

## RAINFALL at St. Catherine's Point.

Dipstick

County of Hampshire)

Observer Chief Office Admiralty Signal Station Niton.

River Basin Isle of Wight -

M.O.

Rain Gauge, by

Meteorological Office

Diameter ...													8		8
Height .....														1	6
Altitude ...														150	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929			1930	M.EANS.	Totals. 1920-30
January ...	(4.50)	(3.42)	(4.04)	(1.26)	(2.82)	6.47	4.24	2.40	4.91	1.37			4.50		39.93
February ...	(.51)	(.24)	(2.71)	(4.65)	(.34)	4.44	2.68	3.93	1.96	1.06			1.19		23.71
March .....	(2.11)	(1.06)	(2.37)	(1.74)	(1.62)	.37	.56	3.00	2.56	.19			1.34		16.92
April .....	(2.73)	(1.04)	(3.50)	(3.52)	(2.16)	2.78	3.48	1.80	2.13	1.22			2.80		27.16
May .....	(1.07)	(1.16)	(.67)	(2.85)	(3.03)	3.33	2.28	.86	1.74	3.33			1.76		22.08
June .....	(2.55)	(1.10)	(2.03)	(1.48)	(1.74)	.00	1.88	2.21	2.46	1.34			.76		15.85
July .....	(4.37)	(2.25)	(2.57)	(1.78)	(2.03)	2.97	1.50	2.98	3.02	1.54			2.18		24.19
August .....	(1.25)	(2.36)	(2.81)	(2.16)	(2.84)	4.71	1.10	3.10	2.58	1.74			3.02		27.67
September...	(2.42)	(1.46)	(1.59)	(2.63)	(4.17)	2.48	1.04	6.68	1.13	5.3			2.90		26.03
October.....	(1.97)	(1.08)	(1.09)	(6.93)	(6.19)	3.61	4.06	1.92	8.88	4.94			2.99		43.64
November...	(1.70)	(2.18)	(1.72)	(1.86)	(2.14)	4.05	6.70	4.27	2.94	6.55			4.80		38.91
December...	(2.21)	(2.19)	(3.48)	(3.87)	(4.29)	3.76	4.78	.55	3.97	3.14	5.28		3.73		37.00
TOTALS...	(27.99)	(15.54)	(28.58)	(32.73)	(33.28)	39.99	30.07	37.12	37.45	29.09			31.97		343.87

1929 Tues 20' high 30 yds W.

W.T. Mean 120' " 78 " E.

Naval mean 70' " 30 " E.

Lloyd's - 70' " 25 " E.

Ventnor, Flint Cottage, used, without factor, for 1920-26 inclusive in computing averages.

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

Reference No...

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1930	50° 35' N	1° 17' W	Ventnor	5 m.	E	Niton	1 m.	N

## RAINFALL at St. Catherine's Point (C.P. Station) MWR

County of Hampshire

Observer The Meteorological Office

River Basin Isle of Wight I

The Meteorological Office (M.W.R.)

Type of Gauge

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

Diameter	8	Typ. Sta. No. 333956										
Height	1 8	S2(40) 505757										8
Altitude	150	alt: 46m										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.52	2.91	2.57	2.57	1.37	5.09	6.10	3.69	5.30	3.83	3.695	
February	2.34	0.00	3.35	0.02	3.37	2.73	5.00	1.88	1.39	3.77	2.285	
March	1.18	1.30	2.60	2.54	1.40	2.08	4.10	1.32	1.33	3.46	2.031	
April	3.15	2.85	1.37	2.23	3.05	1.64	2.18	1.04	2.42	.96	1.929	
May	3.88	4.00	2.32	1.29	1.04	3.2	1.50	1.03	1.49	.97	1.784	
June	1.74	1.44	1.29	1.12	2.10	3.04	1.72	1.43	2.04	.29	1.421	
July	3.07	2.72	1.26	.59	.16	3.64	1.70	1.41	2.39	3.31	2.025	
August	2.94	1.07	0.98	1.70	3.60	2.1	1.17	1.23	2.07	—	1.497	
September	2.10	3.35	3.18	2.45	3.79	2.74	2.99	1.65	.88	2.22	2.635	
October	.62	6.97	2.36	1.83	3.82	1.51	2.44	1.39	7.36	3.90	3.520	
November	4.75	2.50	1.09	4.07	7.79	5.43	2.23	2.73	7.67	8.24	4.880	
December	.62	1.31	0.94	8.29	4.59	2.39	5.09	2.96	1.67	2.37	3.083	
TOTALS	28.91	29.92	23.31	29.00	36.08	30.72	35.82	22.76	36.01	33.32	305.05	

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. 590. M.W.R.

## RAINFALL at St. John's Point (big station) ✓

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County of Hampshire.

Observer The Station Officer (M.O.)

River Basin Area of 175000.

Type of Gauge.

