

RAINFALL at Stockbridge, Houghton Lodge

County of Hampshire

Observer Mr G. Morris F.R.G.S.

Capt L. Wells R.N.

River Basin Test & Solent - 4

new British D. 1915

Copper Howard Rain Gauge, by No 3 1914

funnel	$\left\{ \begin{array}{l} 5.03 \\ 5.05 \\ 5.03 \\ 5.03 \end{array} \right.$	$\left\{ \begin{array}{l} 5.0 \\ 4.0 \\ 3.0 \\ 2.0 \end{array} \right.$	glass	correct
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Diameter ...			5										
Height			1.0										
Altitude ...			190?										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...				4.98	.64	4.33	1.21	1.28	3.74	.77			
February ...				1.14	4.91	6.21	5.76	1.03	1.46	2.59			10.84
March				3.31	5.08	.84	3.16	2.83	1.05	5.73			12.80
April				3.29	1.48	1.09	.71	2.49	2.91	2.06			8.17
May				2.66	1.29	4.12	1.44	2.44	1.87	.39			6.14
June.....				.46	.54	1.19	1.90	4.89	.89	.94			8.62
July				1.68	2.79	5.68	1.42	3.88	5.24	1.34			11.88
August.....				1.28	2.79	1.61	3.34	4.78	1.89	2.99			13.00
September ..				2.87	1.03	2.66	2.03	2.40	4.52	1.98			10.93
October ...				5.55	2.55	4.07	5.79	5.21	2.06	.83			13.89
November..				3.20	4.88	2.39	5.38	.84	2.79	1.75			10.76
December...				1.96	8.66	7.14	4.17	1.49	2.78	6.29			14.73
TOTALS ...				32.38	36.94	41.33	36.31	33.56	31.23	27.66			123.76 40th

1914 g. moved to better position.

+ Inspected Cr. 18.V.14 Not very well made gauge (Howard) low good site by side of path in between gns. Will try to get Standard (V.14)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919.			Stockbridge	2 mi	N.	Houghton	1/4 mi	S.

RAINFALL at Stockbridge Houghton Lodge

County of Hampshire

Observer M. G. Morris^{garden} toSir L. WellerRiver Basin Test & SolentCopper Howard Rain Gauge, by N.Z.
Snowdon (1926)

Diameter ...	5"									5"										
Height	1	0								1										
Altitude ...	190		291	112						112										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930									
January ...	3.79	3.05	4.80	1.99	3.51	3.57	5.24	2.45	6.08	1.48	4.38									
February88	.31	3.46	5.59	.38	4.61	1.93	4.67	2.33	.86	1.02									
March	2.73	1.18	2.62	1.71	1.29	.39	.66	3.60	3.12	.06	1.09									
April.....	3.71	.94	4.19	3.94	3.34	3.04	3.32	1.88	1.89	.86	2.47									
May94	1.70	.87	1.83	3.66	3.81	1.77	.39	1.71	1.45	1.44									
June	2.47	.12	1.06	.34	2.39	.00	2.59	2.67	2.64	1.42	.98									
July	5.39	.73	5.03	.83	4.22	3.21	1.64	3.58	1.54	1.47	2.20									
August	1.61	1.31	3.21	2.45	2.64	2.50	1.19	3.91	2.06	.96	3.50									
September...	1.11	1.07	1.85	1.97	3.74	3.48	1.11	5.30	1.42	.30	3.24									
October.....	2.66	1.21	1.62	6.30	4.90	3.83	2.59	1.91	6.61	4.56	1.73									
November...	2.02	2.20	1.65	2.01	3.14	2.65	9.34	3.55	2.59	9.04	5.07									
December...	2.83	1.78	4.05	3.46	6.20	4.23	.35	3.54	3.04	7.49	3.50									
TOTALS...	30.14	15.60	34.41	32.42	39.41	35.32	31.76	37.45	35.33	29.94	30.62									

Totals:

40.37

26.04

18.45

29.58

17.57

16.68

29.84

25.34

24.89

37.91

43.26

40.47

352.40

42.22

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Stockbridge	2 mi	N	Houghton	600 yds	S.W.

RAINFALL at Stockbridge (Houghton Levington)

County of Hampshire Observer Mr G. Morris

River Basin Test and Solent 4

Type of Gauge.....

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

5875/30.

Diameter	5	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total Means
Height	10											
Altitude	115											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	2.13	3.35	2.31	2.86	1.54	5.29	5.97	3.39	5.35	2.63	3.382	
February	2.22	1.7	4.41	0.08	3.90	2.73	5.80	7.71	1.76	3.38	2.516	
March	1.50	1.74	3.84	3.68	1.69	2.50	4.02	1.19	1.00	2.58	2.074	
April	3.27	3.35	1.30	1.99	3.92	2.06	2.30	0.00	2.32	1.22	2.173	
May	3.10	4.97	1.47	1.86	1.16	0.50	3.89	1.91	0.89	1.14	1.889	
June	2.84	1.86	3.87	1.34	4.71	2.79	1.23	1.70	2.11	1.35	2.180	
July	3.25	2.93	2.94	1.27	1.27	3.63	1.00	2.26	6.09	3.35	2.729	
August	4.15	1.01	0.63	2.83	2.35	0.57	1.57	1.92	1.80	-	1.623	
September	2.63	4.14	3.44	1.90	4.60	3.24	2.14	1.58	1.03	2.03	2.673	
October	1.73	5.15	2.16	1.58	5.95	1.89	4.71	3.69	5.00	4.05	3.491	
November	3.79	2.00	0.76	1.98	6.98	2.88	1.47	4.57	6.37	8.16	3.896	
December	1.88	1.43	0.52	9.89	4.22	3.80	4.36	4.80	1.94	1.99	3.383	
TOTALS	29.49	32.10	27.05	30.26	40.29	31.78	38.46	25.72	35.66	29.88	32.069	

F.W.B.
1966Position 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
1931			Stockbridge	1 $\frac{3}{4}$ m. N.		Houghton	1 $\frac{1}{4}$ m. S.

