

# Rainfall at *The Three Counties Asylum*.

## Stotfold Beds.

60

*Wm Deane*

Diameter of Gauge, ... *5*... in.

Height above Ground, ..... ft. *9*... in.

Above Mean Sea Level, *220*... ft.

*one - 3.*

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			<sup>#</sup> 1.41	2.25	.87	2.52	2.08	2.19	2.87	2.60	
February - -			.41	.54	.57	2.02	2.14	1.23	.67	2.08	
March - - -			2.87	.65	3.44	.89	1.76	1.98	2.11	1.49	
April - - -			1.91	.61	.89	.53	1.51	2.54	1.47	1.47	
May - - -			2.63	.87	2.06	1.71	1.09	3.42	.50	3.10	
June - - -			1.74	2.38	3.00	2.21	2.03	1.08	.50	1.07	
July - - -			1.29	.62	.36	4.28	2.30	3.90	.29	.50	
August - -			2.49	1.63	.63	4.11	3.29	1.74	4.27	.76	
September -			1.55	1.92	1.72	.50	2.99	1.64	2.56	2.50	
October - -			2.71	1.74	1.45	5.74	1.33	1.79	2.89	1.50	
November -			1.21	2.09	1.87	3.09	1.49	.21	.94	2.45	
December -			1.32	.83	.73	1.16	1.63	1.50	3.49	2.93	
TOTALS -			21.54	16.13	17.59	28.78	23.64	23.22	22.56	22.53	

*c c c c c c c c c c*

RAINFALL AT Stotfold [Baldock]Three Counties Anglian

Lat.....

Lon.....

County of... Bedford

Rain Gauge, by.....

Observer

M. C. DennisEsq.one - 3.

Diameter.....	.5					5						
Height.....	.9					9						
Altitude.....	220					220						
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.13	.89	3.05	2.51	1.19	2.23	1.63	3.25	1.29	1.76	1.893	
February.....	1.26	1.24	.89	1.47	1.04	.76	1.97	2.23	.88	3.02	1.476	
March.....	2.00	1.13	1.62	1.40	.56	.46	2.34	1.88	.76	.63	1.278	
April.....	-.39	2.04	2.34	.65	1.53	1.40	1.88	2.78	1.98	2.20	1.719	
May.....	.66	.90	3.15	1.98	1.37	1.75	.77	2.36	3.75	2.85	1.954	
June.....	.87	2.51	3.00	1.69	1.33	3.04	1.22	.60	2.09	4.25	2.060	
July.....	1.24	3.70	2.89	1.70	.58	5.92	.68	2.84	.66	4.14	2.435	
August.....	1.16	-.41	1.75	2.35	1.63	1.81	1.64	3.45	4.73	3.93	2.286	
September.....	1.14	4.87	1.09	2.40	2.16	2.50	4.30	1.31	.97	2.57	2.331	
October.....	2.73	.78	3.30	2.09	2.86	3.67	1.65	1.17	1.74	.52	2.057	
November.....	1.02	.48	3.03	2.27	1.78	3.67	3.38	3.20	3.56	.75	2.314	
December.....	2.28	.93	3.95	.44	1.52	(1.69)	4.83	1.77	1.04	.41	1.886	
TOTALS.....	15.88	19.88	30.06	20.95	17.55	(28.90)	26.29	26.84	23.45	27.03	23.689	

1874 Measuring glass broken on 7<sup>th</sup> March new one obtained on the 9<sup>th</sup>

1875 In Jan'y there were 2½ inches snow in Dec<sup>r</sup> 10 inches not measured as rain but .83 has been added to the Dec<sup>r</sup> amount as compensation

RAINFALL AT *Baldock, Stotfold* *Three Counties*

Lat. ....

Lon. ....

County of *Bedford*

Rain Gauge, by .....

Observer *Dr Swaine*

June - 3.

