

RAINFALL AT Heathfield The White Cottage

Lat. _____ Lon. _____ County of Essex 6
Copper Rain Gauge, by Hicks Observer J. F. High House Esq.

Diameter ...									5		
Height									1 3		
Altitude ...									500		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									2.61	1.02	
February ...									1.24	.38	
March									2.69	3.97	
April									2.25	1.76	
May									1.25	1.22	
June									1.25	2.00	
July									3.81	2.71	
August									3.48	3.09	
September ..									1.53	3.24	
October ...									2.01	3.39	
November ..									1.38	1.28	
December ...									4.17	5.51	
TOTALS ...									27.67	34.57	

1908 Heathfield Church 940 yards S. 28° W
 Station 2 Miles W
 House 15 ft to eaves 32 ft E
 Beech tree 40 ft high 60 ft SW
 Wall 8 - - 18 - N

Daily values in bound volume, chaff 44, R. 14.

RAINFALL at Heathfield 2nd White CottageCounty of SussexObserver J. F. Leigh Clarke EsqRiver Basin Cuckmere + C 5Rain Gauge, by J. Hicks
Nº 3Smarden

Diameter ...	5											
Height	1.3											
Altitude ...	500 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.27	1.51	3.09	5.15	1.02	3.60	1.46	1.52	3.37	5.48		
February ...	3.68	1.59	2.72	1.22	3.87	4.77	4.86	1.02	1.09	2.65		
March	1.79	2.86	4.65	2.62	5.81	.71	4.28	1.68	1.11	4.45		
April	1.83	1.75	.15	3.98	1.30	1.83	1.85	1.91	2.63	2.97		
May	2.57	.73	1.25	1.11	.89	3.90	2.00	2.09	1.46	.38		
June	2.49	2.57	3.12	1.26	1.52	1.32	2.48	3.39	1.10	.65		
July	2.22	.25	1.46	3.33	1.95	4.76	.87	3.89	4.40	1.93		
August	2.12	.78	8.25	1.51	1.11	1.80	3.48	6.70	1.54	3.82		
September ..	.21	1.66	3.13	1.90	1.24	2.73	1.73	1.54	5.84	.94		
October ...	3.73	6.78	4.29	5.47	2.70	3.31	5.67	4.83	3.46	.66		
November ...	5.68	6.73	2.68	4.76	4.51	3.51	4.34	2.03	2.36	3.81		
December ...	3.89	7.56	4.23	1.48	8.95	8.27	4.38	2.45	2.79	5.03		
TOTALS ...	33.48	34.77	39.02	33.79	34.87	40.51	37.40	33.05	31.65	32.77		
	2	2	2	2	2	2	2	2	2	2		

Horne 15 ft high 32 ft E
 Beach T 43 - - 60. SW
 Wall 5 - - 18 - N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
9/10	56° 58' 55"	0.17 E	Heathfield	2400 yds	N 79° W	Heathfield	240 yds	S 37° W

RAINFALL at Heathfield The White CottageCounty of SussexObserver J. F. Leigh Clare Esq.River Basin Cuckmere & C. 5Shouder Rain Gauge, by No. 3

Diameter ...	5"										
Height	10										
Altitude ...	500										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	3.70	2.88	4.54	1.48	2.66	3.44	3.90	2.39	4.90	1.21	3.86
February ...	67	79	2.49	4.23	.89	3.48	2.68	3.65	1.54	.86	1.81
March	2.34	2.00	2.16	2.24	1.68	1.23	.47	3.98	2.13	.00	1.64
April	3.22	1.43	3.11	2.93	3.04	3.13	3.48	1.96	2.95	.96	2.10
May	1.50	1.82	.59	4.16	4.26	2.92	2.97	.71	1.66	1.97	3.01
June	1.50	.03	1.81	.50	1.89	.19	3.93	6.22	3.08	1.43	1.18
July	5.03	.30	2.56	2.79	3.63	4.54	2.69	2.93	1.52	1.75	2.56
August	1.48	.85	3.13	1.96	5.04	2.28	2.14	4.81	1.40	2.37	3.58
September...	3.51	.57	2.54	3.02	2.80	2.87	.66	4.95	.44	1.39	3.34
October	1.90	.98	1.50	6.62	5.73	4.40	2.64	2.51	7.43	.12	1.89
November...	1.75	1.80	1.62	2.22	3.83	3.66	7.10	3.70	3.99	8.31	5.49
December...	3.48	2.63	3.55	3.46	3.95	4.42	.65	4.92	3.47	6.34	3.06
TOTALS...	30.08	16.08	29.90	35.61	39.45	36.56	33.61	42.73	34.54	30.71	33.52
	D	D	D	D	D	D	D	D	D	D	D

1920. House 15' across 32' E
 Bush Tree 38' high 60' S W
 Wall 8' - 18' N.
 " 4' - 4' S.
 25

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	50° 57' 55"	0° 17'	Heathfield	2460 yds	W 10° N	Heathfield	900 yds	S 37° W

RAINFALL at Heathfield (The White Cottage)County of SussexObserver J. F. Leigh Clark Esq.River Basin Cuckmere & C. S.Type of Gauge SnowdonAnnual Average * in. based on 36 years obs. un-weighted. Period of average Ref

