

Houston Pilots Forecast Package



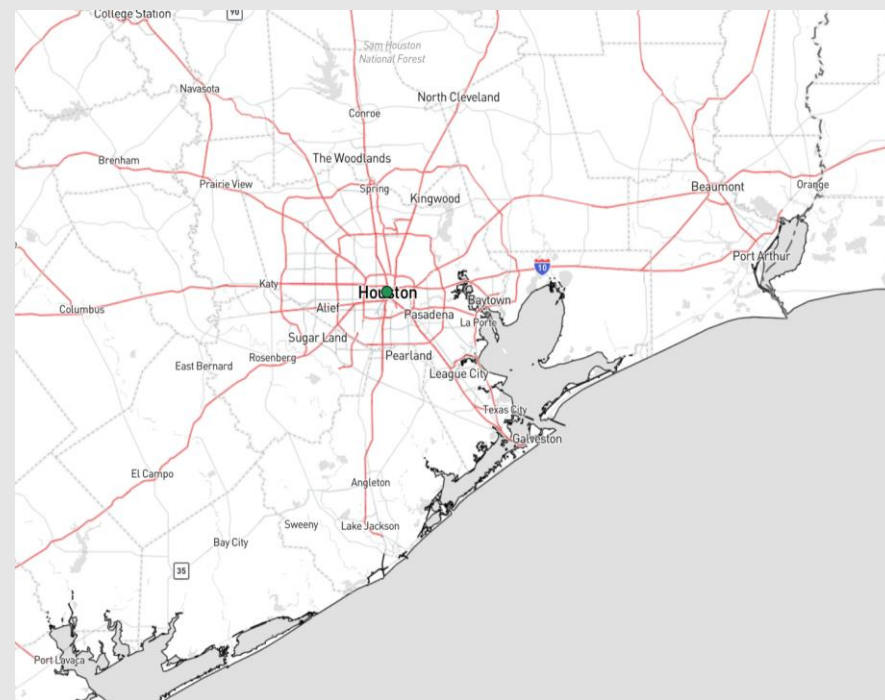
Updated: 1:15 PM CT

Sunday, December 17, 2023

Forecaster: Xander Lowry

Weather Headlines

- Winds will continue to decrease for the remainder of the afternoon. Winds are expected to remain calm over the next couple days
- **Wave heights will continue to decrease further into the afternoon and evening being at or below 3 feet by 6PM-CT**
- Not favoring any visibility issues over the coming days for fog.



