

(Dolling Roubin
J. H. Harn

Brosby's Jayce. 10 in square. X ground 35 ft.
Survey of Kansas, Mo.

YEAR - -	1852	1853	1854						MEANS.
January - -									
February - -									
March - - -									
April - - - -									
May - - - - -									
June - - - - -									
July - - - - -									
August - - - -									
September - -									
October - - - -									
November - - -									
December - - -									
TOTALS - - - -	4185	3191	1914						

RAINFALL AT *Dorking The Denbies Foot*

70

Lat..... Lon..... County of *Surrey*
 Rain Gauge, by..... Observer.....

5/ 1/ 1870 - 1871

Diameter.....											
Height.....											
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				4.18	1.75	4.28	.83	6.19			
February.....				2.55	2.50	1.76	3.65	2.40			
March.....				2.22	.71	.69	2.43	3.06			
April.....				.93	2.51	1.54	3.33	3.20			
May.....				1.64	1.10	1.07	1.15	3.26			
June.....				2.18	3.08	3.24	2.04	1.52			
July.....				2.69	1.79	4.66	.27	4.24			
August.....				1.92	3.06	1.24	3.20	3.67			
September.....				3.26	4.14	2.22	3.90	1.73			
October.....				3.31	5.16	3.53	1.86	2.32			
November.....				2.76	3.28	3.96	3.37	6.89			
December.....				.60	1.94	1.44	6.95	1.85			
TOTALS.....				28.24	31.02	29.63	32.98	40.33			

1878 Total 24.02 observations bad

RAINFALL AT *Dorking The Denbies*Lat..... Lon..... County of *Surrey*Rain Gauge, by..... Observer *G. Cusatt Esq. M.P.*
6/4thms. mole.

Diameter	5										
Height	1										
Altitude	610										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS
January.....	4.00	6.88	5.12	1.92	3.95	1.28	6.44	1.58	2.15		
February	1.45	2.34	2.64	2.61	1.44	3.40	2.13	2.26	4.86		
March	1.90	2.80	2.57	.89	1.13	3.56	3.32	1.05	.80		
April.....	5.68	1.28	1.04	2.57	1.40	2.56	3.11	3.17	3.39		
May .....	.61	3.83	1.75	.97	1.41	1.14	3.59	4.26	4.44		
June.....	3.49	3.38	1.87	3.31	3.33	2.21	1.71	1.57	5.27		
July	4.10	2.47	2.71	1.73	5.24	.50	4.11	1.69	4.23		
August.....	1.43	2.24	2.94	3.12	1.12	2.93	4.07	4.66	5.27		
September.....	6.41	1.79	3.40	4.25	1.96	3.70	1.63	1.33	3.91		
October.....	1.39	7.42	3.41	5.60	5.26	2.00	2.56	2.93	.66		
November.....	.64	4.58	2.96	3.49	4.29	3.24	7.13	3.91	1.71		
December.....	2.25	6.27	.60	2.18	1.51	7.70	2.28	1.89	1.15		
TOTALS	22.00	33.35	45.28	31.01	32.64	32.04	34.22	42.08	30.30	37.34	34.62

C C

1870 estimated from West Street + Brookman.

