

RAINFALL AT Headley The Harrow

Lat.

Lon.

County of

East Sussex

Rain Gauge, by

S. Shanes. Mole.

Observer Mr Lyall

J. C. Bayard Esq

Diameter ..					5						
Height ..					1 3						
Altitude ..					450						
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					4.60	1.29	5.26	.89	1.25	1.26	
February ..					4.04	.78	2.48	1.75	1.23	.84	
March ..					1.75	3.98	1.54	.99	3.30	4.27	
April ..					1.41	1.85	.39	6.03	2.70	2.29	
May ..					2.75	1.02	1.44	1.92	2.15	1.56	
June ..					1.88	5.48	2.55	1.79	1.87	3.93	
July ..					1.17	.97	.46	1.53	4.20	3.64	
August ..					1.86	2.89	.61	2.43	4.04	2.85	
September ..					1.53	2.57	1.79	.58	1.61	4.11	
October ..					2.23	1.53	4.40	5.16	2.30	5.62	
November ..					1.74	5.03	4.92	2.70	.95	.98	
December ..					3.39	.88	1.97	3.92	2.86	4.35	
TOTALS ..					28.30	28.27	27.81	29.69	28.46	35.70	

D R.F. F.T. S.F. S. D

RAINFALL at Headley The Hurst

County of Surrey

Observer F. C. Bayard Esq

River Basin Thames-Mole 5

Mr Lyall

Rain Gauge, by

Diameter ...	5										
Height	1 3										
Altitude ...	450							420			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.49	1.66	3.69	4.30	.89	4.51	1.21	1.39	3.57	4.55	2.826
February ...	4.72	1.72	2.74	.91	4.94	5.66	5.56	1.07	1.35	2.56	3.123
March	1.79	2.43	4.78	3.56	5.37	.74	5.10	1.93	1.16	4.17	3.103
April	2.03	2.32	.04	3.31	.74	1.55	1.09	2.58	3.89	3.01	2.056
May	2.14	2.74	1.53	2.64	1.79	3.05	2.12	1.68	2.16	.16	2.001
June	2.30	2.74	3.46	.56	1.11	1.01	2.29	1.84	.95	1.15	1.741
July	3.40	.75	1.51	3.59	1.94	4.19	1.16	4.99	5.28	2.33	2.914
August	3.36	1.21	6.51	2.76	1.59	2.87	3.41	5.61	1.08	2.66	3.106
September ..	.97	1.20	3.92	2.07	.96	2.46	1.71	1.77	4.83	1.89	2.178
October ...	3.81	4.68	3.34	4.48	1.86	3.20	4.75	3.96	1.75	.84	3.267
November ...	4.38	5.15	2.64	3.37	4.63	3.21	6.09	1.39	2.85	1.92	3.563
December ...	5.47	7.87	3.57	1.09	9.38	6.41	3.36	2.37	2.48	4.78	4.678
TOTALS ...	36.86	34.47	37.73	32.64	35.20	38.86	37.85	30.58	31.35	30.02	34.556
	D	D	D	D	D	D	D	D	D	D	D

1911 Brasher 5m 7ft high 10-20 ft E

129.800

*

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Jedwood Wallington Hill	1 1/2 m	E	Headley	1 m	S

