

RAINFALL AT *Woodbridge Melton Asylum*

80

Lat. _____ Lon. _____ County of *Suffolk*

Rain Gauge, by _____ Observer _____

Octen - 3.

Diameter . . .											8	
Height											1 - 14	
Altitude											100	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January												
February										<i>11</i>		
March										1.94		
April										1.07		
May										1.72		
June										3.31		
July										2.96		
August										2.85		
September										3.69		
October										2.10		
November										4.88		
December										1.24		
TOTALS										1.07		

Melton Church 1/2 mile S.E.

House 40 ft high 44 ft. N.E.

Trees 30 . . . 68 . . S.E.

RAINFALL AT *Woodbridge C. Asylum Melton*

Lat. _____ Lon. _____ County of *Suffolk*

Rain Gauge, by _____

Observer *D. Eager*
Dr. Whitwell

Section - 3.

Diameter	<i>8</i>										
Height	<i>14</i>										
Altitude	<i>100 ft</i>								<i>110</i>		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	<i>1.98</i>	<i>1.76</i>	<i>.64</i>	<i>2.32</i>	<i>1.97</i>	<i>2.73</i>	<i>1.60</i>	<i>2.58</i>		<i>1.88</i>	
February	<i>.91</i>	<i>.01</i>	<i>1.80</i>	<i>2.60</i>	<i>1.44</i>	<i>.42</i>	<i>.61</i>	<i>2.48</i>		<i>1.33</i>	
March	<i>2.23</i>	<i>1.36</i>	<i>1.08</i>	<i>.32</i>	<i>1.01</i>	<i>1.73</i>	<i>3.46</i>	<i>1.82</i>		<i>.98</i>	
April	<i>.86</i>	<i>.94</i>	<i>2.14</i>	<i>.05</i>	<i>2.47</i>	<i>.72</i>	<i>1.11</i>	<i>1.87</i>		<i>2.12</i>	
May	<i>1.28</i>	<i>2.09</i>	<i>.57</i>	<i>2.08</i>	<i>2.20</i>	<i>.42</i>	<i>.50</i>	<i>.59</i>		<i>2.31</i>	
June	<i>2.69</i>	<i>1.00</i>	<i>3.46</i>	<i>.50</i>	<i>2.68</i>	<i>.32</i>	<i>2.26</i>	<i>1.98</i>		<i>1.42</i>	
July	<i>3.82</i>	<i>3.08</i>	<i>1.38</i>	<i>2.56</i>	<i>4.30</i>	<i>4.21</i>	<i>.61</i>	<i>.67</i>		<i>2.53</i>	
August	<i>2.10</i>	<i>2.55</i>	<i>4.71</i>	<i>1.55</i>	<i>2.58</i>	<i>2.44</i>	<i>2.60</i>	<i>1.53</i>		<i>.13</i>	
September....	<i>1.32</i>	<i>.57</i>	<i>1.31</i>	<i>1.12</i>	<i>1.29</i>	<i>1.03</i>	<i>4.36</i>	<i>2.77</i>		<i>3.36</i>	
October	<i>1.08</i>	<i>4.18</i>	<i>6.95</i>	<i>2.14</i>	<i>1.51</i>	<i>3.12</i>	<i>2.91</i>	<i>.22</i>		<i>1.75</i>	
November....	<i>3.17</i>	<i>1.55</i>	<i>2.02</i>	<i>3.62</i>	<i>2.79</i>	<i>2.12</i>	<i>1.25</i>	<i>1.33</i>		<i>3.14</i>	
December	<i>.42</i>	<i>2.51</i>	<i>1.46</i>	<i>1.74</i>	<i>2.74</i>	<i>1.63</i>	<i>3.14</i>	<i>1.91</i>	<i>#</i>	<i>1.42</i>	
TOTALS . . .	<i>21.86</i>	<i>21.60</i>	<i>27.52</i>	<i>20.60</i>	<i>26.98</i>	<i>20.89</i>	<i>24.41</i>	<i>19.70</i>		<i>22.37</i>	

1890 Melton Church 1/2 Mile SE
House 40 ft high 44 ft NE
Trees 30 " . 68 " SE

RAINFALL AT Woodbridge Melton Aycliffe

Lat. Lon. County of Suffolk

Symon Standard Rain Gauge, by Observer S. E. Langworth Esq M.D.
Octen - 3.