Diameter ....	5										
Height .....	9							1.0			
Altitude ....	220										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	30	93	1.00	1.62	1.64	1.64	2.36	1.60	.67	1.09	1.285
February .....	1.90	2.22	1.55	3.04	.90	1.89	.34	.63	1.41	1.88	1.576
March .....	.75	1.11	1.17	.91	.87	.97	1.22	1.15	2.47	1.42	1.204
April .....	1.28	.62	2.86	1.89	1.25	2.65	1.52	.99	1.51	2.48	1.725
May .....	.86	.58	1.10	1.57	.44	2.39	4.42	2.22	.88	4.05	1.851
June .....	2.24	1.53	1.99	2.32	1.67	2.48	.82	.90	1.45	1.85	1.725
July .....	4.12	2.02	1.82	3.08	4.66	.24	1.93	.76	2.71	2.91	2.425
August .....	1.12	4.21	1.35	1.00	1.60	2.00	1.08	1.21	3.00	1.35	1.792
September ...	4.67	1.55	1.91	3.27	1.93	3.37	1.17	3.09	1.69	1.86	2.481
October .....	5.43	1.90	5.10	1.49	1.24	4.46	2.97	1.49	.91	3.07	2.806
November ....	2.12	1.93	2.34	2.88	1.28	3.01	2.62	2.50	3.62	.75	2.305
December ....	2.22	3.15	2.29	.84	1.67	.62	2.95	1.00	1.18	.83	1.675
TOTALS ....	27.01	22.25	24.48	23.91	19.15	25.72	23.40	17.54	21.50	23.54	22.850

1882 *Stotfold Church* <sup>1 1/4</sup> 2 miles NNE  
 Asylum 50ft high 90ft N

1882 looks small.



## RAINFALL AT

Stotfold [Baldock] Three Counties  
Asylum

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

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

County of

Bedford

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

Observer

Dr Swain

Case-3.

Diameter ....	5											
Height .....	10											
Altitude ....	220 T											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	1.93	1.50	.89	1.81	1.67	3.01	.76	2.55	.82	2.40	1.734	
February ....	.77	.03	1.57	2.73	1.61	.64	.62	2.25	.98	1.44	1.264	
March .....	2.43	1.86	.99	.26	.92	1.65	3.56	3.90	1.27	.75	1.759	
April .....	.57	.77	.92	.13	.93	1.13	.61	1.85	1.53	2.89	1.133	
May .....	1.72	3.29	1.68	1.27	1.85	.76	.39	1.18	3.43	1.99	1.756	
June .....	2.09	1.50	3.71	.93	1.90	.50	1.50	3.84	1.85	.75	1.857	
July .....	3.21	3.04	3.30	4.24	2.81	4.08	.92	.72	1.64	2.24	2.620	
August .....	1.29	3.77	2.73	3.43	3.25	6.11	2.00	2.83	2.17	.83	2.841	
September....	.26	.96	2.39	1.09	1.36	.84	5.91	2.93	.21	1.72	1.767	
October .....	1.73	6.56	3.82	3.89	2.48	2.23	3.21	.91	2.47	2.90	2.020	
November....	1.81	2.25	1.48	2.17	5.20	3.40	1.15	1.36	2.29	3.01	2.412	
December ....	.67	3.05	1.36	1.66	1.51	2.12	3.08	2.25	2.52	1.45	1.967	
TOTALS . . .	18.48	28.58	24.84	23.61	25.49	26.47	23.71	26.57	21.18	22.37	24.130	

1890 Stotfold Church 1/4 mile. N E

# RAINFALL AT Stotfold [Baldock] Threefounts Asylum

Lat. .... Lon. .... County of Bedford  
 Rain Gauge, by ..... Observer Dr J. E. de Lisle

June 3.

