

RAINFALL at The Needles Golf ClubCounty of HantsObserver A. H. NewhamRiver Basin 2 of W 1Mrs G. E. Newham (1923)M.O. Rain Gauge, by

Diameter ...			5				5				
Height			1 0			4.0	1 0				
Altitude ...			300	350			300	300			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean
January ...			4.81	1.32	2.80	4.73	3.58	1.81	5.22	1.45	4.48
February ...			2.25	4.93	.30	3.67	2.00	3.35	1.77	1.08	1.77
March			2.58	1.67	1.69	.19	.29	2.60	2.68	.18	1.27
April			2.92	3.62	2.45	2.69	2.24	1.48	2.25	1.05	1.87
May72	2.40	3.55	2.95	1.70	1.02	.90	2.28	2.08
June98	.43	1.96	.00	2.42	2.08	1.94	1.50	1.14
July			3.17	1.34	2.99	3.39	.82	3.19	1.67	1.05	1.66
August			2.32	1.82	2.68	5.47	.49	2.92	2.19	1.61	2.54
September...			1.10	2.79	4.54	2.06	.51	5.90	1.34	.72	2.83
October			1.40	5.48	5.19	3.09	2.40	1.73	5.82	4.44	2.79
November...			1.78	1.33	2.66	2.76	6.27	3.87	2.73	7.40	4.66
December...			4.45	3.01	3.76	2.73	.29	3.76	2.45	6.11	3.75
TOTALS...			28.48 D	30.04 D	34.57 D	33.73 D	23.07 D	33.71 D	30.96 D	28.87 D	29.84 D

1925. Gauge stands in the open.

1927. Dno. Obs. states height of G. reduced in Jan. this year. See also: 5A
File 757487127Position of Station on reduced Ordnance Survey
Map, 2 miles 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
	50° 41'	1° 33'	Freshwater	2 mi		Tolland Bay		

RAINFALL at The Needles (Golf Club)County of HampshireObserver Mrs. NewnhamRiver Basin Isle of Wight

Type of Gauge.....

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

757.487/27

Diameter	5											
Height	1	0										
Altitude	300		350	350						0.5. 250		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.85	2.55	2.59	2.40	1.22	4.54	5.63	3.43	5.08	3.81	3310	
February	1.67	.10	3.33	.11	3.31	2.95	4.88	.70	1.58	3.48	2211	
March	1.34	1.42	3.29	2.97	.90	2.40	3.51	.50	1.24	3.40	2097	
April	2.48	3.02	1.63	4.98	3.42	1.64	1.97	.00	2.37	1.09	1960	
May	2.85	4.11	1.79	.65	1.10	.57	2.74	1.52	1.07	1.39	1779	
June	2.75	2.20	0.88	1.35	3.09	2.90	.49	.55	1.84	.26	1631	
July	3.40	3.08	1.93	.28	.41	3.34	1.44	2.12	4.32	3.34	2366	
August	2.91	1.25	1.04	2.32	2.96	.20	1.77	1.57	2.72	-	1674	
September	2.09	3.33	2.66	2.39	3.20	2.59	2.71	2.27	1.34	1.55	2413	
October73	6.51	1.57	1.95	3.21	1.16	3.75	3.91	7.06	3.59	3344	
November	4.21	2.20	0.78	3.50	7.00	3.85	2.53	4.82	5.46	8.04	4244	
December87	1.23	1.37	9.31	3.50	2.45	5.60	3.59	1.59	2.46	3203	
TOTALS	27.15	31.06	22.86	29.21	33.32	28.59	37.07	24.98	35.67	32.41	3023	

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 599

RAINFALL at The Needles (half blue)