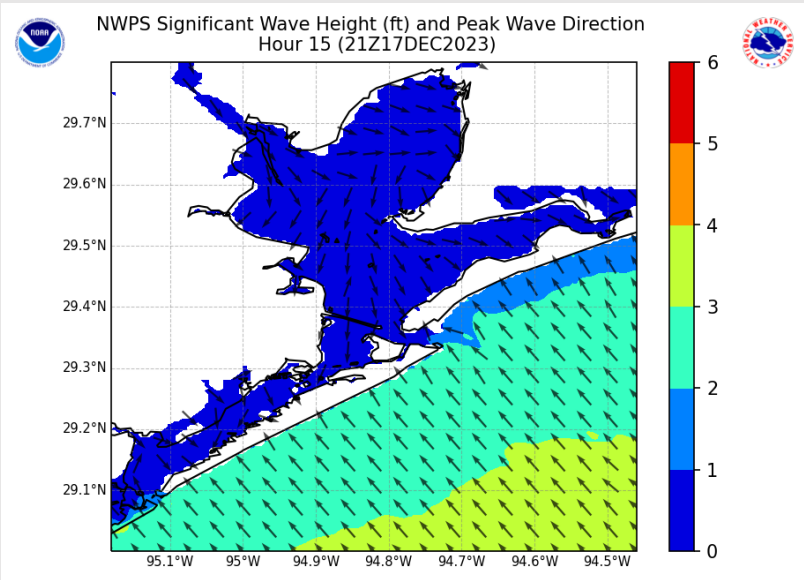
Radar/NWS Alerts: 1:10 PM CT



As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

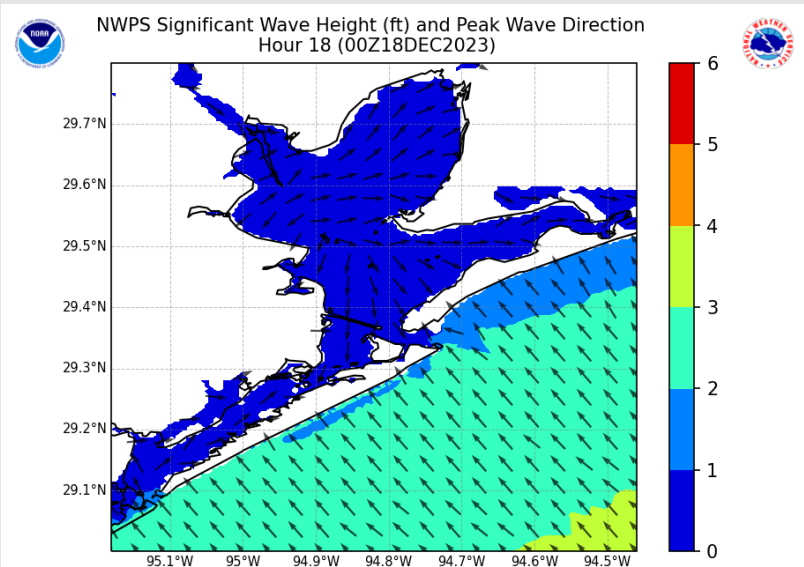
Houston Pilots Wave Height Update

Significant Wave Height Image



3 PM CT SUN

With the gradual decline in wind speeds this morning, wave heights will also diminish. Current heights of 3-4 feet will continue to slowly decrease into the afternoon.



6 PM CT SUN

By 6 PM, calmer waters with wave heights of 3 ft or less can be anticipated into the late afternoon/evening hours.

Houston Pilots Extended Range Visibility Report



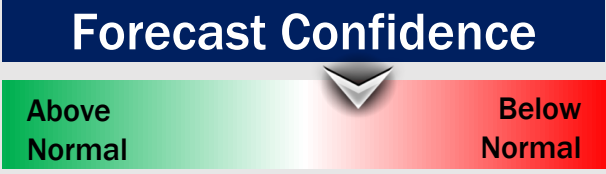
Wednesday 12/20/23

Would at the earliest keep an eye on Wednesday AM for sea fog. There is a stable atmosphere in place, but limited low level moisture is the only hindrance at this time.



Thursday 12/21/23

The same situation as WED– would need to monitor low level saturation, but this day would have a higher chance than Wednesday for sea fog.



Friday 12/22/23

Not anticipating any fog at this time, however will need to keep an eye on timing of front as reduced visibilities may be possible under heavier downpours.



Chance for Fog

Wednesday AM	Low - End
Wednesday PM	Unlikely
Thursday AM	Possible
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
63/64	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
51/52	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
37/38	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25/26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11/12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only

