

## RAINFALL AT Heathfield The White Cottage

Lat.

Lon.

County of

Essex 6

Copper

Rain Gauge, by

Observer

J. F. Leigh Flare 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	8.39	
November ..									1.38	1.28	
December...									4.17	5.51	
TOTALS ...									27.67	34.57	

1908 Heathfield Church 940 yards  $528^{\circ} 65$ Station 2 miles  $W$ 

House 15 ft. to eaves 32 f.E

Beech tree 40 ft. high 60 - 5 W

Wall 8 - " 18 - N

Daily values in liquid volume, shelf 04, R. 14.

RAINFALL at Heathfield The White CottageCounty of SussexObserver J. F. Leigh-CareyRiver Basin Cuckmere & C 5Rain Gauge, by J. Hicks  
No 3

Snowdrift

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	3.87	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	
	7	7	7	7	7	7	7	7	7	7	

Home 15 ft high 32 yds E  
 Beach T 40 - - 60. SW  
 Wall 5 - - 18 " N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
910	50° 58' 35" 50° 57' 55" N	0° 17' E	Heathfield	2000 yds 2400 yds	W N 79° 55'	Heathfield	700 yds 840 yds	S 37° W S 28° W

RAINFALL at Heathfield The White CottageCounty of Sussex Observer J. A. Leigh-Clare EsqRiver Basin Cuckmere &c cSnowdon Rain Gauge, by N. S. J.

Diameter ...	5"										
Height .....	1	0									
Altitude ...	500										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<sup>1930</sup> MARCH
January ...	3.70	2.88	4.54	1.48	2.66	3.14	3.90	2.39	4.90	1.21	3.86
February ...	67	79	249	4.23	3.89	3.48	2.69	3.65	1.57	86	1.81
March .....	2.34	2.00	2.16	2.24	1.68	1.23	4.47	3.98	2.13	0.00	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	2.86	2.79	3.68	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	2.87	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	8.73	4.40	2.64	2.51	1.43	0.12	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	3.53	3.46	3.95	4.14	.65	4.92	3.47	6.84	3.06
TOTALS...	30.08	16.08	29.90	35.61	39.45	36.56	39.61	42.73	34.54	30.71	33.52

1920. House 15' 6" x 32' 12"

Bench Yards 40' high 60° S W

Wall 8' " 18' N.

" 4' " 14' S.

25

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series }

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" N	0° 17' E	Heathfield	2460 yds	W 10° N	Heathfield	900 yds	S 37° W

## RAINFALL at Heathfield (The White Cottages)

County of Sussex

Observer J. F. Leigh Clark Esq.

River Basin Cuckmere &amp;c 5

Type of Gauge Standard

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

Ref.

552011/36

Diameter	5	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	10											
Altitude	500											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January		2.41	3.10	2.21	3.06	1.12	4.77	6.12	4.25			
February		2.26	3.5	2.36	1.16	4.33	2.37	5.22	4.85			
March		1.53	1.53	2.58	3.12	1.74	1.54	4.59	1.67	Station renumbered		
April		3.68	2.58	1.21	2.32	3.57	2.25	3.05	1.51	558/3		
May		2.31	2.75	1.36	1.57	2.03	1.40	2.27	3.01	owing to revision		
June		1.51	1.46	1.88	1.24	1.95	2.73	2.00	1.67	of new obs. levels		
July		3.30	4.27	2.47	1.82	1.11	3.54	1.00	2.60	4/39		
August		4.49	5.9	1.23	2.29	4.51	1.83	1.51	1.84			
September		1.82	2.76	4.13	1.61	4.97	2.13	1.92	3.52			
October		1.72	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		1.97	7.2	1.18	9.46	4.69	2.58	3.96	4.22			
TOTALS		28.76	29.29	23.95	31.50	40.60	24.44	37.01	29.10			

1931. ~~Joe~~ Wall : : : 40' high. 60' due.

wall : : : 8' " 18' N.

base of house : 4' " 25' S.

15' " 32' E.

\* average computed  $\times 1/36$  using period 1910-35 rejected as 3" low. (ref. Survey.)

1938. Record printed in part b.

\* See 1m map no 134.

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
1931.			Heathfield	2460 yds. W.		Heathfield	1000 yds. S. 38° L.

## RAINFALL at HEATHFIELD (THE WHITE COTTAGE)

County of SUSSEX

Observer J.F. Leigh Clare Esq.

River Basin Rother-6

Type of Gauge N.E.Z. 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

+ 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 beech 40' high 60' SW.

\* Station replaced in river division 5 - 1941 onwards  
 Position of Station on reduced Ordnance Survey Map, No. of Map 134  
 1 mile to 1 inch Series

See 5th. Ref. Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1931			Heathfield	2460yds	W.	Heathfield	100yds	53°W.

## RAINFALL at Heatfield. (The White Cottage)

County of SalisburyObserver T. F. Knight, Blaize LogRiver Basin Between the Cuckmere & SType of Gauge M. & Z. Snowdon

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

File No. 552011/36

Diameter	5"											
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	1.94										

Old gauge (S. No. 552) set up on site formerly occupied by long gauge (S. No. 552) on 1.4.42  
552

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 from gauge	Direction	Parish Church.	Distance from gauge

Station No. 55211

RAINFALL at Heathfield (The White Cottage) new gauge. 41

County of Sussex

Observer T. J. Leigh Blame Esq.

died 10.3.45

River Basin Between Catchments 5

Type of Gauge Standard M6

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

File No. 552.011/3b.

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	1.42								
April	1.77	1.33	6.00								
May	2.25	3.31	2.67								
June	1.81	1.7	1.85								
July	3.22	2.55	2.38								
August	5.85	2.84	1.94								
September	1.79	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	D	D	D					

new gauge, on loan from us, returned in April, 1942. old gauge moved to new site 15 April, 1942.  
1943 April test'd from new site.

\* Av. 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, 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.