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County of Hampshire

Observer Mrs. Mawham

River Basin Gale of Wight

Type of Gauge Siphon Sinter 48

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

" 27.5 in. computed by the formula (1936) of 501.527. File No. 757487.27

Diameter	5"				334	120			5'		
Height	1'0"					1			1'5"		
Altitude	350'		250'			41		340'	250'	340'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.31	3.55	5.29	2.18	1.66	2.68	2.94	5.20	.67	1.06	
February	3.12	.78	1.38	.63	2.28	2.44	1.80	1.40	1.09	4.25	
March	3.60	3.10	.74	.26	.93	1.46	6.05	.66	1.40	1.21	
April	1.51	1.24	1.12	1.84	1.27	2.64	1.95	1.17	1.46	1.81	
May	2.01	2.30	2.88	.48	1.77	2.84	1.60	2.53	1.49	1.19	
June	1.10	.71	.54	1.88	2.65	2.90	1.64	1.55	.11	1.54	
July	2.57	2.17	3.17	2.89	1.91	.90	1.03	1.25	.24	3.78	
August	4.24	2.82	1.27	4.09	1.45	3.11	1.05	3.62	1.26	3.54	
September	1.14	2.64	2.32	1.46	1.83	2.85	.86	2.11	2.04	3.26	
October	1.00	3.75	3.49	2.74	2.84	1.17	1.33	1.75	8.10	1.71	
November	2.75	1.06	1.92	5.51	.80	4.24	1.43	2.11	2.82	5.02	
December	1.67	3.04	2.76	2.22	4.65	2.95	2.74	4.51	1.96	2.54	
TOTALS	29.02	27.66	26.88	26.18	24.04	30.18	24.42	27.86	23.64	29.94	

1943 height confirmed by observer

1948. Hedges 10' high, 30' S. & W.

27.5 in. at Needles Siphon.

1950 Low.

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.
1941			Freshwater	2 m.	NE	Tollard Bay	3/4 m.	N.
1946			Freshwater	2 1/2 m.	ENE	Tollard Bay	3/4 m.	N.E.

BRITISH RAINFALL ORGANIZATION

Station No. 519RAINFALL at THE NEEDLES * GOLF CLUB 1956

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County of HAMPSHIREObserver Mrs. G.E. NEXNHAMRiver Basin ISLE OF WIGHT - 1Type of Gauge SNYXDONAnnual Average 27.6 in. based on 27 years obs. un-weighted. Period of average 1929-1956 Ref 5" " 28.88 - based on 27 years within 1927-1956 File No. 252487/27

Diameter ...	5"				334	120					
Height ...	1'0"					1					
Altitude ...	340 250'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.66	1.97	1.20	1.52	3.07	4.99	2.36				
February ...	5.71	.56	1.41	3.64	1.68	.29	4.30				
March ...	4.35	3.24	.41	4.50	1.08	.46	2.22				
April ...	2.23	.89	1.67	.22	.64	1.99	.13				
May ...	2.79	2.39	2.11	1.94	3.67	.50	.93				
June ...	1.33	1.26	1.95	2.46	3.42	2.63	1.38				
July ...	1.89	.81	3.29	3.35	.45	2.99	3.69				
August ...	4.04	3.34	1.57	3.54	1.52	3.36	2.91				
September ...	3.22	5.10	3.48	2.67	1.91	3.11	3.06				
October ...	1.02	4.22	4.33	2.77	2.81	1.31	2.17	*			
November ...	9.13	5.11	2.18	5.97	2.79	.84	3.63				
December ...	2.86	3.69	.96	2.80	5.05	4.32	2.08				
TOTALS ...	42.23	32.58	24.56	35.38	28.09	26.79	28.86				
	D	D	D	d	d	d	d				

1951. Needles 15-20ft.* 1956. September. Adv. vic from Mr. NEXNHAM that Golf Club no longer exists and G. is at a private house.
1952. Adv. to old to continue, moving to quiet house.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

40/32262

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1951			<u>Worthington</u>	<u>2 1/2 ml.</u>	<u>N.E.</u>	<u>Lottland Bay.</u>	<u>3/4 ml.</u>	<u>N.</u>

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		<u>c 1922</u> <u>✓ but d 23.24</u>	<u>✓</u> <u>✓</u>	<u>✓ NP 1950</u> <u>✓</u>	