

Rainfall at *Eridge Castle**C. L. Prince Esq.*

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			2.64	4.17	1.45			4.30	5.07	3.97	
February - -			.80	1.77	1.28			2.18	1.28	4.17	
March - - -			4.66	.94	3.90			3.57	2.01	1.99	
April - - -			2.21	.58	1.03			2.02	2.72	2.01	
May - - - -			2.92	2.09	1.90			2.02	.97	4.73	
June - - - -			3.44	3.64	1.10			1.99	.41	.90	
July - - - -			1.38	1.05	.56			5.07	2.42	.28	
August - - -			2.13	2.89	2.01			1.77	3.19	2.04	
September -			2.23	3.48	3.26			1.83	3.03	6.93	
October - -			6.98	3.07	2.25			2.93	3.41	.83	
November -			1.23	2.11	7.13			1.62	1.92	2.27	
December -			3.19	2.63	1.27			2.74	7.40	4.61	
TOTALS -			33.81	28.42	27.14			32.03	33.83	34.73	

C C E

1863 Agrees with M.S. net to C.L.P. Obsⁿ = H.C. 0.96

1864 May = .19 and total 25.43 in M.S. net to C.L.P.

Barlyears 1867, 1868, 1869, 1870 numbers. In 1852, W.S.A. found
false.

RAINFALL AT Bridge Castle Gardens

Lat..... Lon..... County of Sussex
 Rain Gauge, by..... Observer W. Rust

Diameter			8								
Height			1.						5.	-	
Altitude			400								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.70	3.28	7.07	5.59				8.65	1.49	3.53	
February	2.79	2.00	2.47	2.71				2.60	2.43	4.63	
March	2.29	1.88	2.09	2.25				2.96	1.90	1.03	
April .....	.31	3.75	1.54	.78				3.11	4.47	3.67	
May	1.43	1.86	4.28	1.38				2.42	4.89	3.45	
June.....	.45	2.90	3.62	2.48				.86	2.44	3.49	
July	2.20	2.77	2.62	2.28				3.11	1.80	4.12	
August.....	1.98	1.55	2.11	3.77				3.64	6.18	5.56	
September.....	2.22	3.17	1.68	3.00				1.24	1.74	3.57	
October.....	4.29	2.32	5.02	5.13				3.59	4.37	.80	
November.....	1.34	.48	6.78	3.51				8.96	5.74	1.09	
December.....	2.96	1.54	5.60	.50				3.01	2.41	1.13	
TOTALS	24.96	27.50	44.88	33.38				44.15	39.86	36.07	

1874 no return

1867-1870 mean 6.53 as found from R.A. Funnell

RAINFALL AT *Bridge Castle, Frank*

578 80

Lat.

Lon.

