

RAINFALL AT *Forest Row, Charlwood Farm*

Lat. _____

Lon. _____

County of _____

Sussex 7

Rain Gauge, by _____

Observer _____

A. Hoare Esq.

Diameter									5		
Height									1.0		
Altitude									250		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January . . . .									.36	3.27	
February									1.47	3.22	
March . . . . .									.41	.90	
April . . . . .									.88	2.95	
May									3.57	1.38	
June									1.99	1.42	
July . . . . .									.35	3.04	
August									1.38	.84	
September . . . .									.77	2.09	
October									2.31	2.51	
November									4.32	5.93	
December									2.46	1.58	
TOTALS									20.27	29.13	

RAINFALL AT Forest Row (Charwood Farm)

Lat. Lon. County of East Sussex 1

Rain Gauge, by Observer A. Hoare Esq.

Diameter ..	5											
Height	10											
Altitude ..	250 I											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.35	.75	1.16	1.92	6.15	1.23	2.89	1.24	1.99	1.22		
February ..	4.67	.96	1.14	1.49	3.51	.80	2.90	1.62	1.35	.20		
March	1.00	2.66	1.67	2.88	.99	4.08	1.04	.98	2.45	2.80		
April .....	.86	2.54	1.11	2.09	1.41	2.02	.89	3.73	1.94	1.69		
May .....	.54	1.21	3.05	2.15	2.66	.87	1.93	2.16	2.08	1.91		
June	3.54	1.21	3.01	4.14	1.82	4.45	2.65	1.99	1.85	3.35		
July	1.04	3.70	2.48	4.79	1.01	.48	1.18	1.29	3.67	3.37		
August	2.58	1.48	4.84	4.49	1.46	3.23	.86	2.37	5.76	2.62		
September ..	1.27	2.03	.49	3.06	1.04	2.49	1.10	.71	1.08	3.21		
October	2.45	3.07	2.91	7.44	2.89	1.20	6.36	5.64	1.54	7.75		
November ..	4.02	.43	3.30	2.77	1.60	5.89	6.43	2.69	1.33	1.32		
December ..	3.65	5.43	2.01	2.19	3.83	.95	(2.20)	3.52	3.72	5.57		
TOTALS ..	28.97	25.47	27.17	39.41	28.37	27.69	(30.43)	27.94	28.76	35.04		

1906 Dec
roughly
estimated 2.22

1900 Forest Row Church 3 miles E

Bank 5 ft high 10 ft E

1905 Forest Row Station 3 miles

1906 Some snow: not measured. Obsr. stated that no rain fell (??)

1908 Hedgecroft Garden Wall 5 to 10 ft high 20 to 30 ft E + S

RAINFALL at Forest Row, Charlwood FarmCounty of SussexObserver A. Hoare Esq.

River Basin

Medway 7Howard

Rain Gauge, by

Diameter ...	5										
Height	1.0								2.0		
Altitude ...	250 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.30	1.34	2.74	5.40	1.01	3.75	2.86		3.05	(6.00)	
February ...	4.77	2.15	3.10	.92	5.79	5.43	3.14		1.43	(2.60)	
March	1.50	1.90	5.39	3.83	6.84	.82	3.37		1.01	3.73	
April	2.21	2.12	.00	3.99	1.94	1.51	1.40		4.27	1.78	
May	2.54	1.29	1.58	2.09	1.39	4.10	2.57		1.46	1.19	
June	2.65	2.31	3.01	.79	.59	.40	3.03		1.84	1.12	
July	2.91	.67	1.77	3.38	2.12	4.39	1.27		6.46	2.01	
August	3.30	1.03	6.85	1.61	1.59	1.57	3.35		1.27	3.18	
September ..	.34	1.72	3.31	2.51	1.56	2.57	1.72		5.52	1.29	
October ...	3.01	5.77	5.82	5.08	2.26	2.59	5.83		1.77	.51	
November ..	5.35	7.62	3.36	4.25	4.48	2.83	5.41		2.56	2.54	
December ...	4.98	8.29	4.53	1.76	10.78	8.49	4.12		2.85	5.51	
TOTALS ...	36.86	36.21	41.46	35.60	40.35	38.85	38.27	NR	33.49	(31.46)	