RAINFALL AT

The Dents, Dorset **80**

Lat. _____

Lon. _____

County of *Surrey*

Rain Gauge, by _____

Observer *G. Dines, Esq.*

5 - Thames, miles

Diameter	<i>5</i>											
Height	<i>1.0</i>								<i>0.6</i>	<i>0.9</i>		
Altitude	<i>610 T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.68</i>	<i>2.09</i>	<i>1.45</i>	<i>2.98</i>	<i>3.04</i>	<i>2.85</i>	<i>4.71</i>	<i>3.28</i>	<i>1.25</i>	<i>1.42</i>	<i>2.370</i>	
February	<i>3.86</i>	<i>3.41</i>	<i>2.41</i>	<i>5.63</i>	<i>2.25</i>	<i>3.81</i>	<i>.44</i>	<i>.85</i>	<i>1.32</i>	<i>3.05</i>	<i>2.690</i>	
March	<i>1.19</i>	<i>2.67</i>	<i>1.01</i>	<i>1.29</i>	<i>2.24</i>	<i>2.25</i>	<i>2.04</i>	<i>1.96</i>	<i>4.21</i>	<i>2.94</i>	<i>2.180</i>	
April	<i>2.09</i>	<i>4.21</i>	<i>4.04</i>	<i>1.39</i>	<i>1.71</i>	<i>1.56</i>	<i>2.33</i>	<i>2.27</i>	<i>1.84</i>	<i>2.28</i>	<i>1.993</i>	
May	<i>.40</i>	<i>1.66</i>	<i>1.36</i>	<i>2.28</i>	<i>.63</i>	<i>4.12</i>	<i>4.41</i>	<i>1.92</i>	<i>1.45</i>	<i>4.08</i>	<i>2.231</i>	
June	<i>3.31</i>	<i>1.55</i>	<i>2.47</i>	<i>2.28</i>	<i>1.78</i>	<i>1.88</i>	<i>.81</i>	<i>1.05</i>	<i>4.46</i>	<i>1.04</i>	<i>2.063</i>	
July	<i>4.63</i>	<i>2.87</i>	<i>3.23</i>	<i>2.11</i>	<i>1.55</i>	<i>.45</i>	<i>3.04</i>	<i>1.01</i>	<i>5.48</i>	<i>1.42</i>	<i>2.579</i>	
August	<i>1.22</i>	<i>5.36</i>	<i>1.75</i>	<i>.96</i>	<i>1.86</i>	<i>1.02</i>	<i>1.38</i>	<i>2.38</i>	<i>2.07</i>	<i>2.39</i>	<i>2.038</i>	
September	<i>5.04</i>	<i>2.47</i>	<i>3.00</i>	<i>4.15</i>	<i>2.57</i>	<i>5.44</i>	<i>1.82</i>	<i>2.77</i>	<i>1.20</i>	<i>1.17</i>	<i>3.013</i>	
October	<i>8.20</i>	<i>2.46</i>	<i>6.65</i>	<i>3.16</i>	<i>1.51</i>	<i>4.14</i>	<i>3.65</i>	<i>1.78</i>	<i>1.72</i>	<i>5.67</i>	<i>3.913</i>	
November	<i>3.20</i>	<i>5.02</i>	<i>3.21</i>	<i>4.91</i>	<i>1.74</i>	<i>3.56</i>	<i>3.86</i>	<i>6.69</i>	<i>4.94</i>	<i>1.33</i>	<i>3.846</i>	
December	<i>3.82</i>	<i>3.55</i>	<i>3.45</i>	<i>.73</i>	<i>3.11</i>	<i>1.71</i>	<i>5.35</i>	<i>1.99</i>	<i>2.40</i>	<i>2.19</i>	<i>2.830</i>	
TOTALS	<i>88.09</i>	<i>33.53</i>	<i>34.23</i>	<i>31.75</i>	<i>23.99</i>	<i>32.79</i>	<i>33.81</i>	<i>27.95</i>	<i>32.34</i>	<i>28.98</i>	<i>31.746</i>	

RAINFALL AT Dorking The Denbies

80

Lat.

Lon. County of Survey

Rain Gauge, by Observer G. Dines Esq

S. Chances. Mole.

Diameter												
Height												
Altitude												
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January												
February												
March												
April												
May												
June		<u>1.54</u>										
July		<u>2.79</u>										
August		<u>5.26</u>										
September....		<u>2.41</u>										
October		<u>2.34</u>										
November....		<u>4.52</u>										
December		<u>3.12</u>										
TOTALS												

Gauge in the centre of a flat roof about
100 ft by 50 ft 25 to 30 ft above ground

RAINFALL AT

Dorking The Denbies

Lat.

Lon.

County of *Surrey*

Rain Gauge, by

Observer

Mr J. Beesley

5-Shane-mole.