County of *Essex*

E. 7

Rain Gauge, by

Observer *Mr J. Rust*

Diameter	<i>8</i>			<i>6</i>						<i>5</i>	
Height	<i>1.0</i>			<i>2 1/2</i>						<i>1.0</i>	
Altitude	<i>400</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.39</i>	<i>2.14</i>	<i>2.39</i>	<i>3.55</i>	<i>3.26</i>	<i>3.66</i>	<i>5.55</i>	<i>2.94</i>	<i>.95</i>	<i>.97</i>	<i>2.580</i>
February	<i>2.93</i>	<i>3.98</i>	<i>1.55</i>	<i>5.39</i>	<i>2.76</i>	<i>4.68</i>	<i>.55</i>	<i>.86</i>	<i>1.33</i>	<i>2.69</i>	<i>2.772</i>
March	<i>1.28</i>	<i>3.34</i>	<i>2.20</i>	<i>1.49</i>	<i>2.59</i>	<i>1.93</i>	<i>2.86</i>	<i>2.17</i>	<i>4.96</i>	<i>3.08</i>	<i>2.590</i>
April	<i>2.31</i>	<i>.50</i>	<i>4.42</i>	<i>1.89</i>	<i>1.19</i>	<i>1.37</i>	<i>2.64</i>	<i>2.11</i>	<i>1.86</i>	<i>2.96</i>	<i>2.125</i>
May	<i>.10</i>	<i>1.72</i>	<i>1.56</i>	<i>2.42</i>	<i>.98</i>	<i>3.72</i>	<i>3.37</i>	<i>2.55</i>	<i>1.36</i>	<i>1.82</i>	<i>1.965</i>
June	<i>2.78</i>	<i>2.70</i>	<i>3.66</i>	<i>3.33</i>	<i>1.32</i>	<i>1.18</i>	<i>.93</i>	<i>.80</i>	<i>3.10</i>	<i>.61</i>	<i>2.041</i>
July	<i>3.53</i>	<i>2.06</i>	<i>4.29</i>	<i>2.04</i>	<i>2.14</i>	<i>.05</i>	<i>2.53</i>	<i>.74</i>	<i>5.01</i>	<i>3.23</i>	<i>2.562</i>
August	<i>1.09</i>	<i>5.34</i>	<i>1.60</i>	<i>1.12</i>	<i>.50</i>	<i>1.06</i>	<i>2.35</i>	<i>2.62</i>	<i>3.66</i>	<i>3.20</i>	<i>2.254</i>
September....	<i>4.12</i>	<i>2.89</i>	<i>3.75</i>	<i>3.76</i>	<i>4.91</i>	<i>5.56</i>	<i>1.44</i>	<i>3.97</i>	<i>.83</i>	<i>1.12</i>	<i>3.234</i>
October	<i>8.24</i>	<i>4.52</i>	<i>7.22</i>	<i>2.40</i>	<i>1.33</i>	<i>4.70</i>	<i>3.93</i>	<i>1.91</i>	<i>1.45</i>	<i>7.90</i>	<i>4.410</i>
November....	<i>2.66</i>	<i>6.38</i>	<i>4.76</i>	<i>5.38</i>	<i>1.25</i>	<i>4.35</i>	<i>4.19</i>	<i>5.63</i>	<i>5.07</i>	<i>2.08</i>	<i>4.175</i>
December	<i>3.92</i>	<i>4.29</i>	<i>3.36</i>	<i>1.33</i>	<i>4.77</i>	<i>1.45</i>	<i>6.90</i>	<i>2.39</i>	<i>2.87</i>	<i>2.48</i>	<i>3.376</i>
TOTALS	<i>34.40</i>	<i>39.86</i>	<i>45.76</i>	<i>34.59</i>	<i>27.00</i>	<i>33.71</i>	<i>37.24</i>	<i>28.69</i>	<i>32.45</i>	<i>32.14</i>	<i>34.084</i>

1881 Holy Trinity 1/2 mile W.

Wall 7 ft high 21 ft SE.

1883

Trinit. from 16 ft high 30 ft SE.

1884

Wall 2 ft high 4 ft W

RAINFALL AT Frant Bridge Castle

Lat. _____

Lon. _____

County of E Sussex

Rain Gauge, by _____

Observer Mr J Rust, M.R.A. Wilson

Diameter	5	8	5								
Height	1 0		2 0	1 0		2 0	1 0	2 0	1 0		
Altitude	400										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.17	3.88	.96	3.18	5.35	3.20	.90	2.94	.74	4.60	2.992
February ....	.58	.08	2.13	4.52	2.23	.47	.34	3.70	1.71	3.74	1.950
March	2.69	4.50	1.82	.68	2.11	2.72	3.75	5.17	2.64	1.02	2.710
April	2.87	.44	1.29	.05	2.28	2.38	.85	3.26	1.19	3.37	1.798
May	1.91	3.94	1.26	.36	1.49	.03	.40	1.67	4.71	2.55	1.832
June	2.79	2.34	2.95	1.05	2.10	.05	3.60	2.66	3.01	.75	2.120
July	3.62	3.28	2.08	3.24	4.25	3.80	.67	.58	.54	2.54	2.460
August	3.14	4.84	3.45	.80	2.08	2.81	2.38	3.38	1.92	.96	2.576
September....	1.05	2.11	2.92	3.04	3.86	.64	7.69	3.45	.55	2.93	2.824
October	1.08	10.14	1.83	4.40	5.12	3.75	5.89	.30	4.20	3.00	4.471
November....	4.51	3.72	3.08	2.94	6.57	6.61	2.09	1.27	4.18	5.60	4.057
December ....	.94	5.60	2.44	3.60	2.81	4.72	5.88	4.97	3.59	2.12	3.667
TOTALS . . .	29.35	44.87	31.21	27.86	40.25	31.18	34.44	33.35	28.98	33.18	32.467

RAINFALL AT Front Bridge Castle

Lat.

