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## Commanders Weather Client

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Event: Southernmost Regatta – Key West, FL  
Forecast for: Friday, Jan 24  
Prepared: 0700est Friday Jan 24, 2025

### Summary...

- 1) Another very cool/chilly day with lots of clouds and moderate/stronger N-NW to NW gradient wind
- 2) Cold front extends SW into low pressure just N of the Bahamas, while front extends down into central Bahamas and Cuba
  - a) also trough axis extends toward southern FL
- 3) In between this low and front and high pressure well to WNW into Texas, there will be very cool/chilly N-NW gradient today
  - a) wind lightest and most right during this AM
  - b) wind speeds mainly in the teens, possible near 20 kts at times nearing 1100-1200
  - c) see no major change in wind direction, mainly in 320-350ish range much of time
- 4) NW flow increasing some during the afternoon
- 5) look for stronger wind speeds favoring trending slightly left
  - a) wind mainly in teens to around 20 kts or low 20s for mid-later afternoon and
  - b) if there is any or more sunshine, watch for gusts 25-28 kts, mainly after 1500
- 6) There is an inversion near 3000-3500 ft with W to SW wind and warmer temps aloft and
- 7) below this inversion, wind should be fairly stable, but as inversion weakens or breaks and if any sun, watch for wind more unstable/gusty during the afternoon

### Wind forecasts

Time is EST: wind directions are MAGNETIC/wind speed in kts

Time		Comments
0900	330-350/13-18	
1000	330-350/13-18	
1100	330-350/14-20	
1200	330-350/14-20 g22-24?	
1300	320-340/14-20 g24?	
1400	320-340/14-20 g24	If any or more sun, this favors stronger wind/gusts in the PM
1500	320-340/15-22 g25	
1600	320-340/16-22 g26	
1700	320-340/17-24 g28	

Weather...Mostly cloudy and cool, possible some peaks of sun during the afternoon  
High temps only low 60s  
Seas 2-4 ft choppy from NNW and NW, especially in the PM

Confidence is average

- 1) Due to cool air and warm water temps (Key West 67.6F), there is chance for wind speeds on higher end of ranges
- 2) no major change in direction, max left 310s and max right 350s at times
- 3) Weather models are in good agreement, but
  - a) NAM shows wind lightest and most right side of ranges

Saturday Jan 25

- 1) Cold front extends SW into eastern Bahamas and Cuba, while high pressure builds E into eastern US
- 2) to south of this high, there will be moderates/strong NNE flow
  - a) wind strongest in the AM, mainly 20s and gusts 30 kts early, then
- 3) Wind diminishes and trends slightly right with lightest wind speeds later in day
- 4) Much more sunshine and a little warmer than past days

09: 010-030/ 18-26 g30

11: 010-030/ 17-24 g28

13: 020-040/ 17-24

15: 020-040/ 16-22

17: 020-040/ 14-20

Weather...Partly to mostly sunny, a little warmer

High temps 65-68F

Seas 2-5 ft choppy, roughest in AM

Best regards,  
Chris Wasserback