Diameter	5											
Height	- 6		- 9									
Altitude	610 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.76	3.01	.93	2.50	4.28	2.35	.98	2.40	.95	3.37	2.1153	
February ....	.80	.05	1.21	4.32	1.90	.18	.37	3.17	1.48	3.26	1.6744	
March	2.79	2.86	1.65	.65	1.94	2.19	3.66	5.38	1.29	.79	2.320	
April	2.46	.90	1.14	.20	2.31	1.88	.62	1.87	1.15	2.82	1.535	
May	1.59	2.98	1.40	.80	1.96	.42	.25	1.68	3.74	1.68	1.650	
June	2.96	1.61	2.37	.94	2.59	.37	3.01	1.71	1.31	1.43	1.830	
July	4.30	3.42	2.11	2.65	4.72	4.92	1.40	1.47	.62	2.27	2.788	
August	3.34	5.32	3.47	.82	3.01	2.92	2.22	3.04	1.06	.67	2.587	
September....	.79	1.67	2.43	1.57	1.91	.69	7.31	2.80	.87	3.01	2.305	
October	1.31	7.69	4.43	4.08	5.23	3.25	3.86	.70	4.06	2.71	3.732	
November....	3.03	3.66	3.42	2.48	4.99	5.67	1.81	1.35	4.23	5.53	3.617	
December ....	.81	5.11	2.03	3.49	2.54	3.50	4.61	4.20	4.38	1.72	3.239	
TOTALS . . .	27.94	38.28	26.59	24.50	37.38	28.34	30.10	29.77	25.14	29.26	29.730	

RAINFALL AT Dorking The Denbies

Lat. Lon. County of Survey East

Rain Gauge, by Observer Mr J. Beesley

5/ Thames. Mole.

Mr J. Ansell (83)

Diameter ..	5											
Height	0 9											
Altitude ..	610 T											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.37	1.56	1.11	2.80	5.28	1.52	5.71	1.11	2.03	1.39	2.688	
February ..	5.90	2.59	1.36	2.21	4.07	.90	2.55	1.83	1.21	.65	2.327	
March ....	.96	2.30	1.99	4.01	1.71	4.41	1.75	1.21	3.54	5.41	2.729	
April	1.07	2.32	1.23	2.31	1.58	1.76	.51	4.37	2.92	2.60	2.067	
May	1.25	.44	2.63	4.22	2.56	.77	1.80	3.71	3.08	1.92	2.238	
June	2.47	2.01	4.20	5.71	.94	5.48	2.28	1.92	2.05	3.69	3.075	
July	1.16	2.59	1.73	4.45	1.54	.75	.58	1.91	2.90	3.84	2.145	
August	3.90	1.90	2.94	6.45	1.87	2.86	.51	3.36	4.65	3.28	3.172	
September ..	1.02	2.33	.78	3.99	1.86	2.11	1.73	.58	2.09	3.31	1.980	
October	2.24	2.73	2.44	8.35	2.38	1.90	4.24	6.64	2.62	5.96	3.950	
November ..	2.65	.68	3.20	2.65	1.60	4.94	5.53	2.89	1.24	.96	2.634	
December ..	3.90	5.84	1.65	2.89	3.20	.79	2.87	4.08	3.15	4.68	3.305	
TOTALS ..	30.89	27.29	25.26	50.04	28.59	28.19	30.06	33.61	31.48	37.69	32.210	

5

7

1907 Rammer Church 300 yards NW
 Dorking Station 1 mile S.S.E
 1909 Ymeris 20 ft high 24 ft N

RAINFALL at Dorking DenbiesCounty of Surrey Observer Mr J AnsellRiver Basin Thames-Mole 5Zinc. Brit. Ass. Rain Gauge, by Hills

Diam. 5.00 all over

glass .01 in low all over
regraduated S. XI-13.

Diameter ...	5											
Height	9											
Altitude ...	610 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	SMS
January ...	2.93	1.79	3.60	4.70	.97	4.59	1.85	1.56	3.68	4.96	3.063	12.08
February ...	4.94	1.81	2.93	1.34	5.87	6.96	8.24	1.08	1.80	3.07	3.804	1419
March	1.69	2.41	5.49	3.92	5.10	.89	5.29	2.50	1.20	4.44	3.293	1343
April	2.05	2.25	.06	3.31	1.38	1.72	1.41	2.70	3.99	3.53	2.240	1163
May	2.50	1.68	1.57	2.29	1.99	3.07	2.35	2.13	2.10	.34	2.002	692
June	2.61	2.84	3.83	.72	.70	1.46	2.41	1.50	1.50	1.06	1.863	647
July	3.59	.65	1.93	3.25	2.41	5.38	1.56	4.77	4.85	2.43	3.115	1341
August	3.62	.59	7.98	1.70	1.51	2.64	2.97	6.00	1.22	2.86	3.109	1308
September ..	.91	1.25	3.82	2.34	1.20	2.38	1.92	2.04	5.88	2.16	2.390	1200
October ...	3.93	5.14	3.41	4.87	1.91	3.15	5.99	3.94	1.62	.87	3.483	1342
November ..	3.94	5.08	3.01	3.44	4.25	3.33	6.16	1.44	2.93	2.15	3.573	1218
December ...	5.71	8.90	4.29	1.67	9.98	7.25	3.52	2.10	2.97	5.67	5.206	1421
TOTALS ...	38.72	34.42	41.92	33.55	37.27	42.82	43.67	31.76	38.74	33.54	37.141	142.71