Lon.

County of East Northampton

Rain Gauge, by

Observer

W. A. Wilson

Diameter ..	5										
Height ...	20										
Altitude ..	400										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.73	1.33	2.00	3.15	6.48	1.63	6.06	1.71	2.20	1.19	3.048
February ..	6.18	2.61	1.78	2.34	4.37	1.11	3.00	2.18	1.47	.29	(2.533)
March	1.20	3.54	2.03	4.65	1.67	5.08	2.21	1.14	3.62	4.97	3.011
April	1.57	3.68	.97	2.08	1.34	2.19	1.10	3.60	2.58 2.44	1.77	2.074
May	1.16	1.20	3.43	2.35	2.36	1.61	2.43	2.78	2.01 2.06	1.63	2.101
June	3.57	1.13	2.83	4.33	2.13	4.03	1.92	3.44	2.09 2.13	2.79	2.235
July	1.13	3.16	2.71	6.97	1.28	.29	.33	1.55	4.09	2.76	2.427
August	2.95	1.80	3.76	4.36	.92	3.53	1.45	2.56	5.40 4.48	2.88	2.868
September ..	1.55	1.56	.87	2.58	2.58	2.45	1.67	.61	1.69 2.61	4.05	2.053
October	3.17	3.63	3.13	8.86	2.61	2.21	5.29	6.04	2.22	8.42	4.558
November ..	4.75	.85	3.47	2.82	1.84	6.06	7.48	2.96	1.35	1.57	3.315
December ..	4.79	6.24	2.87	3.19	4.51	1.14	2.14	4.36	4.18 2.71	5.34	3.229
TOTALS ..	36.75	30.73	29.85	47.67	32.09	31.33	35.08	32.93	32.90 22.43	37.66	34.152

1900 Feby Snow estimated

1909 Corrected for long day

1908

"

"

(VIII-13)

RAINFALL at Frank Bridge CastleCounty of SussexObserver Mr A WilsonRiver Basin Medway 7

Rain Gauge, by _____

Diameter ...	5											
Height	2 0			1 0						2 0		
Altitude ...	400											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Sum
January ...	3.91	1.90	2.97	5.55	.87	4.05	2.14	1.52	4.08	6.66		16.17
February ...	5.85	2.11	3.54	1.16	6.53	6.39	4.80	.98	1.61	2.54		14.46
March	2.46	3.20	6.21	3.70	7.52	.68	5.07	1.89	1.41	4.81		7.73
April	2.67	2.50	.12	4.36	2.13	1.82	1.57	2.61	4.24	4.01		13.18
May	2.99	.98	1.41	2.31	1.18	4.61	2.83	2.67	1.54	.38		12.43
June	2.20	2.59	3.13	.86	.88	.72	4.11	2.83	.95	.90		7.42
July	3.00	.33	1.48	2.67	1.39	4.35	1.58	3.46	5.65	2.60		8.79
August	3.22	1.13	7.10	1.74	1.08	2.06	3.06	7.14	1.70	3.16		13.27
September ..	.51	1.68	3.76	1.79	1.12	2.25	1.41	2.00	7.13	1.27		15.06
October ...	3.45	6.68	4.23	5.79	2.85	3.12	5.65	5.63	2.76	.75		11.81
November ..	4.86	7.82	2.72	4.93	4.97	4.21	5.77	2.21	2.74	3.02		14.79
December...	4.58	8.28	5.48	1.81	10.44	9.10	4.26	3.17	3.08	5.27		13.74
TOTALS ...	39.70	39.40	42.15	36.67	40.46	43.36	42.25	36.11	36.89	35.37		15.78
	2	2	2	2	2	2	2	2	2	2		150.61

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Endge	2 m	SW			

RAINFALL at Grant Bridge CastleCounty of SussexObserver Mr. A. Wilson (genl)River Basin Medway

for Marquis of Abernethy.

