

Houston Pilots Forecast Package



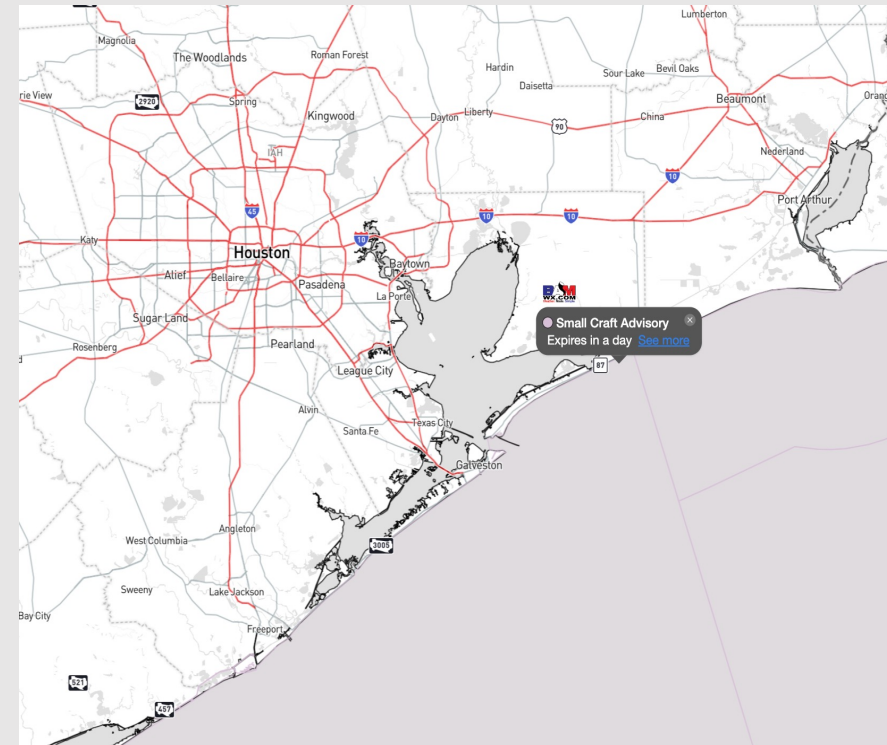
Updated: 1:30 AM CT

Wednesday, December 13, 2023

Forecaster: John Kemper

Weather Headlines

- Winds will continue to increase over the next 24 hours, **with max wave heights increasing to 5 – 7 ft for Boarding Station on Thursday**
- A few localized chances of drizzle / light showers before arrival of heavy rain / storm chances associated with a front Friday Evening.
- Not favoring any visibility issues over the coming days for fog. Low end risk for Friday AM continues to be monitored, but likely remains SW of bay area.



