

# Billericay RAINFALL AT Ramoden Hall

Lat. .... Lon. .... County of Essex  
 Rain Gauge, by Nº 2498 N.S.W. Observer J. W. Bacon Esq

Crutch - 3.

Diameter ..		5									
Height ....		0 9									
Altitude ..		2604									
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..			.82	2.08	1.97	1.14	3.89	1.01	1.07	.97	
February ..			1.28	.87	2.26	.77	2.21	1.18	1.78	.94	
March ....			1.23	1.85	1.61	2.88	1.39	1.07	2.02	3.64	
April .....			.40	1.84	.70	2.33	.72	2.51	2.74	1.75	
May .....			2.95	1.91	1.60	.95	1.79	2.23	1.76	1.22	
June .....			3.10	6.36	1.20	3.33	1.86	1.61	1.08	3.82	
July .....			1.22	6.36	2.21	1.30	1.03	1.38	3.92	3.57	
August ....		1.22	3.73	3.64	1.33	2.47	.40	1.91	2.89	2.97	
September..		1.28	1.65	2.19	1.19	1.37	1.60	.66	1.25	2.67	
October....		2.13	2.35	5.67	1.38	1.00	4.51	3.23	1.24	4.74	
November..		.63	1.74	2.39	1.60	2.56	4.23	2.39	.97	1.40	
December ..		3.22	1.29	1.64	1.87	.79	2.52	2.93	2.31	3.61	
TOTALS ..			21.76	36.80	18.92	20.89	25.65	22.11	23.03	31.30	

1901 Billericay Church 1 1/2 mile N.S.W  
 Hot House 6 ft high 14 ft S.  
 Wall 10 " " 30 " N.W  
 Billericay Station 1 1/2 miles W.S.W

## RAINFALL at

Billericay Lamson Hall

County of EssexObserver J W Bacon EsqRiver Basin Crouch 3Rain Gauge, by N+J 2478

Diameter ...	5										
Height .....	0 9										
Altitude ...	260 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.60	1.32	2.93	3.32	.88	4.04	1.29	1.48	2.94	3.37	908
February ...	2.70	1.25	1.73	.66	2.16	2.77	4.24	.65	.98	2.79	866
March .....	.97	2.07	2.80	2.24	4.14	1.16	3.80	1.65	.98	3.17	960
April .....	1.33	1.18	.10	2.59	1.61	1.01	1.59	1.62	2.65	3.29	935
May .....	3.25	.93	1.18	1.59	1.87	2.29	1.75	2.56	1.82	.15	622
June .....	2.16	2.46	3.07	1.44	.97	1.53	2.27	.74	.83	1.63	547
July .....	2.02	.92	1.73	1.74	1.38	3.53	.89	4.46	8.11	1.99	1545
August .....	2.14	.96	3.57	1.16	1.14	3.31	3.94	3.75	1.22	2.32	1123
September ..	1.12	1.34	2.59	.98	1.12	2.56	1.10	1.24	4.28	1.07	769
October ...	1.88	3.36	1.87	3.78	1.39	1.98	2.67	3.74	2.12	1.31	984
November ..	3.54	4.45	1.86	3.06	2.49	3.21	4.41	2.07	1.81	2.24	1053
December ...	3.45	3.61	2.89	.85	6.08	5.45	2.71	1.61	2.16	3.57	1005
TOTALS ...	26.16	23.85	26.32	23.41	25.23	32.84	30.66	25.57	29.90	27.10	11323
	7	3	2	2	2	2	2	2	2	2	

1910 Wall 6 ft high 14 ft 5  
10 " " 30 " 4 1/2

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.37.55 N	0.37.15 E	Billericay	1 1/2 Miles	45 W	Billericay	1 1/2 Miles	45 W

RAINFALL at Billericay Renshaw HallCounty of EssexObserver Lt Bacon Esq.River Basin Arund 3.(1915) Smokedown Rain Gauge, by N.C.J. 2498  
W.D.