Station No. 658

RAINFALL at Stockbridge (Houghton Lodge)

41

County of Hampshire

Observer Mr. G. Morris

River Basin Test & Solent H.

Col. R.C.O. PARKER, O.B.E., F.R.S. (1918)

Type of Gauge

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

Ref.

" " 30.5 in computed by hystomish (1886) Ref. 561745/36 File No. 5875 30.

Diameter	5"			329	084						
Height	1' 0"					1					
Altitude	112					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.41	3.16	5.99	2.80	2.13	2.96	2.50	6.35	.98	.29	Total 30.57
February	2.79	.40	1.65	.51	2.41	2.37	1.51	1.49	1.60	5.20	19.93
March	3.97	2.14	.50	.27	.78	1.08	6.15	.92	1.32	1.49	18.62
April	1.97	2.08	.91	1.65	.98	2.14	2.49	1.61	2.04	2.54	18.41
May	1.76	3.96	3.48	.08	1.95	3.10	1.38	3.41	2.01	1.59	22.72
June	1.14	.17	1.13	2.50	3.18	3.06	1.66	1.98	.72	1.07	16.61
July	1.98	1.81	2.14	3.19	1.64	1.16	1.20	.65	1.07	4.11	17.55
August	4.53	4.00	1.47	2.00	1.91	4.29	.81	3.44	1.26	4.23	27.94
September	.28	2.06	1.39	2.09	2.42	6.15	.71	2.78	2.19	3.76	23.83
October	1.43	4.53	4.19	5.31	4.41	1.98	.76	2.12	8.53	1.10	34.36
November	2.84	1.83	1.53	5.43	.34	6.07	1.61	1.72	3.73	5.67	30.77
December	2.15	4.83	2.03	2.84	5.47	3.07	3.28	5.36	1.78	2.27	32.78
TOTALS	28.25	30.97	26.41	29.27	27.62	37.43	24.06	31.53	27.23	33.32	296.07 4491

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.
1941			Stockbridge	1½ m. 1½ m.	N.E. N.N.E.	Houghton	½ mile ¾ m.	S S.S.W.
1942			"			"		

Station No. 658

RAINFALL at STOCKBRIDGE (HOUGHTON LODGE)

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County of HAMPSHIRE

Observer Col. R.C.Q. PARKER, O.B.E. (G.D.)

River Basin Test & SOLENT - A

Mrs. Parker.

Type of Gauge. B.A.

Annual Average in. based on years obs. un-weighted. Period of average Ref.
 " 30.6 - computed by Mr. Cottrell 1926, Ref. 661245/36 1916-1950 P
 " 31.37 - based on 35 yrs, 1916-1950 File No. 6875/30

Diameter	5'					329	084				
Height	1' 0"						1				
Altitude	112'						51				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.93	2.48	.82	1.92	3.14	4.74	2.45	3.54	3.98	4.57	30.57
February	6.58	6.0	1.42	2.46	1.62	.19	3.59	2.62	.20	2.60	22.18
March	3.89	3.08	.69	2.85	1.06	1.23	2.03	1.68	3.78	2.04	22.33
April	2.78	1.87	2.79	.26	.52	1.96	.18	.71	3.79	1.18	16.04
May	3.06	3.13	2.16	2.21	4.41	.76	1.71	2.28	.80	1.38	21.90
June	.72	1.22	1.45	3.20	2.82	2.07	1.99	3.24	.88	3.60	21.19
July	1.99	.46	3.24	2.92	.40	2.68	4.15	1.61	1.53	3.66	22.64
August	4.87	4.50	1.79	3.64	.24	5.49	3.16	4.05	2.31	3.49	33.54
September	4.29	2.94	2.10	3.07	1.57	4.25	2.94	4.61	.06	4.92	30.75
October	.74	4.21	3.94	2.83	3.14	2.60	2.74	3.97	3.18	9.94	37.29
November	8.37	2.78	1.72	6.25	2.61	.80	2.55	2.55	4.48	4.52	36.63
December	2.82	2.79	.83	3.03	4.21	5.42	3.19	3.28	7.48	4.70	37.75
TOTALS	43.04	30.06	23.25	34.64	25.74	32.19	30.68	34.14	32.47	46.60	332.81
	D	D	D	D	D	D	D	D	D	P	

1951. Building 10' high 10yds. Wall 17' high 2 yds N.

Inferred 1950 by Hobblator satisfactory site. B.A gauge but deeper funnel than usual.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 84(4)34432

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1951			Stockbridge	5750 yds	NNE.	Houghton	650 yds S.W.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		c 1913	✓	✓	✓	✓
		✓	✓ bnd 25	✓ bnd 40	✓ bnd 42-45	