

RAINFALL AT ~~Forest Row~~, Charlwood Farm

Lat.

Lon.

County of

Sussex 7

Rain Gauge, by

Observer

A. Howard Eng

Diameter .....										5	
Height .....										1-0	
Altitude .....										250	
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....										.36	3.29
February .....										1.47	3.22
March .....										.41	.90
April .....										.88	2.95
May .....										2.67	1.38
June .....										1.99	1.42
July .....										.35	3.04
August .....										1.38	.84
September .....										.71	2.09
October .....										2.31	2.51
November .....										4.32	5.93
December .....										2.46	1.50
TOTALS .....										20.27	29.13

## RAINFALL AT Forest Row Chawood Farm

Lat. .... Lon. .... County of East Sussex 1  
 Rain Gauge, by Observer A. Horne Esq.

Diameter ..	5										
Height ..	10										
Altitude ..	250 ft										
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	3.87	
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	7.78	
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	(30.48)	27.94	28.76	35.04	

1900 Forest Row Church 3 miles E

1906 Dec  
roughly  
estimated 2.22

Bank 5 ft high 10 ft E

1905 Forest Row Station 3 miles

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

1908 Hedge & garden wall 5 ft high 20 ft 30 ft E + S

## RAINFALL at Forest Row Charlwood Farm

County of Sussex

Observer A Hoarely

River Basin

Medway 7

Howard Rain Gauge, by

Diameter ...	5									
Height .....	1.0								2.0	
Altitude ...	2507									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	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	5.89	3.83	6.84	.82	3.87		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	2.08	1.39	4.10	2.57		1.46 1.19	
June.....	2.65	2.31	3.01	.79	.59	.80	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	5.61		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 Hedge 6 ft high 15 ft E

1919 Jan. Feb. Estimated  
 Inspected 26. 1. 1920. S. supported in large flower pot in sheltered position  
 but probably not too much for type of gauge -

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			West Hoarely approx.	2½ m	W	Forest Row	2½ m	E

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

Diameter ...	5"										
Height .....	20										
Altitude ...	350										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
										<sup>1930</sup> <u>MEAN.</u>	
January ...	4.33	3.85	6.21	1.72	2.65	3.25	4.146	3.35	5.61	1.34	4.56
February ...	1.65	1.66	3.18	5.85	1.03	5.13	3.53	5.68	2.36	1.78	.97
March .....	2.08	1.95	2.50	3.91	1.70	1.01	.37	5.68	2.94	1.09	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	1.23	1.45	.30	3.11	.13	4.76	4.43	3.20	2.21	.90
July .....	5.64	6.0	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	2.19
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	4.60	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. IV. 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
(1924) 1920	51° 8'		Hingscote	2 mi	W	Forest Row	2½ mi E

574  
31

## RAINFALL at Forest Row (Charlwood Farm)

County of SUSSEX

Observer A. Hoare, Esq., died 11/38

River Basin Medway

Miss H. L. Hoare

Type of Gauge M.O.

Annual Average 32.9 in. based on 37 years obs. -weighted. Period of average 1881 - 1915 Ref. S

509448/36

Diameter	5										
Height	20									7	
Altitude	350									384	
Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	Means
January	2.80	3.73	2.55	4.39	1.13	6.91	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	5.55	2.26	4.82	1.59			
April	4.29	3.40	1.03	3.57	4.35	2.78	3.15	1.20			
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	1.59			
July	3.73	4.35	2.63	2.30	1.15	5.83	1.99	1.74			
August	5.15	8.89	1.42	2.23	6.13	86	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	1.60			
November	5.52	1.71	1.28	5.88	9.37	5.95	2.26	1.29			
December	1.90	1.95	0.73	10.46	5.43	3.54	1.44	1.56	#		
TOTALS	33.85	34.24	27.73	41.11	51.44	44.96	43.47	30.00			
	7/P				d/m	m/r	d				

1935 n/p. big.

1936 n/p. big.

5" no gauge since 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 75' N.  
Hedge 6' high 25yds S.

1939. Station terminated at death of A. Hoare.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			East Grinstead			Forest Row	2½ m.	E.
1938			W. Heathfield	2 miles	W.S.W.	W. Heathfield	2 miles	W.S.W.