

## RAINFALL at Shalford Littles

County of Essex

Observer W. F. Hartley

River Basin Blackwater 4

Rain Gauge, by

Diameter ...					5							
Height .....					1.8						1.3	1.8
Altitude ...					260							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...					2.70	1.42	2.87	1.35	1.43	2.30	2.34	742
February ...					.66	1.96	2.85	3.26	.69	.47	2.76	728
March .....					1.69	3.77	1.33	3.68	1.50	.90	2.45	853
April .....					1.76	.81	.64	1.23	1.73	2.61	3.25	882
May .....					2.10	1.83	2.10	2.23	1.12	1.77	.42	554
June.....					1.77	1.49	.52	2.86	.95	.91	1.51	623
July .....					1.79	2.05	3.68	1.07	2.67	4.60	2.43	1067
August.....					.73	.83	2.92	3.62	5.25	.83	1.96	1166
September ..					.95	1.11	1.87	1.44	1.23	3.61	1.00	728
October ...					3.36	1.52	1.71	3.76	3.45	1.88	.78	987
November..					2.83	2.64	2.50	3.82	1.60	2.15	1.86	943
December...					.68	6.03	4.61	2.76	.98	2.25	3.31	930
TOTALS ...					20.97	24.96	27.60	31.18	22.60	24.18	24.07	10203

86 10 am  
1914 Rain gauge 7 ft high 5 yards W

10203

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Rayne	4 m	E	Shalford	2 m	N

## RAINFALL at Chalford, Cire.

County of Gloucester.Observer W. F. Hartley.River Basin Blackwater 24

Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	1 8				1.6			1 0			
Altitude ...	260				250			280			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	2.27	2.17	3.11	1.24	2.49	1.54	2.40	1.21	3.42	1.72	1.81
February ...	4.40	3.30	1.75	3.00	.87	2.32	2.20	3.43	1.20	.48	.50
March .....	1.23	.76	1.73	1.66	.71	1.06	.06	1.96	2.12	.05	1.42
April.....	4.30	1.65	2.60	1.50	2.49	1.66	3.29	2.20	.86	1.71	2.10
May .....	.88	1.06	.81	1.31	3.22	2.34	1.40	.90	1.60	1.34	2.25
June .....	1.01	.23	1.76	.70	2.72	.46	3.69	2.76	2.71	.46	1.12
July .....	3.90	.27	3.08	1.52	3.19	2.93	2.74	2.58	1.97	1.85	2.95
August .....	1.45	1.23	1.97	1.63	2.26	3.37	1.53	3.35	1.96	1.45	2.23
September...	2.59	2.12	2.34	1.86	2.76	2.61	.80	5.03	.77	.80	3.94
October.....	.71	1.64	.78	4.27	3.80	2.80	2.42	1.80	3.13	2.92	1.32
November...	.43	1.59	1.08	2.06	3.06	1.77	3.84	2.63	1.93	4.25	3.66
December...	2.48	1.24	1.77	2.17	2.41	1.81	.55	2.23	2.95	4.19	2.39
TOTALS...	21.65	14.16	22.78	22.92	31.98	24.67	24.92	30.08	24.62	21.22	25.69
	7	0	8	D	D	D	D	D	D	0	D

1925 Idhouse 204ft. high 50ft. W.

1925/6 Rate 27p.

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	51° 55' <sup>19' 21"</sup>	0° 29'	Rayne	4 mi	SE	Chalford	2 mi	N

## RAINFALL at Shalford (Hilles).

County of Essex

Observer W. F. Hart Esq.

River Basin Blackwater - 4

Type of Gauge.

Annual Average in. based on years obs. un-weighted. Period of average. Ref.  
 \* 22.8 in. computed by Mr. Cornish (1938) Ref. 561245/36 821561/28

Diameter	5.										
Height	1.0.										
Altitude	280.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.00	1.88									
February	2.47	1.38									
March	1.22	1.38									
April	3.09	2.22									
May	3.54	4.59									
June	1.72	1.54	#								
July	3.62	2.80									
August	4.33	1.18									
September	1.72	1.49									
October	.84	1.99									
November	2.02	(1.50)									
December	.93	1.49									
TOTALS	26.50	(22.94)	D	3							

1931 Not printed by

1932 Nov. total est. by surrounding stations.

VI 1933 Unable to continue owing to age &amp; infirmities.