Houston Pilots Wind Chart



Forecast Confidence



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	
610 Bridge	2	3	2	3	4	2	3	3	3	2	3	3	2	3	2	3	2	2	2	3	3	4	5	5	6	6	6	6	7	6	7	6	5	5	4	4	4
Kinder 1	2	3	2	3	4	4	3	3	3	5	5	6	7	8	6	7	4	4	4	5	5	6	8	8	8	9	9	10	10	10	9	9	8	7	7	7	
Greens Bayou	4	3	2	3	4	3	3	2	5	5	6	7	8	6	7	4	4	4	5	5	6	8	8	8	9	9	10	10	9	8	7	7	7	7	6		
Shell Crude	4	4	2	3	4	4	3	3	5	5	6	6	8	7	7	4	4	4	5	5	6	8	8	8	9	9	10	10	9	9	8	7	7	7	7		
Lynchburg Ferries	3	4	3	4	4	4	3	3	4	5	6	6	8	7	7	4	4	4	5	5	6	8	8	8	8	9	9	10	10	9	8	7	7	7	7	6	
Exxon 3	3	4	3	4	5	4	3	3	4	5	6	6	8	7	7	4	4	4	5	6	6	8	8	8	9	9	10	10	9	8	7	7	7	7	7	6	
Morgans Point	1	1	3	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	5	5	6	7	7	7	8	8	8	9	9	10	10	9	8	8	8	8	8
75/76	4	5	4	4	5	4	3	3	4	4	5	5	7	7	7	5	6	6	7	7	8	8	8	9	9	9	10	10	9	9	8	8	8	8	8	8	
63/64	4	5	4	4	4	3	3	3	4	4	5	6	7	6	7	5	6	7	7	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
51/52	5	5	5	5	6	5	3	3	2	3	3	5	5	7	6	7	5	6	6	7	8	8	8	9	9	9	9	9	9	9	9	8	8	8	8	8	8
37/38	5	5	5	6	4	3	3	2	3	3	4	6	6	7	5	5	6	7	7	8	8	8	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8
25/26	5	5	5	6	5	3	3	2	2	2	2	4	4	7	6	7	5	5	6	6	7	8	8	8	9	9	9	9	9	8	8	8	7	7	7	7	7
11/12	5	6	5	6	6	3	3	3	2	2	2	4	3	7	7	8	6	6	7	7	8	8	8	9	9	9	9	9	8	8	8	8	8	8	8	8	8
1 & 2 Bravo	6	6	6	7	7	6	5	5	3	1	2	3	2	5	6	7	7	8	8	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8

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Houston Pilots: Sun. 12/17/2023



Forecast Discussion

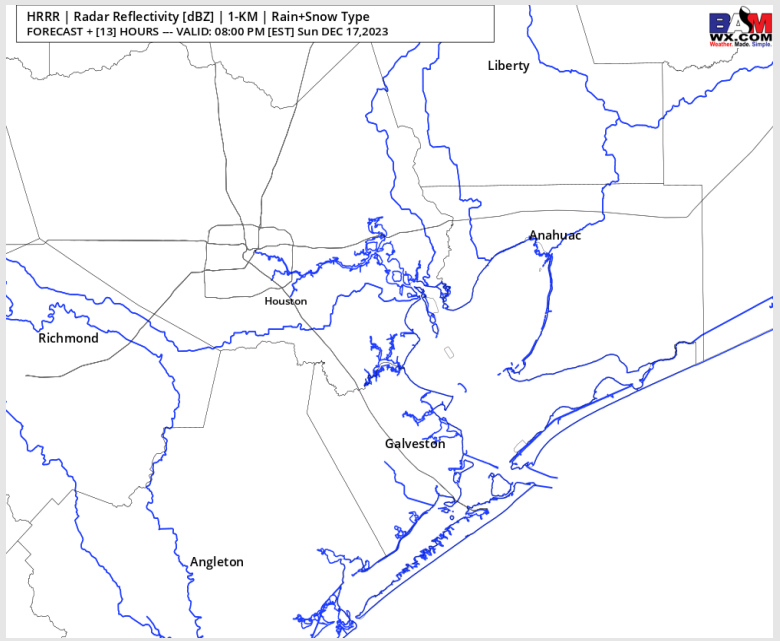
Precip: Dry conditions favored for today.

Wind: Winds will remain variable in direction with favorability from the west before becoming out of the SW by 10 PM. **N of Morgan's Point:** Winds will be 3 -7 kts for the entire day. **S of Morgan's Point:** Winds will remain calm for the remainder of the day at 3 - 8 kts.