Radar/NWS Alerts: 1:15 AM CT

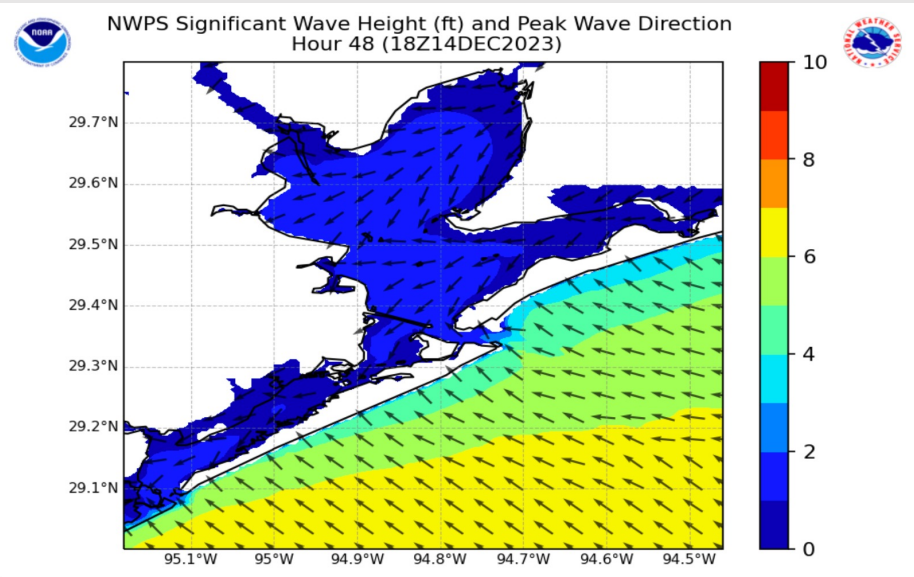


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Wave Height Update

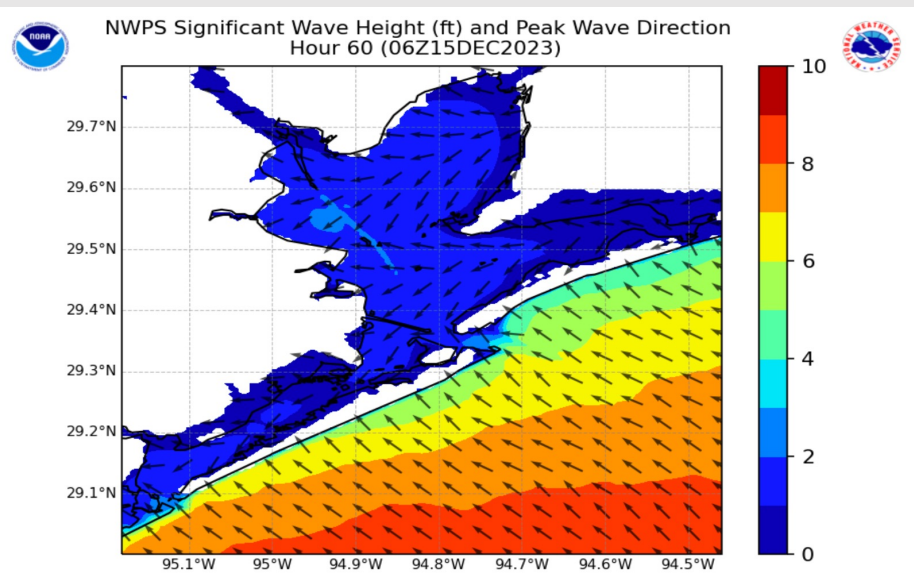


Significant Wave Height Image



12 PM CST
Thursday

The top image shows wave heights around 12 PM CT Thursday afternoon. Winds out of the southeast will increase max wave heights for the Boarding Station to 4 – 5 ft. Anticipating this to gradually increase through the PM



12 AM CST
Friday

The bottom image shows wave heights around 12AM CT Friday. Max wave heights for the Boarding Station and 11/12 will reach 5- 7 ft after ~9PM CT and continue through early Friday morning.

Houston Pilots Extended Range Visibility Report



Saturday 12/16/23

No fog concerns for Saturday, however reduced visibilities under heavier downpours will need to be monitored.



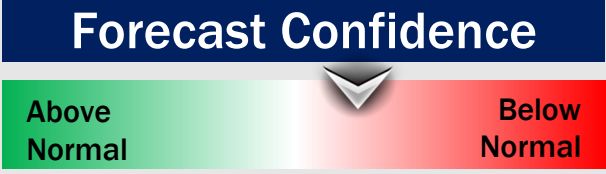
Monday 12/18/23

No fog concerns for Monday at this time.



Sunday 12/17/23

No fog concerns for Sunday at this time.



Chance for Fog

| | |
|-------------|----------|
| Saturday AM | Unlikely |
| Saturday PM | Unlikely |
| Sunday AM | Unlikely |
| Sunday PM | Unlikely |
| Monday AM | Unlikely |
| Monday PM | Unlikely |

Houston Pilots Visibility Chart (miles)



