

Meteorologists Available 24/7

Voyage Summary				Peak		% of Trip		Average Ocean	Tropical Impact and/or	
Departure / Destination	ETD / ETA	Dist (nm)	Trip (hrs)	Winds (kts)	Seas (ft)	Winds	Seas	Current	Advisory within 60nm	
WEST PALM BEACH FL to NEWPORT RI	19/12z 22/11z	1029	71	19	5	0%	0%	1.87 knots	None	
			Favorat	ole Marginal	Unfavorat	ole				

M/Y Sample Yacht

Detailed information regarding your forecast and recommendations is further down on the following pages.

# Synopsis

Good morning and thank you for your call. On the morning of the 17th, we expect a broad ridge axis to extend from N'rn Florida E'ward along/near 30N and this is expected to change little through the 20th

A LOW is expected to develop along the stalled front across Virginia during the 16th and this will only modestly strengthen as it moves E-NE'ward to the south of Cape Sable by the evening of the 17th. The front will briefly lift north to the east of the LOW as the LOW develops during the 16th, then as the LOW shifts east it will move south to stall north of Hatteras during the 17th. The front will then slowly weaken through the 18th

On the morning of the 18th, we expect a relatively strong front across the W'rn Great Lakes SW'ward to West Texas. LOW PRESSURE is expected to develop along the front across the Great lakes during the 18th, with the LOW strengthening as it moves NE'ward to the east of James by am/19th, with the front the extending S-SW'ward into the E'rn Great Lakes and the Ohio Valley. The front then moves off the New England and Mid Atlantic coasts later 19th.

Following the front, ridging is expected to develop and broaden across the Mid Atlantic on the 20th.

Another front is expected to move SE'ward from S'rn Quebec/Ontario am/21sdt across New England and then offshore of New England that night.

#### Conclusions

Conditions are generally expected to remain benign from Florida to South Carolina on/after the 17th with a persistent and relatively broad ridge across the region. Farther north, the pattern is more active with frontal passages. We recommend delaying in West Palm until the morning of the 19th to best time an easing in persistent SW'ly winds/seas approaching/passing Cape Hatteras, with lighter conditions anticipated there later on the 20th compared to if you were to depart sooner. We'll need to monitor your approach into Newport on the 22nd as a front will be moving into the region from the north.



M/Y Sample Yacht

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# Click Images for Larger View. Forecast charts to 15 days provided by REQUEST.



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### WEST PALM BEACH FL to NEWPORT RI FORECAST: (DEPARTURE - 06/19 12z)

Sunrise: 05:26 Sunset: 19:16 (LT)

**Route Recommendation** While long range, at this time we recommend a departure from West Palm Beach the morning of the 19th. We recommend routing via 27-00N/79-54W, 30-45N/79-48W, 33-46N/75-46W (for Gulf Stream assistance), then most direct to Newport. Please see the conclusion for further input.

Forecast Period (Z=GMT, LT=Local Time)	Wind Dir	Wind Spd (knots)	Swell Dir	Seas Height (ft) Swell Height (ft)	Per (sec) Vis (nm)	Sky Conditions / Advisory	Temp (F / C)	Currents (Dir / Knots)			
	E-SE	09-14	NE-E	2-3	4	CLOUDY ISOLATED	83° / 28°	S @ 2.2			
19/08LT TO 28-17N / 79-52W				1-3	13	SHWRS/SQUALLS					
19/18Z / 19/14LT TO 29-55N / 79-49W	E-SE	07-12	NE-E	2/LESS	8	MOSTLY CLOUDY ISOLATED SHWRS/SQUALLS	82° / 28°	S @ 2.2			
				1-3	13						
20/00Z / 19/20LT TO 31-13N / 79-12W	SE-S	09-14	E-SE	2-3	8	CLOUDY	81° / 27°	S @ 2.3			
				1-3	13						
20/06Z / 20/02LT TO 32-16N / 77-47W	S-SW	10-15	E-SE	2-3	8	CLOUDY	81° / 27°	SW @ 2.5			
				2-4	13						
20/12Z / 20/08LT TO 33-19N / 76-22W	SW-W	12-17	E-SE MIXED SW	2-3	4	CLOUDY ISOLATED SHWRS/SQUALLS	82° / 28°	WSW @ 3.3			
				2-4	13						
20/18Z / 20/14LT TO 34-32N / 75-20W	SSW-WSW	14-19	WSW-SSW	3-4	4	MOSTLY CLOUDY ISOLATED SHWRS/SQUALLS	82° / 28°	SW @ 2.4			
				3-5	13						
21/00Z / 20/20LT TO 35-56N / 74-33W	SSW-WSW	10-15	S-SW MIXED NE	2-3	10	PARTLY CLOUDY ISOLATED SHWRS/SQUALLS	79° / 26°	SW @ 4.2			
				2-4	13						
21/06Z / 21/02LT TO 37-05N / 73-54W	SSW-WSW	07-12	NE-E	2/LESS	10	PARTLY CLOUDY ISOLATED SHWRS/SQUALLS	77° / 25°	SW @ 0.9			
				2-4	13						
21/12Z / 21/08LT TO 38-11N / 73-16W	SW-W	06-11	NE-E	2/LESS	9	CLEAR	74° / 23°	NE @ 0.5			
				2-4	13						
21/18Z / 21/14LT TO 39-20N / 72-35W	SW-W	04-09	ENE-ESE	2/LESS	9	CLEAR	73° / 23°	S @ 0.5			
				1-3	13						
22/00Z / 21/20LT TO 40-28N / 71-55W	SW-W	08-13	ENE-ESE	2-3	9	CLOUDY	68° / 20°	WNW @ 0.2			
				1-3	13						
22/06Z / 22/02LT TO 41-29N / 71-19W	VEER W-NW-N	12-17	NNE-ENE <b>MIXED</b> ESE	2-3	4	CLOUDY	63° / 17°	WNW @ 0.2			
				1-3	13						
ARRIVAL 22/11:25Z	NNW-NNE	12-17	N-NE	2-3	3	CLOUDY	63° / 17°	W @ 0.2			
SUN (22) @ 07:25LT				2/LESS	13						
Comments: *Wind/Seas HIGHER in SQUALLS											