RAINFALL at Headley The Hurst

County of Surrey

Observer: Mrs Lyall

River Basin Thames - Mole 5

J. Parsons (qdr.)

Rain Gauge, by

Total

Diameter ...	5'													
Height	1' 3"													
Altitude ...	420	2450	420											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930			
														Means
32.49	January ...	3.07	2.22	4.14	1.60	2.77	2.36	3.82	2.57	4.12	2.00	4.02	2.95	
23.97	February71	.29	2.65	4.78	.73	4.19	2.70	4.90	1.65	.42	.95	2.18	
19.13	March	2.15	1.62	2.23	2.22	1.27	.90	.33	3.72	2.61	.14	1.94	2.30	1.71
27.34	April.....	3.47	1.16	3.16	2.22	3.88	2.96	3.63	2.24	1.84	.95	1.80	2.49	
21.66	May71	1.78	.86	2.79	3.76	2.21	1.38	1.23	2.24	1.95	2.72	1.97	
20.78	June	1.90	.10	1.38	.37	2.80	.17	4.64	4.36	2.53	1.88	.55	1.83	
32.03	July	4.98	.79	4.60	3.44	3.69	3.49	1.81	3.47	1.80	1.80	2.46	2.91	
28.79	August	1.48	1.89	2.73	2.65	2.76	2.36	1.84	4.41	2.90	1.77	4.00	2.62	
26.19	September...	3.10	1.17	1.81	1.46	3.59	2.92	.82	5.81	1.03	.17	4.31	2.38	
33.20	October.....	1.35	.79	1.20	6.62	4.17	3.39	2.68	1.70	5.90	3.93	1.47	3.02	
39.48	November...	1.99	1.65	1.97	1.92	3.88	3.17	6.69	3.08	2.61	7.55	4.97	3.59	
38.05	December...	2.85	1.52	4.50	2.93	4.77	3.11	.41	5.61	2.43	7.25	2.36	3.46	
34.2.51	TOTALS...	27.76	14.99	31.23	33.00	38.07	31.23	30.75	42.90	32.02	29.01	31.55	31.14	
		7	7	7	7	7	7	7	7	7	7	7	7	

1920 Bushes, 20 ft high, 12 ft 32 S.W. & N.E.

1926 Bushes, Hedge + Border 15 ft high, 12 ft 15 ft. S. & E.

1930. Bushes 15' + 20' 10' 15' 20' 60' distant - surrounding gauge.

G. read in winter 9 a.m.

" " summer 8 B.S.T.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Tadworth	2 mi	E.	Headley	1 mi	S.

RAINFALL at Headley (The Hurst)

County of Surrey..... Observer Mrs. Lyall.....

River Basin Thames - Mole &c. 5

Type of Gauge Howard.

Annual Average 30.6 in. based on 35 years obs. un-weighted. Period of average 1881 - 1915. Ref. T.H.S.

741494/27

Diameter	5	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	1 3											
Altitude	420											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	1.73	3.40	2.38	2.28	1.36	5.88	5.83	2.8L	5.85	2.57	3.414	
February	1.96	1.46	2.47	1.43	3.48	2.28	4.97	1.89	1.78	2.10	2.039	
March	1.45	1.78	3.49	2.70	1.65	1.90	3.18	1.44	1.61	3.80	2.100	
April	4.75	2.70	1.77	3.08	3.49	2.12	3.29	1.23	3.40	2.49	2.662	
May	2.56	4.39	3.35	1.78	1.87	1.46	2.48	2.18	1.50	2.21	2.178	
June	1.66	1.64	1.78	1.75	3.66	3.33	1.91	1.52	2.21	.53	1.899	
July	3.37	2.72	1.90	2.19	1.07	4.84	1.05	2.09	3.13	2.47	2.483	
August	4.48	5.5	9.8	1.93	2.28	1.02	1.52	2.61	2.17	.06	1.760	
September	2.87	2.15	2.96	1.88	4.10	2.71	1.90	2.22	1.46	2.27	2.452	
October	1.66	6.74	2.39	2.23	3.36	2.29	2.97	2.98	6.29	3.21	3.294	
November	3.46	1.53	1.43	3.28	6.81	4.31	2.03	4.20	4.11	8.41	3.967	
December	1.64	1.92	1.68	8.03	4.28	3.14	4.38	4.26	1.53	1.55	2.986	
TOTALS	28.59	28.98	24.40	30.56	36.33	34.28	36.61	25.58	35.04	31.97	312.84	KM

1931. Hedge 12' high, 20' dia. S.

Bushes 10' " 15' " E.

Tree 30' " 30' " N.

