

RAINFALL AT *Frank Henley House*

Lat. _____

Lon. _____

 County of *E. Sussex* 7

Rain Gauge, by _____

 Observer *Eustace Malden Esq.*

Diameter							5				
Height							1	0			
Altitude							445				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								2.75	.74	3.52	
February								3.02	1.54	3.37	
March								5.38	.38	.71	
April								2.07	2.25	3.02	
May								1.51	4.40	2.44	
June							3.37	2.33	2.33	1.30	
July .....							.67	.84	.99	1.87	
August								3.34	1.30	1.18	
September....							7.77	3.12	.58	3.14	
October.....							5.53	2.23	.78	2.38	
November....							1.63	1.46	3.96	4.49	
December							5.20	4.48	2.83	1.72	
TOTALS . . .								30.52	25.08	29.14	

Recd. 1896 (part) to 1907 31. I. 10. 1908 recd. 26. I. 10

Entd. 1896 (part) to 1905 16. I. 12

RAINFALL AT Frant Henley House

Lat. _____

Lon. _____

County of Essex

Ordinary Rain Gauge, by Casella

Observer Estace Malden Esq

Diameter ...	5								5		
Height	1 0								1 0		
Altitude ...	445								445		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...	4.23	.98	.93	2.93	4.93	1.42	5.18	.58	1.81	1.15	
February ...	6.01	2.25	1.45	1.69	3.34	.88	2.45	1.71	1.33	.54	
March	1.13	2.03	1.49	3.08	1.38	4.29	2.08	.76	2.59	4.43	
April	1.41	2.25	.81	2.32	.94	2.73	1.19	3.21	2.34	1.48	
May .....	.87	1.95	2.59	2.05	2.87	.90	2.02	2.24	1.64	1.36	
June	2.98	1.53	2.70	4.10	1.22	3.55	1.60	2.41	2.18	2.97	
July .....	.69	2.66	1.52	4.60	.99	.35	.38	1.58	3.71	2.94	
August	2.25	1.31	4.30	3.77	.74	3.22	1.49	1.42	4.70	2.66	
September ..	1.19	1.16	.49	2.46	2.04	2.24	1.46	.60	1.58	3.60	
October ...	2.57	3.16	2.39	7.22	2.38	2.06	4.96	5.68	1.64	8.24	
November ..	3.64	.55	2.29	2.28	1.67	5.03	7.41	2.61	1.14	1.29	
December ...	4.25	5.45	2.31	2.20	4.00	.89	2.77	3.91	3.00	4.86	
TOTALS ...	31.22	25.28	23.27	38.70	26.50	27.56	32.99	26.71	27.66	35.52	

1909 Frant Church 1 Mile N

Wadhurst Station 1 3/4 S.E.

Tree 45 ft. high 20 yards S

Recd. 1894 (pms) to 1907; 31. E. 10. 1908 recd. 26. E. 10

Entd. 1896-1905 16. E. 12

Trees to S. are too close. Open on S.W., N. and E.

RAINFALL at Frank Henley LodgeCounty of SurreyObserver E. Malden EsqRiver Basin Medway 7Rain Gauge, by Cassella
Sunder ~~Cassella~~

Diameter ...	5										
Height	10										
Altitude ...	445T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.11	1.63	2.83	4.81							
February ...	4.13	1.45	2.93	1.04							
March	2.12	2.61	5.12	2.92							
April	2.45	2.10	.11	3.71							
May	2.94	1.21	1.20	1.59							
June	1.79	1.96	3.01	.74							
July	2.40	.35	1.63	2.47							
August	2.79	.86	6.70	2.60							
September ..	.40	1.62	3.53	1.09							
October ...	2.33	6.40	4.41	5.58							
November ..	4.48	6.74	2.37	4.89							
December ...	2.40	5.92	4.74	1.58							
TOTALS ...	33.34	32.85	38.58	34.32							
	D	D	P	Z							

1910 trees 40-50 ft high 50 ft
140 ft S

1940 average rejected from survey as being 2" low

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.55 N	0.1650 E	Wadhurst	1 1/2 M	SSE	Frank	1 M	N

RAINFALL at

Frank Henley Lodge ^{House (13)}County of SurreyObserver Eustace Malden EsqRiver Basin Medway 7Snarndon Rain Gauge, by Steward

Diameter ...	5											
Height	1.6											
Altitude ...	445											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Sums.
January ...			2.92	4.81	.86	3.49	1.91	1.41	3.69	6.34		16.19
February ...		1.62	3.05	1.04	4.74	4.88	5.28	.89	1.20	2.38		13.35
March		2.80	5.46	2.92	6.59	.71	4.78	1.72	.99	4.68		9.75
April		2.23	.09	3.91	1.84	1.65	1.57	2.40	3.50	3.70		12.17
May		1.24	1.18	1.59	1.20	5.15	2.55	2.30	1.59	.40		11.17
June		2.14	3.03	.74	.78	1.02	4.18	2.57	.98	.89		6.84
July .....		.38	1.65	2.97	1.56	3.94	1.35	3.65	5.26	2.45		8.62
August .....		.89	6.78	2.60	.8	1.38	2.44	6.61	1.46	3.63		12.71
September ..		1.65	3.64	1.99	1.08	2.47	1.42	1.84	6.65	1.24		16.14
October ...		6.60	4.43	5.58	2.70	2.62	5.32	4.96	2.71	.76		11.15
November ..		7.01	2.35	4.59	4.40	4.28	5.60	1.91	2.68	2.86		13.75
December ...		6.88	4.98	1.58	8.51	8.57	4.10	2.93	2.84	4.36		13.05
TOTALS ...			39.56	34.32	35.12	40.16	40.50	33.19	33.55	33.69		14.23
			D	D	D	D	D	D	D	D		140.93