1910 10 miles
1919 "20 ft high 24 ft 5
30 ft 40 ft 72.

Inspected C.S. S. XI-13 Brit. Ass. g. in good condition. Dry side of gravel path badly
settled by rose bushes. Will be removed to good open position a few yards
away. Glass found to be .01 low all over & regraduated by C.S. S. XI-13.
The readings are therefore .01 in too big for each measurement & that date.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Dorking	1 mile	SE	Ramora	200 yds	NW

RAINFALL at Dorking Denbies

County of Surrey

Observer: Mr. J. Ansell

River Basin Thames - Mole & c

Spec. Brit. Ass. Rain Gauge, by Hobbs

	Diameter ...	5												
	Height	0 9			0 6									
	Altitude ...	610												
Totals	Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930		Mean
38.31	January ...	3.87	2.98	4.85	2.06	2.85	3.12	4.62	2.46	5.27	1.57	4.66	3.48	
28.12	February ...	.67	.32	3.11	5.64	.72	5.12	3.41	4.96	2.29	.77	1.11	2.56
21.30	March	2.28	1.73	2.80	3.03	1.40	.71	.35	4.45	2.40	.03	1.82	1.94	
30.27	April.....	3.79	1.21	3.86	2.88	4.29	3.04	4.17	2.07	2.02	.94	2.00	27.5	
25.15	May .....	.85	2.02	1.06	3.44	4.82	2.81	1.45	1.21	2.13	2.41	2.95	2.29
21.25	June	1.68	.10	1.52	.45	3.17	.20	3.82	4.45	3.41	1.81	0.64	1.93	
35.59	July	6.07	.38	5.07	2.74	5.29	3.78	2.13	3.12	1.89	1.61	3.51	3.23	
31.86	August	1.71	1.62	2.83	3.18	3.34	2.67	1.91	4.56	3.24	2.17	4.63	2.90	
29.44	September...	3.41	1.36	2.43	1.78	3.99	3.38	.78	6.80	1.41	.13	3.97	2.68	
37.07	October.....	2.25	.54	1.29	6.84	4.49	3.86	2.59	2.53	6.90	4.25	1.53	3.37	
43.23	November...	2.29	1.91	2.39	2.07	4.26	3.26	6.96	3.47	2.25	7.97	5.40	3.93	
43.93	December...	3.18	2.10	5.13	3.32	5.19	3.59	.46	6.05	3.10	8.73	3.08	3.99	
385.52	TOTALS...	32.05	16.27	36.34	37.43	43.81	35.54	32.65	46.13	37.61	32.89	35.30	35.05	
		D				D				M.	M.			

1920 *Vineries* 30ft high 40ft N.

Gauge inspected—1913

1930. G. lead in winter 9 a.m.

" " Summer 9 "

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

No. of Map _____

Reference No. _____

[illegible]

Ranmore
RAINFALL at *Dorking (Denbies)** *11/1/36*

County of *Surrey* Observer *Mr. J. Ansell*

River Basin *Thames - Mole + C 5* *L. E. Weather (1935)*

Type of Gauge *1*

Annual Average *32.2* in. based on *35* years obs. un-weighted. Period of average *1881-1915* Ref. *B of N*