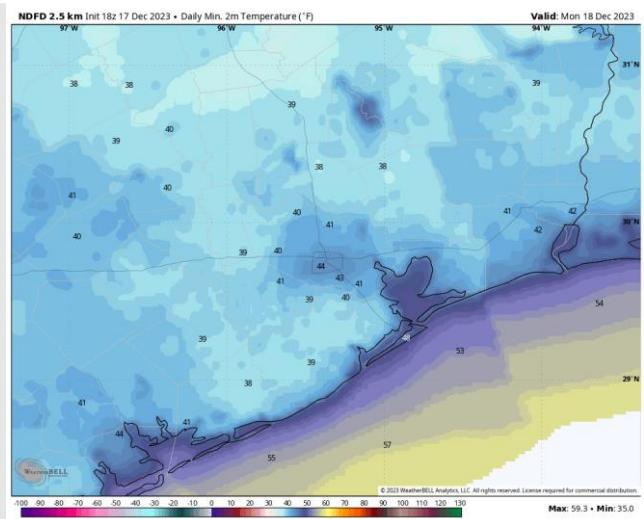
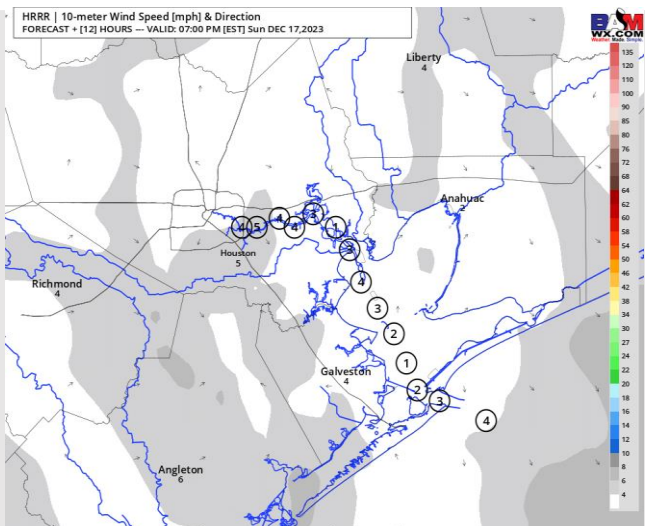
Low Temps: **N of Morgan's Point:** Mid 40s F. **S of Morgan's Point:** mid/high 50s F.

Visibility: Not anticipating any visibility concerns.

Precip Image: 7 PM CT



Wind Speed:
6 PM CT



Low Temps
Monday

Forecast Discussion

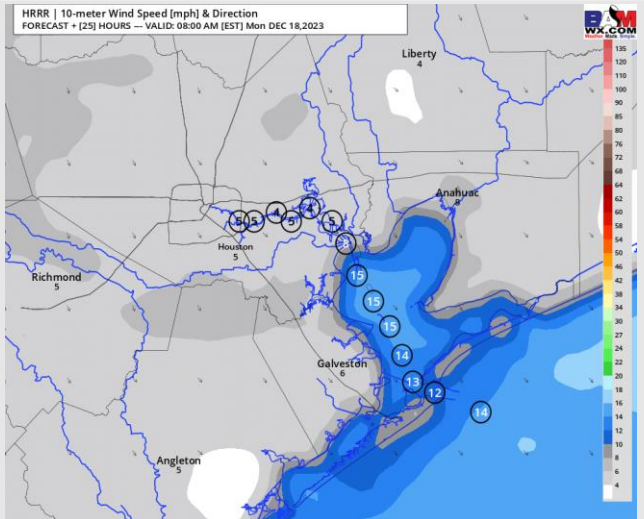
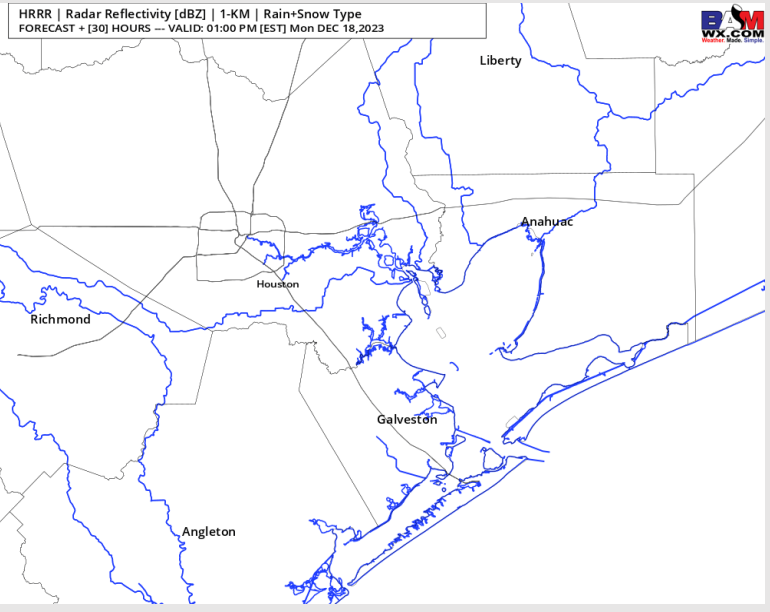
Precip: Dry conditions favored for Monday.