Diameter ..	8										
Height	1 4										
Altitude ..	110	112 8		74 8							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.97	.66	.83	1.88	1.81	.92	3.60	1.26	.64	.51	1.508
February ..	3.16	.92	.51	.21	1.96	.94	1.94	.86	1.45	.84	1.279
March ....	.85	1.42	1.17	1.50	1.45	2.00	1.65	.96	1.69	2.56	1.525
April	1.40	1.66	.63	1.83	.83	2.02	.66	3.14	2.41	1.42	1.600
May	1.14	.75	2.33	1.96	2.82	1.35	1.17	1.96	1.23	1.26	1.597
June	4.41	1.65	2.31	3.02	.64	4.21	2.60	1.98	.46	3.45	2.476
July .....	.87	.55	4.88	6.02	2.24	.33	.16	2.15	3.46	2.68	2.234
August	2.22	1.11	4.41	3.62	1.06	2.01	.30	1.66	1.79	1.77	1.995
September..	.71	.72	2.04	2.25	1.23	2.60	1.34	.75	1.28	1.98	1.490
October....	1.72	1.94	1.02	3.62	1.01	1.73	3.17	3.11	1.29	4.94	2.355
November..	1.88	1.05	1.42	1.97	1.04	2.00	3.87	1.74	1.05	.78	1.680
December..	2.29	3.30	1.52	.88	2.03	.92	2.01	2.49	1.75	4.15	2.134
TOTALS ..	23.62	15.73	23.07	27.76	18.12	21.03	22.47	22.06	18.50	26.37	21.873

1901 Melton Church 1 mile S E

1903 January 1st Gauge moved 300 yards S E

Melton Church 1 mile S E

" Station 1 1/4 " S E

1904 No objects within 20 yards and then only small trees

RAINFALL at Woodbridge Melton Reghun

St Andrews Hospital (m.b.)

County of Suffolk

Observer D. L. G. Longworth A. F. Philpotts

River Basin Deben + C 3

Standard Rain Gauge, by N. 13

Diameter ...	8											
Height	1.4											
Altitude ...	74											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.39	1.23	2.05	4.49	1.57	2.72	1.48	2.10	2.67	2.76		Total 16.51 9.01
February ...	2.12	1.00	1.17	.53	1.58	3.17	4.05	.65	.68	3.19		8.57
March	1.02	2.26	2.67	1.77	3.81	.98	4.19	2.58	.74	2.02		9.53
April	1.22	1.34	.27	1.95	.82	1.19	1.75	1.74	2.93	3.12		9.54
May	3.22	.70	.40	1.48	.93	2.11	1.51	1.31	1.31	.89		4.52
June	2.05	2.08	2.66	.69	1.18	.46	2.27	1.74	1.53	1.32		6.96
July	2.75	.42	2.23	1.73	1.35	4.78	.95	3.22	3.66	3.04		10.87
August	3.29	.74	6.46	1.01	.46	1.90	6.34	4.12	1.40	2.06		13.72
September ..	1.01	1.90	2.73	.78	.94	1.83	.82	1.56	3.78	.77		6.93
October ...	1.31	2.56	1.87	3.23	2.24	1.65	2.42	4.27	2.31	1.89		10.87
November ..	3.04	3.63	2.16	2.21	2.81	2.05	3.36	1.76	1.90	2.13		9.15
December ...	4.62	4.02	1.89	.96	6.29	4.64	3.14	1.82	3.39	3.89		12.24
TOTALS ...	27.04	21.98	26.56	20.83	23.98	27.48	32.38	26.87	26.30	26.58		112.13 4.44

1910 "Mens at a distance equal to about their height"

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Melton	1 1/4 mile	SE	Melton	1 mile	SE
1919.	52° 6' 30"	1° 20' E						

RAINFALL at *Melton S. Andrey Hospital*County of *Suffolk*Observer *A. Philpotts*River Basin *Deben & C.*(1925) *N.O.* Rain Gauge, by *N.O.*(1929) *Glaisher*