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

Station No. 1307

41

## RAINFALL at Shalford (Littles)

County of Essex

Observer W. B. Hart Esq.

River Basin 4 - Blackwater

Type of Gauge Snowdon

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

22.8 in. computed by Mr. Gandy (1938) Ref. 561245/36. File No. E 7690/48.

Diameter			231	357		5'	5"			
Height						1' 5"	1' 5"			
Altitude						262'	262'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 Means
January								3.42	1.27	1.53
February								1.41	1.29	3.29
March								.99	.98	.59
April								1.95	1.38	1.83
May								2.03	2.11	1.58
June								2.10	.85	1.66
July								1.19	2.01	3.59
August								3.92	1.33	1.59
September								1.45	.72	2.83
October							#	.14	1.89	4.83
November								.97	1.65	2.20
December								2.98	1.87	1.72
TOTALS								n.p.m. 23.87	20.69	23.49

1947. House 25' high, 40' W. Holly tree 14' high 18' W. Rose Bush 10' high 12' S.E.  
Plum tree 15' high 21' S.E.

This is the same station which ceased in 1933, owing to infirmity of W. B. Hart's father.

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.	Direction
1947.			Rayne	4 miles	S.	Salting	1 mile	S.W.

Station No. 1307

51

## RAINFALL at Shalford (Littles)

County of Essex

Observer W.B. Hart Esq.

River Basin Blackwater - 4

Type of Gauge Snowdon (Barrel)

Annual Average in. based on years obs. un-weighted. Period of average 1916-58  
 " " 23.96 " 10 " 1946-57 " " 1916-58  
 " " 22.8 in computed by Mr. Cornish (1958) ref. 561245/36 File No. E7690/48

Diameter	5"									5"	
Height	1' 5"									1' 3"	
Altitude	262'									262'	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	1.91	2.13	.95	1.27	2.29	3.33	1.32	2.01	2.10	1.84	
February	4.24	.52	1.29	1.80	1.65	.59	2.23	3.03	.10	1.36	
March	2.63	3.11	.35	1.97	1.16	.72	.91	.91	1.65	1.20	
April	2.80	1.15	2.47	.22	.23	1.26	.21	1.00	2.00	.50	
May	2.27	.68	1.75	2.16	3.48	.56	1.09	2.33	.59	1.43	
June	1.09	1.21	2.62	3.33	2.69	1.90	2.05	4.62	1.00	1.42	
July	.89	.68	3.48	2.60	.24	3.01	2.47	3.21	1.95	3.05	
August	3.03	3.59	1.93	2.85	1.30	4.46	2.43	4.31	.56	2.87	
September	3.88	2.86	1.93	1.24	2.00	2.06	2.32	3.25	.02	3.51	
October	.79	2.56	2.91	1.94	3.69	2.37	2.09	1.90	1.59	5.29	
November	3.80	3.99	1.07	3.35	.63	.58	2.49	1.49	2.39	3.49	
December	1.92	2.32	.69	1.84	1.61	1.96	2.06	2.68	3.92	2.57	
TOTALS	29.25	24.75	21.44	24.47	20.97	22.80	21.73	30.80	17.87	28.53	
	D	D	D	D	D	D	D	D	D	D	

1951 House 25° 15' N 15° 42' W; Holly Tree 14° 6' N 15° 42' W; Rosebush 10° 4' N 15° 42' E; Plum Tree 15° 7' N 15° 42' E;

1954 Gauge moved 6' S. (1.5m) (height & altitude unchanged!) relative distances & directions slightly changed

Infected 22-3-60 by Goliath. Tree 15° 35' E Tree 15° 20' W other trees 25° 60' S W House 25° 60' NW  
Holly and 6° 4' W.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference T4 (52) 71027#3

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Rayne	4W	Saling	1W

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C1913 ✓	✓	1931-33 NR 434 ✓	Cens 47 ✓	Jan '50