552011/36

Diameter	5										
Height	10										
Altitude	500										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.41	3.10	2.21	3.06	1.12	4.77	6.12	4.25			
February	2.25	.35	2.36	.16	4.33	2.37	5.22	.85			
March	.53	1.53	2.58	3.12	.74	1.54	4.59	.67	Station numbered 558/3 owing to revision of wind dir. lines 4/39.		
April	3.68	2.58	1.21	2.32	3.57	2.25	3.05	.57			
May	2.31	2.75	1.36	.57	2.03	.40	2.27	3.01			
June	1.51	1.46	1.88	1.24	1.95	2.73	2.00	.67			
July	3.30	4.27	2.47	1.82	.11	3.54	1.00	2.60			
August	4.49	.59	1.23	2.29	4.51	.83	1.51	1.84			
September	1.82	2.76	4.13	1.61	4.97	2.13	1.92	3.52			
October	.72	7.53	1.89	1.74	4.24	1.62	3.95	4.16			
November	4.79	1.65	1.45	4.11	8.34	4.98	1.42	3.43			
December	.97	.72	1.18	9.46	4.69	2.58	3.96	4.22			
TOTALS	28.78	29.29	23.96	31.50	40.60	24.44	37.01	29.69			

1931. Tree : : : 40' high. 60' low.
 Wall : : : 8' " 18' " X.
 Eave of House 15' " 35' " E.

* average computed x/36 using period 1910-35 rejected as 3" low. (ref. Survey.)

1938. Record printed in Div. 6.

* See 1 in map no 134.

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	Parish Church.	Distance from gauge	Direction
1931.			Heathfield	2460 yds.	W.	Heathfield	1000 yds.	S. 38° W.

RAINFALL at HEATHFIELD (THE WHITE COTTAGE)

County of SUSSEX

Observer J. F. Leigh Clare Esq.

River Basin Rother-G

Type of Gauge No. 2. Standard

Annual Average in. based on years obs. un-weighted. Period of average Ref.

552011/36

Diameter								5"			
Height								1'			
Altitude								500'			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January								4.25	6.29	2.81	36.14
February								.85	1.49	2.95	22.33
March								.67	1.82	3.17	20.29
April								.57	3.14	1.65	24.02
May								3.01	1.23	1.64	17.57
June								.57	1.39	.34	15.07
July								2.60	2.71	3.19	25.01
August								1.84	1.98	.03	19.30
September								3.52	.75	2.07	25.68
October								4.16	6.94	3.89	36.68
November								3.43	6.76	7.04	43.97
December								4.22	1.46	2.51	31.75
TOTALS								29.69	35.96	31.29	317.81

Station previously numbered 552
- altered owing to revision of
river division lines - 4/39.

+ Average computed 8/36 using period 1910-35 rejected as 3" low. (ref Survey.)

Inspected 21.6.39. Wall 7' high 25' N.
House 15' high 32' E.
Wall 4' high 25' S.
Copper head 40' high 60' SW.

* Station replaced in river division 5 - 1941 onwards

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map. 134 Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1931			Heathfield	246 yds	S W.	Heathfield	100 yds	S 38° W.

Station No. 552 M. 41**RAINFALL** at Heathfield (The White Cottage)County of Sussex Observer T. F. Haigh, Clare Reg.River Basin North Downs - Cuckmere R. S.Type of Gauge M. & Z. SnowdonAnnual Average in. based on years obs. un-weighted. Period of average Ref. File No. 552011/36

Diameter	5"											
Height	1'											
Altitude	500'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	5.04	2.90										
February	3.88	.71										
March	2.72	3.72										
April	1.68											
May	2.13											
June	1.87											
July	3.02											
August	5.20											
September	.80											
October	1.48											
November	3.99											
December	1.94											
TOTALS	33.75	in										

Old gauge (S.No. 552) set up on site formerly occupied by loan gauge (S.No. 5524) on 1.12.42
552 552/1

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch SeriesNo. of Map Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.

BRITISH RAINFALL ORGANIZATION

Station No. **55211****RAINFALL** at **Heathfield (The White Cottage) new gauge** ✓ **41**County of **Sussex**Observer **J. Leigh** **died 10.3.45**River Basin **Adur & Arun** *** 5**Type of Gauge **Standard** **M.S.**Annual Average ⁱⁿ based on years obs. un-weighted. Period of average Ref.File No. **55211/3b**

Diameter	5"										
Height	10"										
Altitude	500										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	5.07	3.19	6.81								
February	4.23	83	2.07								
March	3.02	3.98	4.2								
April	1.77	1.33	(2.00)								
May	2.25	3.31	2.67								
June	1.81	1.7	1.85								
July	3.22	2.56	2.38								
August	5.85	2.84	1.94								
September	.79	2.46	1.71								
October	1.50	3.79	3.32								
November	3.83	1.95	2.58								
December	2.82	3.92	2.69								
TOTALS	36.16	30.32	30.44								

new gauge, on loan from us returned in April, 1942. old gauge moved to new site 1st April, 1942.
 1943 April est'd from prev. obs.

* Obs. 29.5 rejected as 3" low ref. S. Gauge at new site gives satisfactory record (1940-42)

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.

BRITISH RAINFALL ORGANIZATION