

RAINFALL AT *Frank, Herley House*

Lat.

Lon.

County of E. Sussex 7

Rain Gauge, by

Observer *Eustace Malden Esq.*

Diameter										5	
Height										10	
Altitude										445	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January										2.75	.7443.52
February										3.02	1.543.37
March										5.38	.38 .71
April										2.04	2.25 3.02
May										1.51	4.402.44
June										3.37	2.33 2.33 1.30
July67	.84 .99 1.87
August										3.34	1.30 1.18
September....										7.77	.312 .58 3.11
October.....										5.53	2.23 .78 2.38
November....										1.63	1.40 3.90 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

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

RAINFALL AT Frant Henley House

Lat.

Lon.

County of

Sussex

Ordinary Rain Gauge, by Casella

Observer Eustace Maldenby

Diameter ...	5									5
Height	10									10
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	1.35	4.29	2.08	1.76	2.59	4.43
April	1.41	2.25	.81	2.32	.94	2.73	1.19	3.21	2.34	1.48
May87	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
July69	2.66	1.52	4.60	.99	.35	.38	1.58	3.41	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	24.56	32.99	26.71	27.66	35.52

1909 Frant Church 1 Mile N

Wadhurst Station 1 $\frac{1}{2}$ SE.

Tree 45 ft high 20 yards S

Recd. 1898 (part) to 1907; 31. I. 10. 1908 recd. 26. I. 10

Entered 1896-1908 16. E. 12

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

RAINFALL at Frank Hersey LodgeCounty of SussexObserver. E Malden EsqRiver Basin Medway 7Rain Gauge, by CassellaSund ~~Camden N.W.~~

Diameter ...	5									
Height	1 0									
Altitude ...	4457									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January	3.11	1.62	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	3.21						
May	2.94	1.21	1.20	1.59						
June	1.79	1.96	3.01	.74						
July	2.40	.35	1.63	2.97						
August	2.79	.86	6.70	2.60						
September ..	.40	1.62	3.53	1.09						
October ...	3.33	6.40	4.41	5.58						
November ..	4.48	6.74	2.37	4.69						
December ...	3.40	5.92	4.74	1.58						
TOTALS ...	33.34	32.85	38.58	34.82						
	D	D	D	D						

1910 Meas. 40-50 ft high 58 ft 5
140 ft N

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	1/2 m	SSE	Frank	1 m	N

RAINFALL at Frank Henley Lodge^{Hause (3)}County of SussexObserver Endace Malden EsqRiver Basin Medway 7

Snowdon Rain Gauge, by Steward

Diameter ...	5										
Height	1.6										
Altitude ...	445										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...		2.92	4.81	.86	3.49	1.91	1.41	3.69	6.34		5.35
February ...	1.62	3.05	1.04	4.74	4.88	5.28	.89	1.20	2.38		9.75
March	2.80	5.46	2.92	6.59	.71	4.78	1.72	.99	4.68		12.17
April	2.23	.09	3.91	1.84	1.65	1.57	2.40	3.50	3.70		11.17
May	1.24	1.18	1.59	1.20	5.15	2.55	2.30	1.59	.40		6.84
June.....	2.14	3.03	.74	.78	1.02	4.18	2.57	.98	.89		8.62
July38	1.65	2.97	1.56	3.94	1.35	3.65	5.26	2.45		12.71
August.....	.89	6.78	2.60	.88	1.38	2.44	6.61	1.46	3.63		16.14
September ..	1.65	3.64	1.99	1.08	2.47	1.42	1.84	6.65	1.24		11.15
October ...	6.60	4.43	5.58	2.70	2.62	5.32	4.96	2.71	.76		13.75
November ..	7.01	2.35	4.59	4.40	4.28	5.60	1.91	2.68	2.86		13.05
December...	6.88	4.98	1.58	8.51	8.67	4.10	2.93	2.84	4.36		14.23
TOTALS ...		39.56	34.32	35.12	40.16	40.50	33.19	33.55	33.69		140.93

1911 Times 50ft high 120 ft N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51° 5' S	0° 16' 50" E	Wadhurst	2m 1 1/2 m	SE NNW	Frank	1 1/2 m	N