Diameter ..	5										
Height ....	10										
Altitude ..	220 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.94	.70	.61	2.26	1.33	1.06	2.74	.86	1.07	.78	1.435
February ..	4.04	.95	1.08	.78	2.95	.89	1.26	1.05	1.11	.35	1.446
March ....	.66	2.53	1.05	2.73	1.41	2.15	1.56	.70	2.33	2.79	1.791
April .....	1.22	2.30	.54	1.42	.98	1.53	.69	2.61	2.48	1.25	1.502
May .....	1.02	1.29	2.46	2.82	1.34	1.50	.86	3.46	1.22	1.64	1.761
June .....	2.31	1.31	2.48	6.22	1.02	2.72	3.41	1.48	1.00	4.70	2.665
July .....	1.89	1.99	1.23	4.07	2.54	1.17	.41	1.49	2.08	2.86	1.973
August ....	3.22	1.63	3.77	3.30	1.30	4.30	.65	1.90	2.10	1.64	2.331
September..	.28	1.14	1.09	1.93	1.87	1.44	1.05	.43	1.19	1.71	1.213
October ....	1.96	1.50	1.52	5.20	1.26	1.22	3.18	3.05	1.27	3.77	2.393
November ..	1.74	1.06	1.23	2.30	.96	2.14	3.80	1.75	.74	.76	1.648
December ..	1.97	3.14	1.18	1.55	1.53	.68	2.36	2.86	1.45	2.75	1.947
TOTALS ..	23.25	19.54	18.24	34.58	18.49	20.80	21.97	21.64	18.04	25.00	22.155

1900 Stotfold Church  $1\frac{1}{4}$  miles NE  
 1903 Threefounts Station 1 - SW  
 asylum <sup>45</sup> 40 ft high <sup>100</sup> 60 ft N

Ans.

RAINFALL at Stotfold Three Counties AsylumCounty of BedfordshireObserver Dr J. O. Fuller P.D. Hunter M.D. 1919River Basin Ouse 3

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

Diameter ...	5												
Height .....	10												
Altitude ...	220	T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total	
January ...	1.39	.99	3.11	2.00	.82	2.76	.94	1.58	2.17	3.88	1.931	16.19	8.24
February ...	2.31	1.11	1.32	.69	1.68	2.61	4.02	.76	.64	2.51	1.765	7.93	
March .....	.84	1.77	2.51	2.04	3.07	1.98	4.83	1.39	.66	2.70	2.179	9.58	
April .....	2.25	1.08	.10	2.23	.75	.79	1.21	1.50	3.61	2.84	1.636	9.16	
May .....	3.29	1.65	1.36	1.49	1.01	1.77	1.65	2.41	1.95	.37	1.695	6.38	
June .....	1.04	1.92	2.89	.63	1.93	.96	2.79	3.03	.62	1.79	1.760	8.23	
July .....	1.73	.28	3.59	1.58	2.91	3.52	1.29	4.96	1.94	3.28	2.508	11.47	
August .....	1.94	1.54	6.01	.95	1.21	1.56	2.48	4.93	.78	2.30	2.365	10.44	
September ..	.80	1.05	2.08	1.46	.73	1.30	1.09	1.44	5.37	1.16	1.648	7.06	
October ...	2.15	2.44	1.75	2.76	2.03	1.05	2.31	3.88	1.05	.64	2.006	7.88	
November ..	3.38	2.32	1.74	1.84	2.54	2.00	2.90	1.09	2.14	1.58	2.156	7.74	
December ...	3.84	4.04	1.97	.84	6.14	3.57	2.61	.53	1.63	4.01	2.918	8.78	
TOTALS ...	24.96	20.19	28.43	18.51	24.82	23.87	28.15	27.47	22.51	26.76	24.567	106.89	4.47

1910 Building 48 ft high 100 ft T

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Three Counties	1 mile	SW	Stotford	2 1/2 miles	NE



