

# RAINFALL AT *Sturminster Marshall Bailie House*

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of *Dorset*

*Stone - 14.* Rain Gauge, by \_\_\_\_\_ Observer *J. P. 20 H. P. Eaton Esq*

Diameter . . .								5			
Height . . . .								6			
Altitude . . .								85			
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January . . .								2.36	.80	4.29	
February . . .								3.81	1.58	3.60	
March . . . .								5.02	.91	.81	
April . . . . .								3.25	1.71	3.10	
May . . . . .								1.72	3.64	1.17	
June . . . . .								2.94	1.05	1.58	
July . . . . .								.45	.58	.92	
August . . . .								3.80	1.56	1.26	
September . .								3.29	1.43	2.41	
October . . . .								1.47	4.73	2.73	
November . . .								1.20	4.08	4.87	
December . . .								5.79	3.86	2.32	
TOTALS . . . .								35.10	25.93	29.06	

# RAINFALL AT *Sturminster Marshall Bailie House.*

Lat. ....

Lon. ....

County of *Dorset*

Rain Gauge, by .....

Observer *R. J. Cross*

*Stone - 14.*

*N. E. Calver*

Diameter ..	5										
Height ....	0 6										
Altitude ..	85										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	4.19	2.28	1.03	2.88	5.48	.91	8.05	1.05	1.05	1.04	2.796
February ..	5.22	1.80	2.15	2.02	4.71	.79	3.79	1.49	1.23	.51	2.871
March ....	1.05	2.18	2.35	3.91	1.62	5.18	1.03	.59	3.45	4.52	2.588
April .....	1.32	2.65	1.69	3.27	1.24	1.75	1.38	3.82	2.37	1.27	2.076
May .....	1.59	1.09	2.29	3.63	2.67	1.00	2.68	1.85	2.46	1.54	2.080
June .....	2.35	1.58	3.61	2.66	1.01	2.19	1.54	2.07	.34	3.68	2.103
July .....	.72	2.05	1.69	3.35	3.26	.36	1.92	1.00	2.11	2.43	1.889
August ....	2.98	2.17	4.89	4.44	4.39	3.12	1.06	1.44	4.26	2.70	3.145
September ..	1.26	4.24	1.49	2.35	2.56	1.89	.91	.55	2.21	3.39	2.085
October ....	3.41	2.66	2.70	8.90	2.31	2.53	6.40	10.37	2.65	8.07	5.000
November ..	4.56	.58	4.44	1.61	1.53	4.81	4.32	2.91	.96	.65	2.637
December ..	5.55	4.96	2.02	3.37	3.40	.78	2.13	3.64	3.34	4.76	3.395
TOTALS ..	34.20	28.24	30.35	42.39	34.18	25.31	35.21	30.78	26.43	34.56	32.165

1905 Baileygate Station Low 4.11

# RAINFALL AT *Sturminster Marshall Barchin House*

Lat. ....

Lon. ....

County of *Dorset*

Rain Gauge, by .....

Observer *Red J. Cross*

*Stour - 4. M*

Diameter ..							5				
Height ....							6				
Altitude ..							85				
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..				2.77	5.34	.90	8.21	1.02	1.05		
March ....			2.10	2.03	4.69	.78	3.88	1.45	1.26		
April .....			2.26		1.56	5.24	1.05	.52	3.47		
May .....			1.59		1.19	1.74	(1.38)	3.79	2.12		
June .....			2.25	3.53	2.62	.96	2.51	1.40	2.39		
July .....			3.45	2.60	.98	2.09	1.50	1.99	.32		
August ....			1.66	3.25	3.08	.36	2.04	1.00	2.01		
September ..			4.71	4.26	4.31	3.00	1.08	1.36	4.25		
October ....			1.45	2.28	2.54	1.84	.88	.52			
November ..			2.73	8.67	2.20	2.50	6.29	10.23			
December ..			4.30	1.55	1.54	4.82	4.22	2.87	.89		
TOTALS ..			2.01	3.21	3.35	.82	2.01	3.71			
					33.40	25.05	(35.10)	30.36			

*2 2 up 3*

RAINFALL at Sturminster Marshall Bailie HouseCounty of DorsetshireObserver Rev J. GossRiver Basin Stour 4