Diameter ...	5											
Height .....	0	9										
Altitude ...	260.											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1930	
January ...	2.59	2.30	3.13	1.15	3.19	1.73	2.93	1.47	3.50	1.35	2.09	2543
February ...	.42	.30	2.00	2.81	.70	2.40	3.09	3.28	1.27	.48	.61	1736
March .....	1.06	1.01	1.49	1.64	.60	1.00	.19	1.96	2.56	.00	1.41	1286
April .....	3.51	1.72	2.68	2.07	2.99	1.70	4.93	1.59	1.58	1.54	1.98	2629
May .....	1.34	1.28	.77	1.60	4.26	2.20	.98	1.19	2.07	1.60	3.01	2030
June .....	.99	.26	1.07	.81	1.84	.38	3.34	2.96	2.42	.75	.63	1545
July .....	3.32	.40	3.11	1.16	3.48	4.25	2.25	2.89	1.76	1.89	2.37	2688
August .....	1.87	1.17	1.73	1.75	1.90	2.72	.96	3.68	3.37	1.74	2.96	2385
September...	5.03	1.97	2.52	1.94	2.20	2.61	.64	4.04	.50	.58	2.96	2494
October .....	1.11	1.40	1.30	4.39	3.77	3.32	2.36	1.82	3.34	3.10	1.07	2698
November...	.60	1.75	1.63	2.33	3.44	1.90	4.74	2.53	2.08	5.12	3.78	2490
December...	2.66	1.32	2.77	1.88	3.17	2.68	.59	3.02	3.44	3.59	2.13	2725
TOTALS...	24.50	14.88	24.20	23.53	31.54	26.89	27.00	30.43	27.83	21.74	25.00	21754
	D	D	D	D	D	D	D	D	D	D	D	

1920. Not known 6 ft. high 14 ft. S.  
wind 10 ft. 30 ft. N.W.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. E	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 37' 35"	0° 27' 15"	Billericay	1/2 mi	W. side	Billericay	1 1/2 mi	W. side



RAINFALL at Billericay (Ramsden Hall)County of Essex Observer T. W. Bason, Esq.River Basin Crouch - 3Type of Gauge London (10/193)Annual Average 23.8 in. based on 104 years obs. un-weighted. Period of average 1931-1940 Ref. 561245/34

Diameter	5.											
Height	0.9.											
Altitude	260.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.49	1.11	1.17	1.36	1.17	3.89	4.01	2.67	5.35	1.95	24.17	
February	1.78	.32	.90	.28	1.92	1.68	4.50	.66	.84	1.79	14.67	
March	.37	1.41	1.64	2.36	.77	.98	2.65	.37	1.48	2.98	15.21	
April	3.47	2.44	.95	1.84	2.50	1.40	3.06	.38	2.36	1.69	20.09	
May	2.76	3.50	1.53	.42	1.11	.47	3.03	1.85	1.58	1.55	17.80	
June	1.28	.78	2.02	1.31	3.45	2.77	2.00	.49	1.03	.70	15.83	
July	3.08	2.68	1.58	.66	.62	2.67	1.91	.98	2.42	2.99	19.59	
August	3.38	1.46	.63	1.72	2.12	.63	.64	2.45	4.06	.07	17.16	
September	1.65	1.92	2.02	1.43	3.72	2.56	1.32	2.43	1.03	1.43	19.51	
October	.58	5.69	1.31	2.36	2.62	2.07	1.49	3.02	7.29	2.76	29.19	
November	2.04	1.07	1.21	1.53	4.40	3.27	1.91	3.14	4.41	6.84	29.82	
December	.63	.50	.49	4.98	2.40	2.11	4.06	2.60	1.35	1.55	20.67	
TOTALS	22.51	22.88	13.45	20.25	26.80	24.80	30.58	21.04	33.40	26.30	24.37	KM
	D	D	D	D	D	D	D	D	D	D	D	

1931 Hot House 4' high 10' S  
 Wall 14' " 30' NW  
 1934. Wall 10' high 30' SE.

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
1931			Billericay	1 1/2 ml	WSW	Billericay	1 1/2 ml	WSW

Station No. 1379RAINFALL at Billerica (Ramsden Hall)

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County of Essex Observer J. W. Bacon Esq.River Basin Crouch - 3Type of Gauge M.O.Annual Average 23.8 in. in, based on 35 yrs 1916-1950 years obs. un-weighted. Period of average Ref.