Diameter ...	8		9										
Height	1 3		1 2		1 4								
Altitude ...	74												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1930	
January ...	2.09	1.93	4.45	1.46	2.52	1.39	2.53	1.32	3.61	1.43	1.71	24.44	Total 15.
February ...	.61	.25	1.87	3.23	1.38	1.86	1.98	2.35	.96	.64	1.03	16.16	
March .....	.81	.98	1.57	1.09	.46	1.25	.14	2.13	2.57	.17	1.54	12.71	
April	3.81	1.13	2.53	.86	2.50	2.02	2.90	1.94	1.55	1.37	1.72	22.83	
May	1.07	1.75	1.62	1.05	4.25	1.46	1.47	.56	2.06	1.08	2.55	18.92	
June	1.27	.29	1.47	.50	1.98	.46	1.94	3.76	1.88	.86	.81	15.22	
July	2.61	.21	2.37	1.28	3.70	1.77	1.47	2.56	2.46	2.72	4.73	25.88	
August	2.22	.61	1.06	1.62	2.43	1.72	.90	4.83	1.90	1.31	2.13	21.73	
September...	2.96	2.38	3.01	1.33	3.48	2.65	1.05	2.89	.86	.52	5.59	26.72	
October .....	.60	.77	1.25	4.11	4.77	2.55	2.89	1.81	1.62	2.80	.83	24.00	
November...	.78	1.54	1.34	3.09	1.74	3.01	3.78	3.00	2.41	3.98	3.64	28.31	
December...	3.22	1.53	1.62	2.92	2.72	2.01	.71	2.70	3.86	4.35	2.27	27.91	
TOTALS...	22.05	13.37	24.16	22.54	31.93	22.15	21.76	29.85	25.76	21.73	29.55	266.83	8th

1920. Foliage 11ft. E. 14yds. N.
 1922. " 20ft. " { 16' N.W.
 1923. " 12' " { 30' N.E.
 " 20' " { 70' N.W.
 " " " { 70' N.E.
 1927. " 12' " 60' NE
 " " 10' " 30' NW
 1928. " 20' " 40' N.W.
 " " 20' " 80' N.E.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. E	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.	52° 6' 30"	1° 20'	Melton	1 1/2 mi	SE	Melton	3 1/4 mi	SE

RAINFALL at Melton (St. Audrey's Hospital)County of SuffolkObserver A. F. Philpott, Esq.River Basin Deben & C. 3The Clerk & StewardType of Gauge Glaisher

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

Diameter	8.										
Height	1.2.	1.3					1.3				
Altitude	74.	90					90				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals Means
January	1.96	.72	1.18	1.44	1.99	3.62	2.64	2.62	4.83	1.53	24.53
February	2.94	.46	1.37	.44	2.36	2.87	3.64	.62	0.78	1.58	17.06
March	.33	1.35	1.81	2.24	.89	.59	2.52	.49	1.98	2.97	15.17
April	3.67	2.46	1.03	2.54	2.28	1.18	2.66	.37	3.35	1.36	20.90
May	2.15	3.16	1.39	1.88	1.78	1.10	3.08	2.06	1.01	.39	17.97
June	2.13	.60	1.52	.88	2.38	4.58	1.24	.75	1.42	.48	16.04
July	2.73	2.77	.89	2.01	.49	3.88	1.56	1.25	2.30	5.01	22.89
August	3.28	1.35	1.08	2.00	1.38	.26	1.08	1.22	2.36	.23	14.84
September	2.17	1.19	3.41	1.66	4.00	2.21	2.97	2.82	0.71	.74	21.88
October	.82	4.49	1.70	1.29	3.24	2.25	2.03	3.11	8.82	2.14	29.59
November	1.94	1.20	2.34	1.61	4.06	3.38	1.24	2.36	4.93	6.58	29.64
December	.70	.49	.72	3.89	2.57	1.34	3.44	3.21	1.54	1.89	19.79
TOTALS	24.82	20.24	18.44	21.85	27.42	27.86	30.10	20.88	34.09	24.90	250.60
	D	D	D	D	D	D	D	D	D	D	D

1931. Trees + shrubs 10-12' high 20 yds^{on} all sides but chiefly N.
 1940 Hedge 8' high 20' South.

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			Melton	1 mile	SE	Melton	1 mile	SE

Station No. 1357

RAINFALL at Melton (St. Andrew's Hospital)

41

County of Suffolk Observer A.F. Philpott Esq.

River Basin Deben & C - 3 The Clerk & Stewart

Type of Gauge Gauging Station 1947 Senior Admin. Officer 1950

Annual Average 23.8* in. based on years obs. un-weighted. Period of average Ref.