1911 inches 54 ft high 120 ft N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51.5.54	0.16.50 E	Wadhurst ^{12.12} 178 Frank	2 1/2 1 1/2 m	SE NNE	Frank	1 1/2 1 1/2 m	N

RAINFALL at Grant-Henley HouseCounty of SussexObserver Rev. E. MaldenRiver Basin MedwaySnowdon Rain Gauge, by Steward
Camden measure

Diameter ...	5"											
Height	1	6										
Altitude ...	440											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	4.27	3.65	3.94	1.48	2.66	3.62	3.83	2.61	5.20	1.33	4.65	Total 37.24
February ...	.77	.74	3.07	4.60	1.16	4.42	2.58	5.47	1.67	.78	1.74	27.00
March	1.85	2.04	2.58	2.38	2.09	.97	.46	4.55	2.37	.03	1.77	21.09
April	2.99	1.35	3.34	2.91	3.36	2.75	5.20	1.91	2.93	1.16	2.05	29.95
May	1.21	1.63	1.24	3.86	4.70	2.87	1.79	.77	1.73	2.04	2.85	24.69
June	1.40	.06	1.42	.57	3.53	.23	3.38	5.03	3.35	1.22	1.26	21.45
July	4.95	.81	3.72	2.82	4.92	4.38	2.14	2.60	1.89	1.78	3.16	33.17
August	1.53	2.58	3.14	2.08	3.01	2.25	1.78	4.90	2.42	3.16	4.27	31.12
September...	2.86	1.00	2.49	2.25	3.99	2.56	.74	5.14	.65	.63	4.19	26.48
October	1.88	1.88	1.86	7.18	4.69	4.94	2.94	2.92	7.39	4.51	2.02	42.21
November...	2.33	1.68	2.06	2.68	3.49	3.67	7.27	3.17	4.95	9.52	6.85	47.67
December...	3.43	2.98	4.31	3.36	4.97	4.46	.70	5.16	4.03	8.06	2.92	44.38
TOTALS...	29.47	20.40	33.17	36.17	42.57	37.14	32.81	44.23	38.58	34.12	37.73	386.37

1920 Six Trees 14 ft high 140 N

1921 50 " " 40 ft N

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 5' 5" N	0° 16' 30" E	Grant	1 1/8 mi	NE by N	Grant	1 1/8 mi	N by W

RAINFALL at Frant (Henley House)
^{Gardens}
^{Spige}County of Sussex

Observer

Rev. E. M. Alden. lfc 1-1-38

River Basin

Metway 7St. Cyprian's (1938)

Type of Gauge

A. O.Annual Average 32.2 in. based on 27 years obs. ~~un~~-weighted. Period of average 1881 - 1915. Ref. S.

Diameter	5											
Height	1	6										
Altitude	440											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	2.28	3.31	2.19	3.45	1.03	5.27	7.10	4.24	6.37	2.50	37.74	
February	2.68	.53	2.40	.22	4.93	2.57	5.88	.90	1.36	2.92	24.39	
March	.47	1.84	3.16	3.90	.56	1.37	5.58	.58	1.93	3.67	23.06	
April	4.11	2.50	0.87	2.94	3.68	2.43	2.74	.77	2.90	1.88	24.82	
May	2.53	2.66	2.22	.72	2.00	.35	2.60	3.01	1.83	1.37	19.29	
June	1.39	1.16	1.16	1.55	2.40	2.86	2.64	.90	1.49	.28	15.83	
July	2.52	2.92	2.35	1.24	1.02	4.08	1.02	1.89	4.20	3.09	24.33	
August	3.64	.51	1.25	2.34	4.96	1.80	1.90	2.84	2.30	.12	21.66	
September	2.45	2.81	3.74	1.86	6.28	3.79	1.96	3.28	.72	1.54	28.43	
October	.59	8.07	2.61	2.56	5.24	2.55	4.02	4.97	8.69	5.47	44.76	
November	5.07	1.66	1.28	4.20	7.95	5.84	1.37	4.00	6.80	8.76	46.93	
December	.65	.88	0.65	8.86	4.59	4.01	4.82	(4.37)	2.11	2.08	32.52	
TOTALS	28.38	28.85	28.88	33.33	44.64	36.92	41.63	31.75	40.70	33.68	343.76	

1931. Fets 30' to 40' high, 40 yds. N.

1936. Gauge moved 100 yds. N on 6th Aug. 1935.

1935. Tree (fct) 40' 50' high 25 yds N.E.

1938 Dec. 19th - 26th amended for snow.
Fets 40' high 50 yds N.Position of Station on reduced Ordnance Survey Map, } No. of Map.....
1 mile to 1 inch Series

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge
1931.			Frant	1 1/2 m. N.E. by N.	Frant	1 1/2 m. N. by W.