" " <u>23.8 in. computed by Mr. Cornish (1938) ref. 561245136</u> File No. <u>334 847/34</u>											
Diameter	<u>24.44 in. based on 35 yrs 1916-1950</u> <u>Point of air 1916-1950</u> <u>Ref. P</u>										
<u>5"</u>											
Height	<u>0'9"</u>			<u>235</u>	<u>270</u>						
Altitude	<u>260'</u>								<u>Amst</u>		<u>10526</u>
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	<u>2.56</u>	<u>2.05</u>	<u>4.44</u>	<u>1.25</u>	<u>2.00</u>	<u>1.58</u>	<u>2.05</u>	<u>4.18</u>	<u>1.10</u>	<u>1.60</u>	<u>22.81</u>
February	<u>2.09</u>	<u>1.62</u>	<u>1.08</u>	<u>.78</u>	<u>1.67</u>	<u>2.36</u>	<u>1.35</u>	<u>1.92</u>	<u>.80</u>	<u>2.80</u>	<u>16.47</u>
March	<u>2.68</u>	<u>2.55</u>	<u>.35</u>	<u>.13</u>	<u>1.10</u>	<u>1.30</u>	<u>5.29</u>	<u>.70</u>	<u>.80</u>	<u>.80</u>	<u>15.72</u>
April	<u>1.32</u>	<u>.65</u>	<u>1.12</u>	<u>1.44</u>	<u>1.10</u>	<u>1.49</u>	<u>1.34</u>	<u>1.35</u>	<u>1.60</u>	<u>1.80</u>	<u>13.21</u>
May	<u>1.26</u>	<u>2.17</u>	<u>1.09</u>	<u>.63</u>	<u>2.39</u>	<u>1.92</u>	<u>.64</u>	<u>2.49</u>	<u>1.70</u>	<u>1.60</u>	<u>15.89</u>
June	<u>.90</u>	<u>12</u>	<u>1.39</u>	<u>1.35</u>	<u>1.69</u>	<u>2.59</u>	<u>2.53</u>	<u>2.56</u>	<u>.80</u>	<u>1.80</u>	<u>15.73</u>
July	<u>2.47</u>	<u>1.83</u>	<u>1.08</u>	<u>2.13</u>	<u>2.46</u>	<u>1.83</u>	<u>2.32</u>	<u>1.05</u>	<u>1.00</u>	<u>2.50</u>	<u>18.67</u>
August	<u>4.53</u>	<u>2.19</u>	<u>1.26</u>	<u>1.96</u>	<u>1.69</u>	<u>3.52</u>	<u>.12</u>	<u>3.39</u>	<u>1.40</u>	<u>2.30</u>	<u>22.36</u>
September	<u>.35</u>	<u>1.19</u>	<u>2.04</u>	<u>3.09</u>	<u>.88</u>	<u>1.72</u>	<u>1.62</u>	<u>1.33</u>	<u>1.40</u>	<u>3.00</u>	<u>16.62</u>
October	<u>.90</u>	<u>3.52</u>	<u>1.79</u>	<u>3.65</u>	<u>1.98</u>	<u>1.19</u>	<u>.76</u>	<u>1.73</u>	<u>5.60</u>	<u>.30</u>	<u>21.42</u>
November	<u>2.55</u>	<u>2.19</u>	<u>1.55</u>	<u>4.01</u>	<u>.67</u>	<u>2.57</u>	<u>.80</u>	<u>1.79</u>	<u>2.20</u>	<u>4.50</u>	<u>22.83</u>
December	<u>1.94</u>	<u>2.17</u>	<u>1.65</u>	<u>1.16</u>	<u>2.97</u>	<u>2.15</u>	<u>1.83</u>	<u>1.86</u>	<u>1.50</u>	<u>1.80</u>	<u>19.03</u>
TOTALS	<u>23.55</u>	<u>22.25</u>	<u>18.84</u>	<u>21.69</u>	<u>20.60</u>	<u>24.22</u>	<u>20.65</u>	<u>24.35</u>	<u>19.90</u>	<u>24.80</u>	<u>220.76</u>

1941. Wall 10' high 30' N.

Wall 10' high 30' S.

1949 Record came x.148, he taken over by county council, over 100 x 12 ft. 334847/34.

Billerica  
Ref. 1270

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map.....

Reference No. 79 695 953

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge.	Direction from gauge.	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Billerica	1 1/2 m.	W.S.W.	Billerica	1 1/2 m.	W.S.W.

## BRITISH RAINFALL ORGANIZATION

1916-1950, P-accepted

(4456-90) W.L. 47525-4471 12,000 240 T.S. 1940-19.

1930-30

1931-40

1941-50

Records  
D. & S.

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