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

Diameter ...	5"				9			5				
Height .....	1 0											
Altitude ...	220											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Means 1920.	
January ...	2.18	1.86	1.96	.96	2.35	.99	1.92	2.11	2.13	1.24	2.09	Totals 11.79
February ...	.36	.22	1.35	2.62	1.01	2.79	2.67	2.94	1.09	.54	.46	16.05
March .....	1.36	.71	1.45	2.15	.82	1.35	.18	1.83	1.05	.05	1.314	12.36
April.....	2.80	1.10	2.65	1.94	2.73	1.60	3.01	1.55	1.42	1.43	1.59	21.82
May .....	.68	.80	1.29	.97	5.01	1.89	1.90	.73	1.12	1.91	3.31	19.61
June .....	1.13	.42	.97	.62	1.78	.08	2.98	2.43	1.34	.71	.34	12.75
July .....	2.91	.14	3.44	2.73	3.55	2.47	3.23	3.08	2.41	1.16	2.46	27.58
August .....	.80	.94	1.79	2.24	2.78	2.34	.78	2.39	2.49	.43	2.56	20.17
September...	1.60	1.20	2.54	2.12	2.22	2.61	1.96	3.80	.81	.10	2.61	21.57
October.....	1.42	.55	.80	3.73	3.42	3.42	2.12	1.14	3.04	4.85	.73	24.92
November...	1.15	1.49	.88	.95	2.62	1.59	3.32	2.20	1.52	4.79	3.43	23.94
December...	1.42	1.27	1.76	1.95	1.99	1.37	.25	2.13	2.36	3.66	2.08	20.29
TOTALS...	17.81	10.70	20.58	23.58	30.28	22.50	24.32	26.45	20.78	20.92	23.00	240.95

1920 Building 48 ft high 100 ft - N.

1930. Hospital 50 yds. N.

Keels, various.

G. read 9 am winter summer

[illegible]

RAINFALL at Stotfold (Three Co. Mental Hosp.)County of BedfordshireObserver Dr. L. O. FullerRiver Basin Ouse - 3

Type of Gauge.....

Annual Average 22.6 in. based on 58 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. Summary

Diameter	5.								6		
Height	1.0.										
Altitude	220.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTALS Means
January	1.19	1.26	1.07	1.08	1.22	2.65	3.31	2.04	3.52	2.02	19.66
February	1.46	.23	1.43	.50	2.11	1.63	3.02	.37	.34	1.43	12.52
March	.41	1.48	1.47	1.26	.33	1.03	2.94	.19	1.42	2.46	12.69
April	2.64	2.11	1.14	1.67	2.64	1.53	2.46	.09	2.42	1.36	18.11
May	2.22	4.63	1.77	.64	1.39	.62	3.38	1.97	1.30	1.19	19.11
June	1.87	.47	1.45	.67	1.79	3.95	2.58	.39	1.71	1.04	15.92
July	4.22	1.78	.95	3.07	.53	4.79	2.31	1.60	1.16	2.78	23.19
August	3.46	2.58	.94	1.74	1.31	.35	1.09	2.34	4.48	.12	18.44
September	1.97	1.68	1.98	1.03	2.95	3.14	2.40	1.53	.86	.80	18.34
October	.58	3.57	1.49	1.24	1.88	1.35	2.41	1.95	3.83	1.89	20.19
November	2.65	1.18	1.26	1.45	3.40	2.35	1.57	1.96	2.96	6.03	24.81
December	.63	.34	.28	2.82	1.71	1.38	2.65	2.67	(1.02)	1.08	14.58
TOTALS	23.00	21.31	15.23	17.20	21.31	24.77	30.12	17.10	25.32	22.20	217.56

1931. Hospital, trees various heights.

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
1931			Three Counties	1 mi.		Orlesey	2 mi.	N.W.



Station No. 1162RAINFALL at Stotfold (Three Counties Hosp.)