RAINFALL at Grant-Henley House

County of Sussex

Observer P. 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	MEANS.
January ...	4.27	3.65	3.94	1.48	2.66	3.62	3.83	2.61	5.20	1.33	4.65
February ...	77	74	3.07	4.60	1.16	4.42	2.58	5.47	1.67	.78	1.74
March	1.85	2.04	2.58	2.38	2.09	97	1.46	4.55	2.37	.03	1.77
April.....	2.99	1.35	3.34	2.91	3.36	2.75	5.20	1.91	2.93	1.16	2.05
May	1.21	1.63	1.24	3.86	1.70	2.87	1.79	.77	1.73	2.04	2.85
June	1.40	.06	1.42	.57	3.53	.23	3.38	5.03	3.35	1.22	1.26
July	4.95	.81	3.72	2.82	4.92	4.38	2.14	2.60	1.89	1.78	3.16
August	1.53	2.58	3.14	2.08	3.01	2.25	1.78	4.90	2.42	2.16	1.27
September...	2.86	1.00	2.49	2.25	3.99	2.56	1.74	5.14	.65	.63	1.19
October.....	1.88	1.88	1.86	7.18	4.69	4.94	2.94	2.92	7.39	4.51	2.02
November...	2.33	1.68	2.06	2.68	3.49	3.67	7.27	3.17	4.95	9.52	6.85
December...	3.43	2.98	4.31	3.36	4.97	4.16	.70	5.16	4.03	8.06	2.92
TOTALS...	29.47	20.40	33.17	36.17	42.57	37.17	32.81	44.23	38.58	34.12	37.73

1920 Fir Trees 14 ft High 140 N

1921 ^{Aut.} 50 " 407 ft ..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° 5' 5" N	0° 16' 50" E	Grant	1 1/8 mi	N by N	Grant	1 1/8 mi	N by W

RAINFALL at Frant (Henley House)

County of SussexGardens
Slope

Observer Rev E. M. Alder, M.A., F.R.S. 1-1-38

River Basin MeonwayAt Cold Benenden (1938)Type of Gauge A.A.

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

Diameter	5											Totals	Means
Height	16											10	
Altitude	440												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940			
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	5.3	2.40	2.22	4.93	2.57	5.88	.90	1.36	2.92	24.39		
March	1.47	1.84	3.16	3.90	.56	1.37	6.58	.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	2.6	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. Site 30' to 40' high, 40 yds. N.

1935. Gauge moved 100 yds. W on 6th Aug. 1935.

1935. Tree foot 10-50' high 25 yds. N.E.

1938 Dec. 19 the scale amended for snow.
Fins 100' high 50 yds. N.

D.H.

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	Parish Church.	Distance from gauge
1931.			Frant	1 1/2 m.	N.E. by N.	Frant	1 1/2 m. N.E. by W.

Station No. 577

41

RAINFALL at Frank (Hemley Grange)

County of Gloucester

Observer *Frank T. Bernatkin*

River Basin Medway

Type of Gauge M.O.

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

File No. 727923/32

Diameter	5"		295	312							
Height	1' 6"				1						
Altitude	440'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Total 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	3.37	.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	33.85
TOTALS	34.76	28.35	29.07	30.80	28.37	42.98	28.78	34.68	29.01	35.38	322.18

1941. Fins 40' high 5000 N.

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	Parish Church.	Distance from gauge
1941			Frank	1/2m.	NNE	Frank	1/8m. NNW

BRITISH RAINFALL ORGANIZATION

Station No. 577

295512
Trans. 3/62

51

RAINFALL at FRANT (HENLEY GARDENS)

County of SUSSEX

Observer Col. J. BENSKIN,

River Basin MEDWAY - 7

MRS. BENSKIN July '53

Type of Gauge H.O. Standard

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 File No. 1329923/38 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	5.45	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	3.40	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	34.45	33.96	39.68	29.47	48.51	364.69
	D	D	D	D	D	D	D	D	D	D	D

1955 First 10°50' N.

July 1957 1959 1960. Overhauled slightly & from NNE-NE and back SW-SE. New site chosen.

1959. Gauge round 30 yards WNW another in August.

Position of Station on Ordnance One-Inch map :			No. of Map	National Grid Reference 19(5) 595343			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1952.			Frant	1½ mi	NNE	Frant	1½ mi. 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 ✓	✓	✓	✓	✓