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

*Monthly*

Diameter ...											
Height .....											
Altitude ...	85										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.62			5.78	.49	3.21	1.54				
February ...	4.24			1.47	4.65	6.39	5.10				
March .....	.83			3.05	4.99	.82	3.26				
April .....	2.15			3.65	1.13	1.15	.72				
May .....	1.47			2.26	1.52	2.50	1.86				
June .....	3.06			.88	.72	.78	2.44				
July .....				1.59	3.66	3.96	.96				
August .....				1.47	3.25	1.28	4.59				
September ...				3.51	1.86	2.11	2.87				
October ...				4.34	2.84	6.95	5.62				
November ...				3.89	6.28	3.23	5.43				
December ...				2.17	8.55	9.10	4.54				
TOTALS ...				34.06	39.94	41.48	38.93	NR			

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<i>Barleygate</i>	<i>1/4 m</i>				



RAINFALL at Sturminster Marshall Bailie HouseCounty of DorsetshireObserver Rev J. CrossRiver Basin Ston 4

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

Diameter ...	5										
Height .....	6									10	
Altitude ...	85						58	85			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.67	1.52	4.94	5.72	.46	3.23	1.38	1.18	3.96	6.41	
February ...	4.21	1.79	2.99	1.47	4.72	6.20	5.15	.99	1.56	3.77	
March .....	.85	2.31	5.13	3.04	5.04	.81	3.48	3.06	1.35	5.60	
April .....	2.10	1.70	.12	3.70	1.14	1.18	.67	2.10	1.93	1.66	
May .....	1.55	.90	1.79	2.27	1.49	2.56	1.90	3.87	1.54	.85	
June .....	3.14	1.90	3.93	.88	.74	.79	2.42	1.64	.83	1.06	
July .....	2.81	.16	2.74	1.64	3.78	3.94	.93	2.37	4.00	2.48	
August .....	2.53	.77	7.65	1.49	3.38	1.27	4.78	5.74	2.46	2.88	
September ..	.36	1.53	1.99	3.61	1.92	2.14	2.94	1.98	6.77	1.78	
October ...	6.07	4.25	4.28	4.40	3.15	7.09	5.49	5.65	1.87	1.43	
November ..	3.77	4.58	2.00	3.93	6.36	3.30	5.24	.88	2.67	2.63	
December ...	5.98	7.90	4.94	2.11	8.36	8.92	4.69	1.10	2.84	8.49	
TOTALS ...	37.04	29.31	42.50	34.26	40.54	41.43	39.07	30.56	31.78	35.74	
	D	2	7	7	2	2	3	3	2	2	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Parlygate	1/4 mile	N			

RAINFALL at *Sturminster Marshall (Baulfe Road)*County of *Dorsetshire* Observer *Rev. J. Cross*River Basin *4. Stour**Howard* Rain Gauge, by

Diameter ...	5										
Height .....	1.0										
Altitude ...	85										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...	4.28	3.53	4.93	1.62	4.59	5.42	4.86	2.48	5.70	1.58	4.50
February ...	4.6	4.7	2.91	6.91	.66	4.58	2.26	3.80	2.85	1.45	1.03
March .....	2.40	1.54	3.09	1.60	1.98	.87	.40	3.52	2.92	.19	1.44
April .....	3.40	.97	3.38	3.97	3.36	2.39	3.91	2.42	1.74	.76	2.33
May .....	1.05	1.68	.58	1.75	5.74	4.14	2.09	1.13	1.74	2.34	2.39
June .....	2.26	.64	.85	.49	2.12	.00	3.19	2.86	2.37	1.54	.54
July .....	5.23	.47	5.41	.87	3.29	2.86	2.10	3.10	1.39	1.33	1.83
August .....	1.49	2.22	3.45	2.75	2.70	2.22	.93	3.99	2.67	1.92	4.49
September...	1.63	1.09	1.82	2.74	3.58	3.62	.63	6.06	2.13	.84	3.51
October .....	2.77	1.14	1.50	5.86	5.28	5.18	4.79	2.70	7.93	4.38	2.77
November...	1.87	2.57	2.20	1.94	4.16	3.25	11.4	3.38	3.54	9.84	6.46
December...	5.68	1.76	5.20	4.12	6.84	4.23	.43	4.61	3.41	7.50	4.16
TOTALS...	30.52	18.08	35.32	34.62	44.30	38.76	37.06	40.05	38.39	33.07	35.45
	D	D	D	D	D	D	D	D	D	D	D