File No. E. 1361/44

Diameter	8"			220	579		5"					
Height	1' 3"		1 0				1' 0"					
Altitude	90'						90'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	2.23	2.30	3.43	1.52	1.67	1.80	2.12	3.87	1.09	1.36		21.39
February	1.96	.70	.58	1.45	1.36	1.55	1.43	.89	1.03	2.41		13.36
March	3.25	2.81	.49	.25	.77	1.71	3.74	.90	1.01	.60		15.53
April	1.41	.61	.96	1.77	1.20	.68	1.37	.99	1.09	1.37		11.45
May	1.91	1.97	1.27	.68	1.85	1.34	.39	.99	1.91	1.30		13.61
June	.66	.58	1.84	1.58	1.72	3.36	2.10	2.46	.42	1.14		15.86
July	2.01	2.26	.75	1.62	1.52	2.61	1.40	1.26	.52	2.45		16.40
August	3.76	1.06	.86	1.11	2.90	3.94	1.38	3.94	1.16	1.87		21.98
September	.28	2.03	2.46	2.60	1.47	1.60	.82	1.69	1.16	3.18		17.29
October	2.38	4.17	1.60	3.78	1.11	1.34	.30	1.57	3.99	.59		20.83
November	2.53	3.17	1.72	3.89	.83	3.38	1.46	1.64	2.09	4.14		24.85
December	1.64	2.66	1.53	1.42	2.29	3.08	3.72	1.34	1.49	1.50		20.67
TOTALS	24.02	24.32	17.49	21.67	18.69	26.39	20.23	21.54	16.96	21.91		213.22

1941 Hedge & Shrubs 8' & 5' high to 2.86' S.W.

1943 Hedge 12 ft. high 15 yds S

1944

* Used in General Table Origin unknown

1950 Hedge 12 ft. high 45 ft. S.

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.
1941			Melton	1 1/2 m.	S	Melton	1 m.	S.

Station No. 1357

RAINFALL at Melton (St. Audrey's Hospital)

51

County of Suffolk

Observer The Clerk & Steward

River Basin Defflen's C-3

The Senior Master, Office (1901)

Type of Gauge. Standard M.O. H&S

The Secretary

Annual Average 23.8 in. based on years obs. un-weighted. Period of average Ref.

omitted 1955

origin unknown

File No. E1361/44

Diameter ...	5"			220	579							
Height ...	1' 0"								10"			
Altitude ...	90'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	1.63	2.40	.77	1.64	2.13	3.89	1.30	2.57	1.71	3.24	21.28	
February ...	3.46	.81	1.16	2.06	1.86	1.35	2.44	2.85	.20	1.10	17.29	
March ...	2.86	3.02	.30	2.10	1.21	.76	1.22	1.21	1.03	1.36	15.06	
April ...	3.03	.48	1.54	.30	.40	.85	.32	(1.10)	1.25	.54	9.81	
May ...	1.98	1.15	1.32	1.23	2.17	.70	1.61	(3.00)	.05	.58	13.79	
June ...	1.87	1.61	2.10	1.43	2.91	1.57	1.86	(4.00)	.53	1.36	19.24	
July ...	2.79	.82	2.31	2.45	.18	1.86	2.62	(2.00)	2.63	3.48	21.14	
August ...	3.35	2.53	1.43	4.25	2.79	4.07	2.48	(3.70)	1.36	2.79	28.75	
September ...	3.03	3.06	1.45	1.37	1.37	2.29	2.71	2.73	.03	4.03	22.07	
October ...	.40	1.51	1.60	1.80	4.22	1.53	1.63	2.37	1.82	5.61	22.49	
November ...	4.54	4.43	1.08	4.02	.59	.97	1.65	1.09	2.36	2.99	23.71	
December ...	1.91	2.30	.54	2.15	1.42	1.90	2.39	3.21	2.91	3.40	22.13	
TOTALS ...	30.85	24.12	15.60	24.80	21.25	21.73	22.23	(29.83)	15.88	30.47	236.76	
	D	d	d	d	d	d	d	np	d	o		

1951 Hedge 12' high at 45' S. 1956. Trees 50' at 40' SW.

1956 low but accept.

1957 H&S 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 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