Wind: Winds will be out of the W/SW to start the day before veering to being out of the N/NW by 10 AM. Winds will remain there until being out of the N by 10 PM. **N of Morgan's Point:** 3-8 kts the entire day, aside from an increase to 6-10 kts from 1 PM to 4 PM. **S of Morgan's Point** Winds will briefly be 4 – 8 kts until 3AM before increasing to 7 - 12 kts for the majority of the day, with winds increasing to 9 - 14 kts at the Boarding Station by 9 PM.

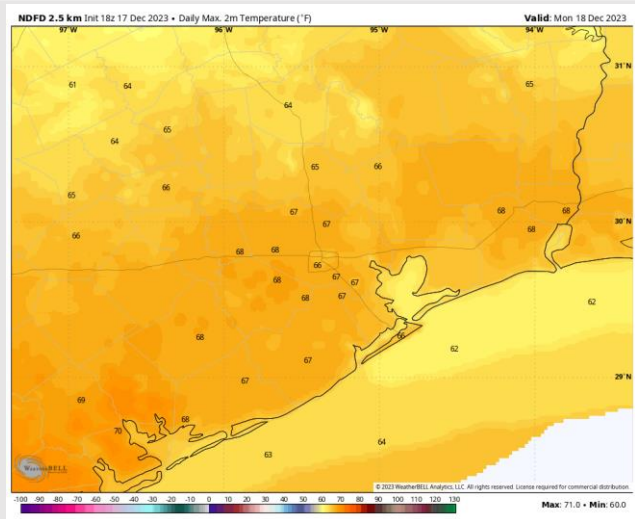
High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Low 60s F.

Visibility: Not favoring any fog concerns at this time.

Precip Image: 12 PM CT



Wind Speed:
7 AM CT



High Temps
Monday

Forecast Discussion

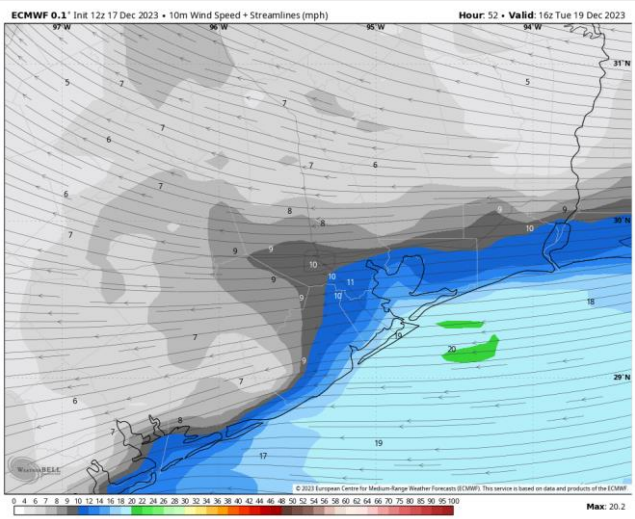
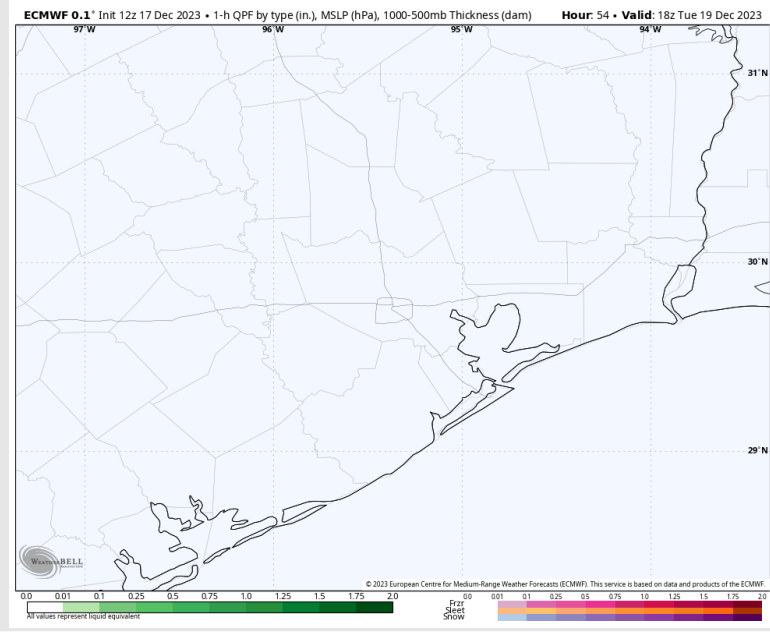
Precip: Dry conditions are favored for Tuesday.