1934 Shrub: 12' high 5' 5" 12' high 6' E 8' high 12' N 6' high 20' W

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
1931. 37			Walton-on-Hill Tadworth	2 m. N.E 2 m. E	N.E	Headley	1 m. S.E.	S.E.

RAINFALL at Headley (The Hurst)

County of Surrey.....

Observer Mrs. Drygate

River Basin Thames: Mole &c.s.....

Type of Gauge Howard.....

Annual Average 30.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 1 W.S.

File No. 741494/27

Diameter	5"		285	683							
Height	1' 8"	1	0	1							
Altitude	420'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.70	3.44	6.32	2.06	2.12	2.30	2.24	4.55	1.38	1.03	28.14
February	3.00	.84	1.77	1.21	1.56	3.03	1.87	2.00	1.33	5.13	21.44
March	4.48	2.42	.50	.17	1.49	1.31	5.94	.82	1.26	1.31	19.73
April	2.31	1.85	1.29	1.93	1.32	2.58	1.93	2.14	2.12	4.14	21.61
May	1.98	3.89	2.93	.85	2.22	2.43	1.72	2.31	2.37	1.76	32.46
June	2.85	.15	2.39	2.29	2.37	2.56	2.83	2.84	.99	1.43	20.40
July	4.48	2.61	1.72	2.08	3.97	1.89	1.69	1.80	.53	4.07	24.79
August	4.46	3.27	1.96	2.72	1.95	5.69	.43	4.56	1.61	3.17	29.92
September	.41	2.26	2.53	3.65	2.45	3.50	1.51	2.07	.50	3.12	22.00
October	1.45	3.89	4.13	4.33	3.93	1.51	.30	2.34	7.24	.58	29.70
November	3.76	2.43	1.84	4.34	.26	5.30	1.23	1.78	3.54	6.46	30.94
December	1.25	3.31	2.24	2.88	4.06	3.59	3.05	4.10	1.68	2.45	28.61
TOTALS	33.08	30.46	29.62	28.51	27.70	35.69	24.77	31.31	24.55	34.65	300.34

1941. Shrub 10'-20' high 5°-15°-20° N.S.E.

T. 1956 (Feb)

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
1941			Tadworth	1 3/4 miles	E	Headley	1 mile S

Station No..... 128

RAINFALL at HEADLEY (The Hurst).

51

County of Surrey

Observer Mrs. Edgall

River Basin. 5. Thames Mole &c

Miss P. J. Bryant (VII-53)

Type of Gauge Howard

Annual Average 30.6 in. based on 35 years obs. un-weighted. *Period of average* 1881-1915. *Ref.* 1-22.

Ref. 1.2.5

File No. 741494-27

Diameter	5"		285	683						
Height	1' 0"				1					
Altitude	420'				51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January	3.80	2.36	1.40	1.53	3.50	4.60				
February	7.76	.79	1.53	2.74	2.09	.48				
March	11.05	3.88	.52	2.61	1.64					
April	3.42	1.42	2.69	.35	.32					
May	2.45	1.83	1.78	2.80	4.84					
June	1.12	1.71	1.95	4.06	2.21					
July	2.49	.86	3.39	3.35	1.01					
August	4.19	4.15	1.74	3.40	1.28					
September	2.93	3.19	3.69	2.22	1.92					
October	1.26	3.55	4.27	2.67	3.50					
November	8.15	3.75	1.73	5.88	1.38					
December	2.90	3.13	.74	2.26	3.08					
TOTALS	44.52	30.62	25.46	33.87	26.77					
	D	D	D	D	D	np				

1956 Jan. & Feb. only:

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference (e.g., 100N 100E)

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1941			Tadworth	1 $\frac{3}{4}$ m.	E.	Headley	1 m.	S.

Summary of Earlier Records from 10-year Sheets:

1916-1950, P - Rejected

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓	✓	✓	✓	
	✓ bwd 25.27	✓ bwd 31.32.46	✓ bwd 146		