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
			<i>Bokerlyoke</i>	<i>1/2 mile</i>	<i>N.</i>	<i>Sturminster Marshall</i>	<i>1 1/2 mi</i>	<i>N.</i>

RAINFALL at Sturminster Marshall (Baitie Ho.)County of Dorsetshire Observer Rev. J. Cross died 3.XII.31.River Basin Stour - H. F. Hewitt Esq. died 1938Type of Gauge Glaisher (1832) Snowden H. L. Pinner Esq. SwingsAnnual Average 32.6 in. based on 29 years obs. un-weighted. Period of average 1881/1915 Ref. 949582/29

Diameter	8.											
Height	1.0.											
Altitude	85.					86			80			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.22	2.77	2.95	2.92	.86	5.32	6.51	3.60	6.60	3.49	37.24	
February	2.22	.03	4.46	.06	3.52	3.02	6.16	.88	1.76	4.55	26.66	
March	1.11	1.55	4.06	3.14	.95	3.83	3.59	.21	1.00	2.90	22.34	
April	2.31	2.79	1.61	1.86	4.11	1.97	2.16	.00	2.28	1.35	20.44	
May	3.14	2.94	1.35	.85	1.24	.52	3.62	1.52	1.19	.97	17.34	
June	3.50	2.72	.92	1.19	4.36	2.68	.44	.64	2.54	.25	19.24	
July	3.95	3.17	2.23	.96	.66	4.13	1.66	2.56	5.08	3.44	27.84	
August	4.31	.70	1.15	3.60	3.34	.20	1.44	3.42	3.66		21.82	
September	1.43	3.77	1.92	2.36	3.54	3.28	3.60	3.14	2.00	2.14	27.18	
October	.89	5.92	1.71	1.65	6.81	1.68	6.59	3.59	6.42	6.46	41.72	
November	5.25	2.60	.87	2.36	8.53	3.73	1.46	5.95	7.12	9.32	47.19	
December	1.31	1.65	1.19	10.35	5.52	3.57	4.65	4.16	2.02	3.17	37.59	
TOTALS	31.64	30.61	24.42	31.30	43.44	33.93	41.88	29.67	41.67	38.04	346.60	88.

G. moved during 1931 to Sturminster Newton (Bagebury Bryan)

Records continued by F. Hewitt

1931. Oak tree, about 30' high, 25 yds. E. E.

1939. Hedge 10' high, 20 yds S.

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	Parish Church.	Distance from gauge	Direction
1931.			Bailey Gate	500 yds. N.		St. Mary's	1 m.	N.



RAINFALL at

Sturminster Marshall.

Station No.

161

41

County of

Dorset.

Observer

H. L. Barnes Esq

River Basin

Sturminster - H.

Type of Gauge

Glaisher.

Annual Average 32.6 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

949582/29.

Diameter	8"										
Height	1'0"										
Altitude	85'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.51	5.18	7.63	2.39	(2.64)						
February	4.21	25	1.17	.48	2.25						
March	2.82	2.16	.91	.39	.93						
April	2.81	2.53	(.82)	1.95	.60						
May	2.37	4.15	2.89	.49	2.18						
June	1.87	.42	1.48	1.94	2.94						
July	1.91	1.19	2.09	2.61	(1.15)						
August	4.29	3.51	1.60	2.77	2.33						
September	.83	2.99	2.02	2.08	2.81						
October	.81	4.88	5.05	4.84	3.96						
November	1.81	1.91	2.13	7.48	.54						
December	3.07	5.38	3.50	2.99	4.74						
TOTALS	31.31	34.55	31.29	30.41	(27.07)	N.R.	N.R.				
	d.	d.	d.	d.	(2.0)						

1945 Jan adj. for snow, July pr. est'd.

1948. No response to letters of 2-11-38 applications station therefore assumed terminated

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	Parish Church.	Distance from gauge.	Direction
1941			Bailey Gate	1 mile	N.	Sturminster Marshall	1 mile	N.

BRITISH RAINFALL ORGANIZATION