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

27.8 in computed by her Carnegie (1936) File No. 26145/16

Diameter	8"			333	958						
Height	8"				3						
Altitude	150'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.61	3.90	5.38	2.09	1.77	2.32	2.28	6.06	.75	1.43	Total 10 30.59
February	2.98	.52	1.21	.82	1.74	2.03	1.22	1.20	.89	5.13	17.74
March	3.13	2.89	1.85	.20	1.02	1.24	6.02	.62	1.66	1.13	18.77
April	1.36	1.35	1.02	1.63	1.53	2.45	1.80	1.42	1.01	1.80	15.37
May	1.98	3.32	2.26	.15	1.70	2.97	1.82	2.81	1.22	1.62	19.85
June	1.07	.93	1.09	1.82	2.61	2.29	1.71	1.38	.22	.96	14.08
July	2.28	2.15	3.15	2.82	3.01	2.70	1.46	.90	.11	1.50	23.08
August	3.43	2.61	.94	2.27	2.09	3.20	.82	3.23	.83	2.43	21.93
September	.62	2.60	1.34	1.63	1.89	2.47	1.40	.91	3.89	3.32	20.09
October	.90	3.41	2.65	3.74	2.82	.93	1.63	2.27	7.21	1.71	26.27
November	2.28	2.97	1.88	4.68	.33	4.14	1.93	1.98	3.60	5.00	28.79
December	1.77	3.77	3.38	2.06	4.77	3.52	3.38	3.87	3.07	2.81	32.40
TOTALS	26.42	30.42	25.15	23.91	25.28	30.38	25.47	26.65	24.46	30.84	268.78
	D	D	D	D	D	D	D	D	D	D	46.6

\* Avg. for 1933-56  
 52(40) 505757 } C.G. Sta. + Sig. Sta. Stns.  
 avg 46.6

Position of Station on reduced Ordnance Survey Map, No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge

Station No. 590

M.W.R.

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## RAINFALL at ST. CATHERINE'S POINT (C.G. STN.)

County of HAMPSHIRE

Observer THE STATION OFFICER, (M.O.)

River Basin ISLE OF WIGHT - 1

TRINITY HOSPITAL (1951) for M.O.

Type of Gauge M.O. (PKL)

Annual Average 27.8 in. based on 3 years obs. un-weighted. Period of average 1891-1915 Ref. A.W.S.  
 " 27.8 = computed by H.H. Cornish (1936) Ref. 061245/36. 1916-1950 P  
 " 29.57 = based on 35 years 1916-1950 File No. M.2874/49

Diameter	5"				333	938						
Height	1' 0"						3					
Altitude	51'						51					
Year	1951	1952	1953	1954	1955		1956	1957	1958	1959	1960	Means - Total
January	3.72	2.20	1.43	1.43	3.71	5.12	2.35	4.48	3.21	4.74	32.39	
February	6.28	.89	1.13	3.37	1.98	.16	3.78	3.02	.27	2.71	23.59	
March	4.35	3.33	.22	3.73	1.04	.31	1.90	1.23	2.04	2.08	20.23	
April	2.07	1.39	1.27	.26	.57	2.02	.27	.56	2.37	1.30	12.08	
May	2.93	2.15	2.25	1.70	3.12	.42	.66	3.00	.95	2.43	19.61	
June	(1.00)	.93	1.37	2.79	3.22	1.93	1.06	3.23	.37	1.24	17.14	
July	1.32	.31	2.29	3.44	.36	2.10	3.89	1.39	2.07	3.60	20.77	
August	3.27	1.81	1.37	2.48	1.58	4.81	2.09	4.52	2.26	5.19	29.38	
September	(3.40)	6.07	2.94	3.10	1.49	3.67	4.20	3.96	.17	5.83	34.83	
October	(1.90)	3.83	2.89	2.83	2.03	1.31	2.29	2.48	3.38	7.43	30.37	
November	7.07	5.97	1.80	5.90	1.72	.96	2.55	3.21	4.34	6.72	40.24	
December	(2.20)	4.07	.99	3.54	5.23	5.37	3.72	4.03	7.46	4.94	41.55	
TOTALS	(395)	n.p.	32.95	19.95	34.57	26.05	28.18	28.76	35.11	28.89	43.21	322.18
			D	D	D	D	D	D	D	D		

8.10.51 Prop. Mr P.O. Hemley. 3m. WSW up. 6/51 to replace RN553 about 1 mile E. Principal impervious good & exposed slopes. Gauge sound, condition good.

Hedge 5°, 36' N

4° 20' W S.E. No slopes near gauge. May be a little overexposed to N. but no other site available.

51. L.P. inc. 3. Light house WSW, 20° off eye level, Cottages N-NW, 10° off eye level. 1956, 57 and 58 records corrected from original records.

1956, 57 and 58 records corrected from original records.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference S2 (40) S4 (75)

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1953			Ventnor	5 m. ENE		

Summary of Earlier Records from 10-year Sheets :

1916-1950, F- accepted

Record D, or d	1910-19	1930-30	1931-40	1941-50	1951-60
	c imp w/4	✓	✓	✓	✓