1917 Hdg 6 ft high 15 ft E

1919 Jan.-Feb. Estimated

Inspected by B. W. D. S. supported in large flower pot. ^{in unsatisfactory manner.} Sheltered position
 but probably not too much for type of gauge.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			West Horsham	2 1/2 M	W	Forest Row	2 1/2 M	E

RAINFALL at Forest Row Charlwood FarmCounty of SussexObserver A. Hoare Esq.River Basin Medway 7.Howard Rain Gauge, by

Diameter ...	5"										
Height	2 0										
Altitude ...	350										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MAY
January ...	4.33	3.85	6.21	1.72	2.65	3.25	4.16	3.35	5.61	1.34	4.56
February ...	.65	.66	3.18	5.85	1.03	5.13	3.53	5.68	2.36	.78	.97
March	2.08	1.95	2.50	3.91	1.70	1.01	.37	5.68	2.94	.09	1.57
April	3.31	1.41	4.16	2.85	3.40	3.50	3.65	2.31	2.28	1.20	2.06
May	1.11	2.06	1.08	3.75	5.52	3.24	1.91	.82	1.41	2.61	3.08
June	1.29	.23	1.45	.30	3.11	.13	4.76	4.43	3.20	2.21	.90
July	5.64	.60	4.62	3.16	5.01	11.34	1.37	3.82	1.68	2.23	3.28
August	1.89	2.62	3.62	2.12	3.43	2.48	3.10	5.73	3.63	3.68	4.71
September...	4.00	1.11	2.11	2.27	3.95	2.71	.59	5.67	.52	.64	3.75
October	1.80	1.80	1.48	7.16	4.38	11.10	2.95	3.04	8.18	5.02	2.13
November...	2.23	2.02	2.53	2.28	3.84	3.56	8.81	3.21	4.63	10.29	7.18
December...	3.89	2.55	4.60	3.53	6.70	4.03	.58	4.51	11.60	10.14	3.44
TOTALS...	32.22	20.86	37.54	38.90	44.72	37.48	36.08	48.25	41.04	40.23	37.63

1920 Inspected 6.11.20

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	Parish Church.	Distance from gauge	Direction
1920	51° 8' (1924)		Ringsted	2 mi	W	Forest Row	2 1/2 mi	E

RAINFALL at Forest Row (Charwood Farm)

County of SussexObserver A. Hoare, Esq. died 11/38River Basin Medway

Miss H. L. Hoare

Type of Gauge M.O.Annual Average 32.9 in. based on 37 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5

509443 36

Diameter	5										
Height	20							7			
Altitude	350							384			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.80	3.73	2.55	4.39	1.13	6.21	7.94	4.49			
February	2.70	5.6	2.92	1.6	5.92	2.76	7.02	1.23			
March	1.43	2.05	4.11	4.08	5.5	2.26	4.82	5.9			
April	4.29	3.40	1.03	3.57	4.35	2.78	3.15	2.0			
May	3.14	3.44	2.87	1.06	1.72	2.50	(2.50)	3.10			
June	2.02	1.52	2.47	1.69	4.75	4.88	1.96	5.9			
July	3.73	4.35	2.63	2.30	1.15	5.83	9.9	1.74			
August	5.15	8.9	1.42	2.23	5.13	8.6	2.66	1.79			
September	2.51	2.92	3.42	2.33	6.24	4.04	2.83	2.82			
October	1.66	8.72	2.30	2.96	5.70	2.75	2.90	4.60			
November	5.52	1.71	1.28	5.88	9.37	5.95	2.26	4.29			
December	1.90	1.95	0.73	10.46	5.43	3.54	4.44	4.56	#		
TOTALS	33.85	34.24	27.73	41.11	51.44	44.96	43.47	30.00			
					7/8	2.00	7/8	d			

1935 n/p. big.

1936 n/p. big.

5" no gauge record supplied 5/37

1937 n/p. big. May estimated from surrounding stations.

1938 Glasshouse 16' high 20' N.E. Apple tree 9' high 20' N.W. Wall 9' high 78' N.
Hedge 6' high 25 yds S.

1939. Station terminated at death of A. Hoare.

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.			East Grinstead			Forest Row	2 1/2 m.	E.
1938			W. Houlshly	2 m.	W.S.W.	W. Houlshly	2 m.	W.S.W.