Rain Gauge, by _____

Diameter ...	5								5			
Height	2.0								1			
Altitude ...	400								400			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Totals.
January ...	4.72	3.82	4.30	1.79	2.74	4.09	4.29	2.88	5.34	1.27	4.43	39.67
February ...	.80	.87	3.40	5.28	1.21	5.34	2.72	5.29	1.74	.62	1.51	28.78
March	2.08	2.48	2.94	2.44	2.18	1.04	.46	5.11	2.32	.06	1.41	22.52
April	3.04	1.54	3.43	3.12	3.63	2.55	5.11	1.91	2.95	1.14	1.73	30.15
May	1.56	2.02	.97	4.17	4.51	3.04	1.89	.89	1.41	2.34	2.44	25.24
June	1.21	.07	1.63	.59	3.51	.18	3.50	4.26	2.79	1.23	1.34	20.31
July	4.64	.61	3.69	2.36	4.29	4.24	2.02	2.64	1.62	1.41	3.37	30.59
August	1.63	2.09	3.15	2.03	3.05	1.90	1.55	4.50	2.83	3.28	4.09	30.10
September...	3.05	.95	2.45	2.19	3.48	2.57	.57	4.80	0.70	.46	3.74	24.96
October	1.81	1.38	1.75	7.25	4.33	4.46	2.75	2.77	4.68	4.43	1.54	40.15
November...	2.17	1.74	2.41	2.70	3.87	3.41	8.18	3.20	5.10	9.40	6.97	47.15
December...	4.00	2.90	4.87	4.00	6.17	4.58	.73	4.78	3.58	8.17	3.06	46.84
TOTALS...	30.71	20.47	34.99	37.92	42.97	37.40	33.77	43.01	38.06	33.81	35.63	388.76
	D	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
1920			Bridge	2 mi	S W			

RAINFALL at Front (Bridge Castle)County of SussexObserver Mr. A. WilsonRiver Basin Medway 7Mr. E. A. Funnell (1939)

Type of Gauge.....

Annual Average 34.3 in. based on 58 years obs. ~~un~~ weighted. Period of average 1851 - 1915 Ref S

Diameter	5											
Height	1	0								1' 3"		
Altitude	400											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	2.56	3.89	2.49	3.82	1.25	5.99	7.36	4.30	6.42	2.25	40.33	
February	2.74	.68	2.84	.13	6.28	2.57	6.02	1.26	1.56	2.86	26.94	
March .....	.37	1.95	3.87	4.20	.65	1.56	4.77	.70	1.75	3.94	23.76	
April	4.02	2.64	0.80	3.15	3.57	2.46	2.82	1.07	2.89	2.30	35.72	
May	2.60	2.71	2.23	.88	1.86	.60	2.60	3.06	1.98	1.62	20.14	
June	1.34	1.30	1.25	2.24	2.69	3.84	2.45	.91	1.53	.24	17.79	
July	2.63	3.13	2.41	1.55	.97	4.12	.87	1.79	3.38	3.39	24.24	
August	3.92	.49	0.94	2.00	4.71	1.15	2.31	3.02	2.51	.05	21.10	
September	2.27	3.16	3.53	1.87	5.61	3.25	2.24	3.08	.90	1.55	27.46	
October .....	.61	7.37	2.49	2.58	4.95	2.54	3.71	4.82	7.95	5.07	42.09	
November	5.29	1.82	1.46	4.42	8.44	6.30	1.49	4.28	6.69	8.48	48.67	
December .....	.83	.92	0.59	8.77	4.86	4.48	5.12	(4.52)	2.49	2.04	34.64	
TOTALS	29.13	30.06	24.90	35.63	45.84	38.86	41.76	32.81	40.05	33.79	352.88	

1938 Dec. 1939 - 28th adjusted for snow.

1939 Lean to front room: - eaves 7' high, wall 13' high. 21' 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

Station No. 578

RAINFALL at Fram (bridge back)