499467/36

Diameter	5											
Height	0.6						0.4 1.0 1' 0"					
Altitude	610					620						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.29	3.72	2.57	2.60	1.36	6.91	7.28	3.94	6.90	3.07	4.064	
February	2.19	4.45	4.03	2.29	4.34	2.56	5.59	.92	1.93	3.15	2.545	
March	.50	1.88	4.34	3.00	.51	1.97	4.56	.31	1.83	3.65	2.255	
April	5.13	3.49	.62	2.97	3.68	2.39	3.40	.13	3.64	2.88	2.833	
May	2.42	4.45	3.10	.69	1.67	.68	2.73	1.77	2.21	1.41	2.113	
June	1.33	1.72	1.14	.89	5.96	3.59	1.88	.72	1.71	.50	1.944	
July	3.49	3.15	2.46	2.08	.77	4.85	1.99	2.54	3.42	2.44	2.719	
August	6.22	.43	1.06	2.27	4.14	.80	1.13	2.20	2.72	.25	2.122	
September	2.11	2.47	2.59	2.07	4.20	3.10	3.00	2.53	1.93	1.98	2.598	
October	.67	6.42	2.27	2.35	4.25	2.11	3.28	4.01	6.79	3.86	3.601	
November	3.96	1.58	1.43	3.49	7.92	5.16	2.57	5.20	6.30	9.78	4.739	
December	.81	.91	.51	9.52	5.33	4.35	3.77	5.49	2.34	2.12	3.515	
TOTALS	31.12	30.67	26.12	32.22	44.13	38.47	41.18	29.76	41.72	35.09	35.48	

1931. Denbies 20' high, 40' N.

1936 Glass houses 10' high, 30' N + 9' high, 270° E. Walls 9' high, 270° S + 10' high, 60° W.

* Station formerly called Dorking (Denbies). Footnote in B.R. 1938.

+ Station inspected 24/6/38 by G.R.K. Bennett. Exposure good.

1939. Walls: 12' high 210° N: 10' high 90° S: 9' high 150° E: 10' high 30° W.

At an average of 33.8 in. was computed and in connection with working for Lanesbury.

70 average is the form at present in 'B.R.' side min. 14 of station file + 99467/36

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,			Dorking Town	1 m.	S. E.	Ranmore	250 yds.	W.

RAINFALL at DANMORE (Dunbar)

51

County of Surrey Observer R. S. C. Westbrook

River Basin 5 Thames Made &c

Type of Gauge B.R.

Annual Average 32.4 in. based on 35 years obs. un-weighted. Period of average 1891-1915 Ref. A.W.S.
34.40 " " 35 " " 1916-1950 1916-1950
File No. 299467/36

Diameter ...	5"			285	535						
Height ...	1' 0"				1						
Altitude ...	620'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.65	2.55	1.45	1.64	3.34	4.76	2.54	3.33	3.16	3.67	31.09
February ...	7.81	.92	1.74	2.66	1.92	.50	4.59	2.76	.11	2.02	25.03
March ...	4.38	3.26	.54	3.01	1.61	1.17	1.64	2.24	3.41	1.74	23.00
April ...	3.38	1.70	2.92	.42	.34	1.44	.52	1.05	2.90	0.68	15.35
May ...	2.87	2.20	2.09	2.43	4.48	.27	1.89	3.03	.75	2.05	22.06
June ...	1.04	1.46	1.68	4.64	2.45	3.02	.95	3.90	.67	2.62	22.43
July ...	2.24	.77	4.99	3.62	.92	5.25	3.98	1.52	1.70	2.79	27.89
August ...	4.68	3.60	1.71	3.01	.68	3.66	3.43	2.84	1.66	3.63	28.90
September ...	3.37	3.01	3.89	2.73	2.08	2.72	3.06	5.71	.23	3.11	29.91
October ...	1.26	3.80	4.19	2.99	3.92	1.52	2.05	3.09	3.19	8.38	34.39
November ...	8.92	3.50	1.83	6.35	2.08	.97	3.17	2.05	4.12	5.72	38.66
December ...	3.47	2.95	.84	2.62	3.48	5.15	2.57	3.66	6.03	4.00	34.77
TOTALS ...	48.07	29.72	27.87	36.12	27.25	30.43	30.39	35.18	27.93	40.52	333.48
	D	D	D	D	D	D	D	D	D	D	

1951 Greenhouse 12' 12" N; Wall 10' 60 yds S; Green House 12' 80 yds E; Wall 12' 20 yds W.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference T.R.(S).14.8.505

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Darling	2m	S.	Danmore	250 yds	W

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
C Jan 1873	✓	✓	✓	✓	
	✓	but 11.29.30	✓	✓	