41

County of BedfordshireObserver Dr. L.O. FullerRiver Basin Case-3Dr. M. D. D. D.Type of Gauge Standard (1943)Annual Average 22.6 in. based on 58 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. E3174/45

Diameter	5"			175	478							
Height	1'0"				1					1'6"		
Altitude	220'				41					200'		220-61'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.93	1.87	5.53	1.13	1.56	1.16	1.12	3.11	1.41	1.17		Totals 17.99
February	1.58	.66	.68	.83	1.09	1.56	1.36	.70	1.09	3.39		12.94
March	2.85	.99	.51	.12	.47	.83	4.39	.81	.69	.30		11.96
April	1.18	.91	.76	1.54	.72	.98	1.69	1.32	1.41	1.57		12.08
May	1.75	2.09	1.46	.99	1.67	1.76	.96	2.42	1.80	3.05		17.95
June	1.18	.26	1.89	1.25	1.55	1.55	1.30	2.83	.56	1.18		13.55
July	3.29	2.35	.58	.94	2.03	1.70	1.85	1.10	1.71	5.00		20.55
August	3.30	1.45	1.06	1.70	1.23	3.19	.00	4.73	1.15	2.77		20.58
September	.48	1.38	1.55	1.73	2.39	2.86	.91	1.76	.25	2.22		15.58
October	1.46	3.31	1.89	3.11	2.70	1.24	.12	2.05	3.96	.32		20.16
November	2.01	1.87	.87	2.36	.70	4.72	1.04	1.39	2.07	4.65		21.68
December	1.03	1.67	.78	.66	2.10	1.13	2.25	1.33	.60	.93		12.68
TOTALS	22.04	18.81	15.56	16.41	18.21	22.68	16.99	23.55	16.70	26.55		177.50

1945 gauge tested &amp; found sound.

1948 Hospital building 75' high 30 yds S.

1950 Hospital buildings .80' 40 yds N. Trees 15 yds N.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.
1949			3 Counties	1 mi.	W.	Stotfold	1 1/2 mi.	N.E.

BRITISH RAINFALL ORGANIZATION

Station No. 1168

RAINFALL at Stotfold (Three Counties Hospital)

51

County of Suffolk Observer Dr. McDiarmidRiver Basin Great Ouse - 3Type of Gauge SnowdonAnnual Average 22.6 in. based on 58 years obs. un-weighted. Period of average 1881-1915 Ref. S  
21.74 " " 35 " " 1916-1950 1916-1950 E 3172/45 P  
File No. 175 478

Diameter ...	5"											
Height ...	1' 6"											
Altitude ...	200'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Totals Means	
January ...	2.51	1.34	.85	.75	1.61	3.21	.84	2.06	2.44	2.30	17.91	✓
February ...	3.41	.55	1.53	1.76	1.48	.62	2.33	1.92	.11	1.79	15.56	✓
March ...	2.45	2.53	.38	2.00	1.10	.50	.67	1.19	2.09	1.05	13.96	✓
April ...	2.26	1.47	1.97	.15	.43	.99	.10	.85	1.50	.36	10.08	✓
May ...	2.62	2.26	1.22	2.48	4.13	.32	.88	(1.35)	.52	1.09	16.87	✓
June ...	.57	.99	1.96	2.94	2.87	2.66	1.43	5.38	.52	1.96	21.27	✓
July ...	.79	.33	2.27	2.78	.60	4.20	2.43	3.46	3.04	2.44	22.34	✓
August ...	3.45	3.81	2.32	3.23	1.34	4.10	3.32	3.13	1.72	2.76	29.18	✓
September ...	2.65	2.05	1.78	1.22	1.21	1.74	2.33	3.45	.06	3.18	19.67	✓
October ...	1.03	2.14	2.62	1.31	1.76	1.60	1.83	1.73	1.25	4.55	19.82	✓
November ...	3.84	2.98	.96	3.59	1.19	.63	1.75	1.31	1.54	3.36	21.15	✓
December ...	1.36	1.79	.42	1.83	2.07	2.95	1.86	2.28	2.80	2.70	20.06	✓
TOTALS ...	26.94	22.24	18.28	24.04	19.79	23.51	19.77	28.11	17.59	27.54	227.81	✓
	d	d	d	d	d	d	d	d	d	d	d	

1959 W.D. corr'd by m.o.b.

02004

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference TU52 203250

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

Summary of Earlier Records from 10-year Sheets:

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓ Int - '11	✓	✓ Int - '37	✓ d 48.49	