Wind: Winds will slowly veer the entire day. Winds will start out of the N/NE, be out of the E by 10 AM, and out of the SE by 8 PM. **N Morgan's Point:** 6-11 kts the entire day. **S of Morgan's Point:** 10-15 kts the entire day, with a slight increase at Station 11/12 and the Boarding Station of 13-18 kts from 7 AM to 1 PM.

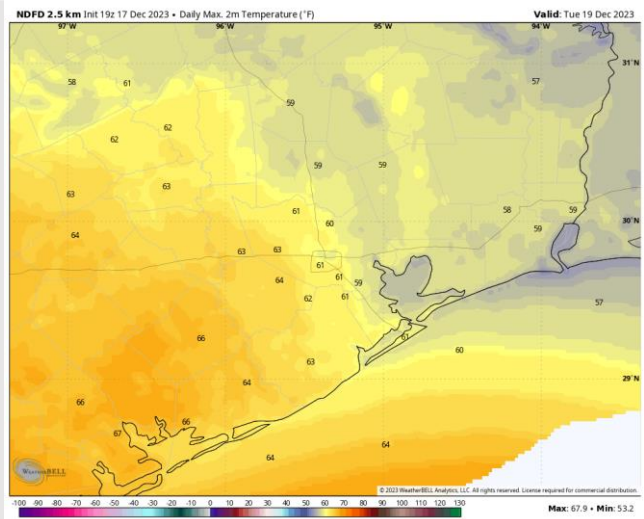
High Temps: **N of Morgan's Point:** low 60s. **S of Morgan's Point:** low 60s F.

