dials. Gauge sound, no new certified, site of tree 50' E 50'.  
Lopping recommended.

1956. Discontinued use. 1st March 1956.

Position of Station on Ordnance One-Inch map: No. of Map 165 National Grid Reference 31/576.559

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
			<u>c 1935</u>	<u>✓</u>	