Station No. 577

RAINFALL at Frank (Hensley Gardens)

41

County of Sussex

Observer ^{24. 1938} ⁽¹⁹³⁸⁾ J. Benskin

River Basin Medway-7

Type of Gauge M.O.

Annual Average 32.2 in. based on 27 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5

File No. 727923/38

Diameter	5"			295	312							
Height	1' 6"				1							
Altitude	440'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Totals	Means
January	3.85	2.90	6.32	2.46	2.50	3.21	2.98	6.21	1.70	1.59	33.72	
February	3.63	.83	2.04	1.19	2.17	4.69	2.69	2.17	1.95	6.34	27.70	
March	3.26	3.06	.37	.07	2.16	1.97	7.20	1.44	1.06	1.74	22.33	
April	1.96	1.38	1.74	1.65	1.01	2.41	2.55	1.47	1.73	2.93	18.83	
May	2.53	3.83	2.92	.85	2.26	2.50	1.93	2.70	1.62	1.62	22.76	
June	2.37	.15	1.93	1.28	1.52	3.48	3.03	3.20	.95	1.52	19.43	
July	3.45	2.28	2.15	2.75	3.33	1.95	1.84	1.52	.36	2.57	22.20	
August	4.45	2.64	1.18	2.85	2.61	7.18	.20	4.22	1.67	3.31	30.31	
September	.69	2.67	1.43	3.03	1.60	3.95	1.15	2.28	3.30	3.60	23.70	
October	1.85	3.06	3.65	5.86	3.78	1.11	.58	2.35	8.39	.59	31.22	
November	4.00	1.92	2.63	5.78	.36	6.30	1.44	2.12	4.49	7.09	36.13	
December	2.72	3.63	2.71	3.03	5.07	4.23	3.19	5.00	1.79	2.48	33.25	
TOTALS	34.76	28.35	29.07	30.80	28.37	42.98	28.78	34.68	29.01	35.38	322.18	

1941. Feb 40' high 50yds N.

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			Frank	1 1/2 m.	NNE	Frank	1 1/8 m.	NNW

BRITISH RAINFALL ORGANIZATION

RAINFALL at FRANT (HENLEY GARDENS)

51

County of SUSSEX

Observer Col. J. BENSKIN

River Basin MEDWAY - 7

MRS. BENSKIN July '53

Type of Gauge H.O. Swarden

Annual Average 32.2 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. S
34.09 " " 35 " 1916-1950 1916-1950 239.23/38 P

File No. 239.23/38 P

Diameter ...	5"			295	312							
Height ...	1' 0"				1				1' 8"			
Altitude ...	440'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	4.19	3.19	1.29	1.79	4.67	5.75	3.45	4.09	2.90	3.34		34.66
February ...	7.85	1.05	1.49	2.67	2.44	1.11	5.52	2.85	.07	2.50		27.55
March ...	3.62	3.67	.17	3.79	1.57	.99	1.44	2.07	2.09	2.52		21.93
April ...	2.57	2.29	2.72	.45	.28	1.32	.32	1.59	3.05	.91		15.50
May ...	1.65	1.17	1.49	2.70	4.84	.65	1.73	2.14	.96	2.62		19.95
June ...	1.88	1.27	1.97	3.79	2.82	3.12	1.56	4.38	.96	1.79		23.54
July ...	1.86	.80	3.66	3.45	4.99	4.43	3.78	2.46	2.21	3.86		31.50
August ...	6.39	2.85	1.88	3.31	1.16	4.22	3.46	4.95	1.09	6.65		35.96
September ...	3.55	3.97	4.62	3.09	2.74	3.96	4.33	4.24	.13	2.97		33.60
October ...	1.57	3.76	3.44	3.19	5.27	1.91	1.87	4.11	3.07	8.28		36.47
November ...	6.98	4.99	1.80	7.53	1.69	1.24	3.38	1.97	4.82	8.27		42.67
December ...	3.96	3.45	.96	2.62	3.45	6.05	3.12	4.83	8.12	4.80		41.36
TOTALS ...	46.07	32.46	25.49	38.38	35.92	34.75	33.96	39.68	29.47	48.51		364.69
	D	D	D	D	D	D	D	D	D	D		

1955 First 140° 50' N.

July 1957 13.04% Overbellow slightly 4 from NNE-NE and back SWNE-SE. Has been chosen.

1959 Gauge moved 30 yards WNW on 10th in August.

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference 10(5) 59 34 3

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1952.			Frant	1 1/2 ml NNE	Frant	1 1/2 ml NNW

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 imp' 11	✓	✓	✓	
	✓	✓	✓	✓	