Visibility: Not anticipating any visibility concerns

Precip Image: 12 PM CT

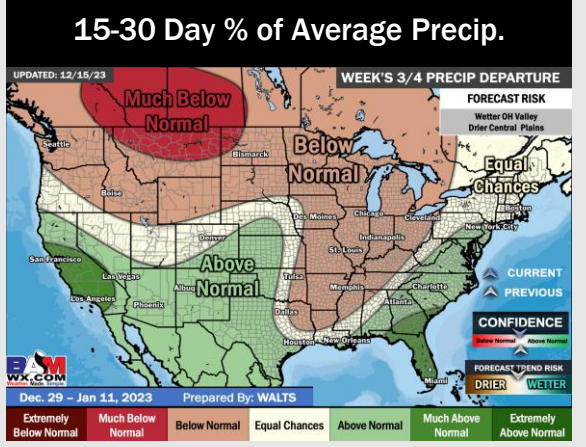
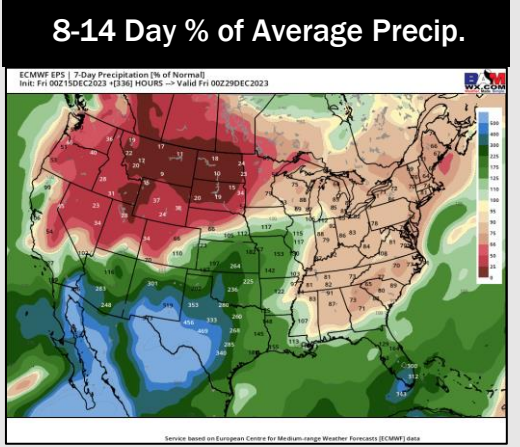
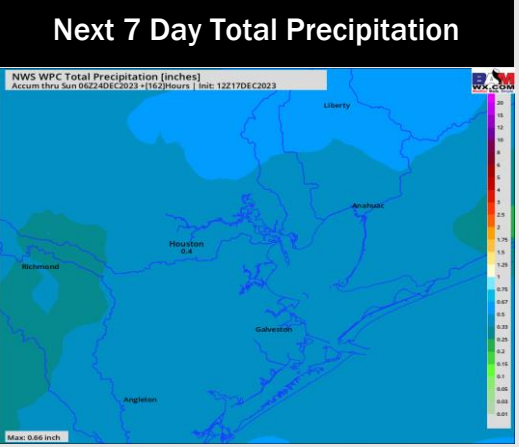
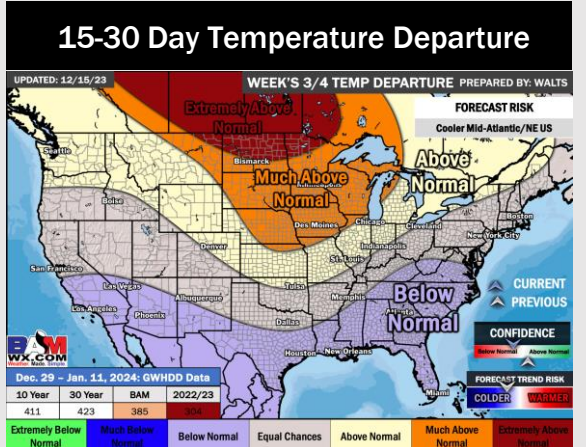
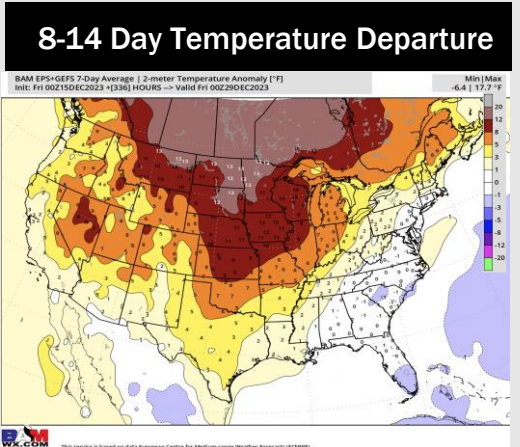
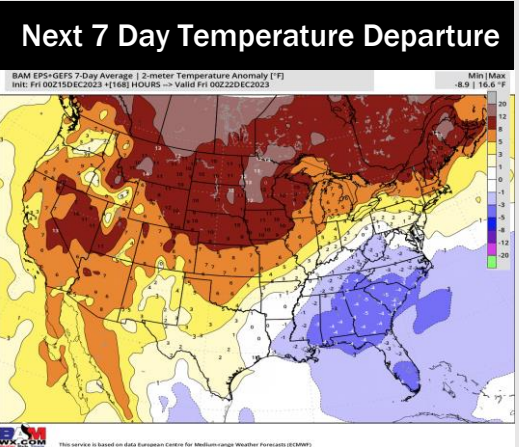


Wind Speed:
10 AM CT



High Temps
Tuesday

Houston Pilots: 12/17/2023



- The next best shot for rain will occur THU/FRI and into the weekend. Seasonable temps are favored this week.
- Above normal precipitation chances and slightly above normal temperatures are expected into the week 2 timeframe.
- Below normal temperatures and slightly above normal chances for precipitation are favored in the weeks ¾ timeframe.