41

County of SussexObserver Mr. J. A. S. S. S.River Basin MedwayType of Gauge SnaddenAnnual Average 34.3 in. based on 55 years obs. ~~un~~-weighted. Period of average 1881 - 1915 Ref. 5File No. A 200 275/40

Diameter	5"			243	124							
Height	1' 3"				1	1' 0"						
Altitude	400'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Totals	Means
January	3.67	2.84	6.10	2.59	2.69	3.65	2.71	6.19	1.84	1.58	33.80	
February	4.10	1.08	2.22	1.21	2.33	3.70	2.47	2.22	2.00	6.95	28.28	
March	3.43	2.80	1.37	0.06	2.14	2.05	7.17	1.19	1.09	1.70	22.00	
April	1.98	1.31	1.88	1.32	1.09	1.83	2.51	1.65	1.77	2.57	17.91	
May	2.52	3.84	3.03	0.68	2.26	2.42	1.78	2.91	1.57	1.74	22.75	
June	2.35	0.25	2.33	1.53	1.28	3.02	2.89	4.26	0.83	1.51	20.25	
July	2.81	2.60	2.11	1.87	3.77	2.06	1.41	1.38	2.0	2.86	21.07	
August	3.88	3.33	1.45	2.57	2.08	7.50	0.26	5.18	1.71	3.03	30.99	
September	0.56	2.79	1.42	2.50	1.55	4.23	1.39	2.37	1.98	3.37	22.16	
October	1.91	4.28	3.58	5.87	3.24	1.32	0.52	2.17	8.97	0.38	32.24	
November	3.95	1.74	1.91	5.84	0.53	6.90	1.11	2.01	4.29	6.98	35.26	
December	2.98	3.94	2.94	2.82	5.42	3.52	2.93	5.02	2.13	2.27	33.97	
TOTALS	34.14	30.30	29.34	28.86	28.32	42.20	27.15	36.55	28.38	34.94	320.68	

1941. Rain to fruit room 21" S.

1949 Recordings / values < 0.02 in. very few.

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			Bridge	1 1/2 in	SW	Bridge Holy Trinity	1/2 in	NW.

BRITISH RAINFALL ORGANIZATION

Station No. 578

RAINFALL at FRANT (BRIDGE CASTLE)

51

County of SUSSEX

Observer M. S. D. FENNELL

River Basin MEDWAY - T

MA. P. WARD (1953)

Type of Gauge SINKDOWN

Annual Average 34.3 in. based on 58 years obs. unweighted.
34.66 " 35 " 1916-1950

Period of average 1881-1915 Ref. S

File No. 196 1959 200278/40

Diameter ...	5"			29.3	12.4						
Height ...	1' 6"				1						
Altitude ...	400'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.39	3.52	1.29	1.79	3.79	6.07	3.13				
February ...	8.06	1.08	1.65	2.32	2.59	1.07	5.62				
March ...	4.54	3.47	.28	4.13	1.56	1.04	1.41				
April ...	2.90	2.40	3.01	0.68	.31	1.37	.44				
May ...	2.19	1.32	1.77	2.88	5.44	.62	1.43				
June ...	1.61	2.03	1.49	3.81	2.55	3.38	1.81				
July ...	2.26	.73	4.42	3.02	2.72	3.80	3.83				
August ...	6.45	3.74	1.40	2.48	.87	4.58	2.91				
September ...	3.89	3.72	5.14	2.97	2.84	4.12	3.71				
October ...	1.61	3.83	3.58	3.44	5.22	2.10	1.79				
November ...	7.24	4.91	1.59	7.44	2.03	1.25	3.83				
December ...	4.14	3.30	.99	2.61	3.21	6.17	3.01				
TOTALS ...	49.28	34.05	26.61	37.57	33.13	35.37	32.92				
	d	d	d	D	D	D	D				

1955 Wall 10' 40" N. 5:2 + W.

1960 Unweighted 22/3/58.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TQ 51 564356

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		Parish Church.	Distance Direction from gauge.	
1955			Eridge	2 m	W	Bridge Green	1/2 m	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
	✓	✓	✓	✓	
	✓	✓ burd 20-23	✓ burd 31-35	✓ burd 41	