| Time | Wed 12am | Wed 1am | Wed 2am | Wed 3am | Wed 4am | Wed 5am | Wed 6am | Wed 7am | Wed 8am | Wed 9am | Wed 10am | Wed 11am | Wed 12pm | Wed 1pm | Wed 2pm | Wed 3pm | Wed 4pm | Wed 5pm | Wed 6pm | Wed 7pm | Wed 8pm | Wed 9pm | Wed 10pm | Wed 11pm | Thu 12am | Thu 1am | Thu 2am | Thu 3am | Thu 4am | Thu 5am | Thu 6am | Thu 7am | Thu 8am | Thu 9am | Thu 10am | Thu 11am |
|-------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|
| 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 | Wed 12am | Wed 1am | Wed 2am | Wed 3am | Wed 4am | Wed 5am | Wed 6am | Wed 7am | Wed 8am | Wed 9am | Wed 10am | Wed 11am | Wed 12pm | Wed 1pm | Wed 2pm | Wed 3pm | Wed 4pm | Wed 5pm | Wed 6pm | Wed 7pm | Wed 8pm | Wed 9pm | Wed 10pm | Wed 11pm | Thu 12am | Thu 1am | Thu 2am | Thu 3am | Thu 4am | Thu 5am | Thu 6am | Thu 7am | Thu 8am | Thu 9am | Thu 10am | Thu 11am | |
|-------------------|----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| 610 Bridge | 3 8 NE | 4 11 E | 4 12 E | 4 12 E | 5 11 ENE | 5 11 ENE | 6 11 ENE | 5 11 ENE | 6 12 ENE | 7 17 E | 8 18 E | 8 16 E | 8 16 E | 6 13 E | 6 11 E | 7 12 ENE | 8 12 ENE | 8 12 ENE | 7 11 ENE | 8 12 ENE | 8 11 ENE | 8 12 ENE | 8 12 ENE | 8 12 ENE | 8 12 ENE | 8 11 ENE | 7 10 ENE | 7 7 ENE | 7 10 ENE | 7 10 ENE | 7 10 ENE | 7 10 ENE | 7 10 ENE | 8 12 ENE | 8 13 ENE | 9 14 ENE | 9 13 ENE |
| Kinder 1 | 3 8 NE | 4 12 E | 5 13 E | 4 12 E | 5 11 ENE | 5 12 ENE | 6 12 ENE | 5 12 ENE | 6 12 ENE | 7 17 E | 8 18 E | 8 16 E | 8 16 E | 6 13 E | 6 11 E | 7 11 ENE | 8 12 ENE | 8 11 ENE | 7 11 ENE | 8 12 ENE | 8 11 ENE | 8 12 ENE | 8 12 ENE | 8 12 ENE | 8 11 ENE | 7 10 ENE | 7 9 ENE | 7 9 ENE | 7 10 ENE | 7 10 ENE | 7 11 ENE | 7 10 ENE | 8 12 ENE | 8 13 ENE | 9 14 ENE | 9 13 ENE | |
| Greens Bayou | 3 9 ENE | 5 13 E | 5 13 E | 4 12 E | 5 12 ENE | 5 12 ENE | 5 12 ENE | 5 12 ENE | 5 12 ENE | 7 17 E | 8 18 E | 8 16 E | 8 16 E | 7 13 E | 6 11 E | 7 11 ENE | 7 11 ENE | 7 11 ENE | 8 12 ENE | 8 11 ENE | 7 12 ENE | 8 11 ENE | 8 12 ENE | 8 12 ENE | 8 11 ENE | 7 10 ENE | 6 9 ENE | 6 9 ENE | 7 10 ENE | 7 10 ENE | 7 10 ENE | 7 10 ENE | 8 12 ENE | 8 13 ENE | 9 14 ENE | 9 13 ENE | |
| Shell Crude | 3 10 ENE | 5 12 E | 5 12 E | 4 11 E | 5 12 ENE | 5 12 ENE | 5 12 ENE | 5 12 ENE | 5 12 ENE | 7 18 E | 8 18 E | 8 16 E | 8 16 E | 7 13 E | 6 11 E | 8 11 ENE | 8 11 ENE | 8 11 ENE | 8 12 ENE | 8 11 ENE | 7 12 ENE | 8 12 ENE | 8 13 ENE | 8 12 ENE | 8 11 ENE | 7 10 ENE | 6 9 ENE | 6 9 ENE | 7 10 ENE | 7 10 ENE | 7 10 ENE | 8 12 ENE | 8 13 ENE | 9 14 ENE | 9 13 ENE | | |
| Lynchburg Ferries | 4 11 E | 5 13 E | 5 13 E | 4 12 E | 5 12 ENE | 5 12 ENE | 5 12 ENE | 5 12 ENE | 5 12 ENE | 7 18 E | 8 18 E | 8 16 E | 8 15 E | 7 13 E | 6 11 E | 8 11 ENE | 8 11 ENE | 8 11 ENE | 8 12 ENE | 8 11 ENE | 7 12 ENE | 8 12 ENE | 8 13 ENE | 8 12 ENE | 8 11 ENE | 7 10 ENE | 6 9 ENE | 6 9 ENE | 7 10 ENE | 7 10 ENE | 7 10 ENE | 8 12 ENE | 8 13 ENE | 9 14 ENE | 9 13 ENE | | |
| Exxon 3 | 4 11 ENE | 5 12 E | 5 12 E | 5 12 ENE | 5 12 ENE | 5 12 ENE | 5 13 ENE | 5 13 ENE | 5 13 ENE | 7 18 E | 8 18 E | 8 16 E | 8 16 E | 7 13 E | 6 11 E | 8 12 ENE | 8 12 ENE | 8 12 ENE | 8 13 ENE | 8 12 ENE | 7 12 ENE | 8 13 ENE | 8 13 ENE | 8 13 ENE | 8 12 ENE | 7 11 ENE | 6 10 ENE | 6 11 ENE | 7 11 ENE | 7 11 ENE | 7 11 ENE | 8 12 ENE | 8 13 ENE | 9 14 ENE | 9 13 ENE | | |
| Morgans Point | 7 11 E | 7 12 E | 7 12 E | 8 13 E | 8 14 ENE | 8 14 ENE | 8 15 ENE | 8 15 ENE | 8 15 ENE | 9 18 E | 10 17 E | 10 16 E | 9 16 E | 8 14 E | 7 12 E | 9 13 ENE | 10 14 ENE | 9 13 ENE | 9 12 ENE | 10 14 ENE | 10 15 ENE | 11 16 ENE | 11 16 ENE | 11 16 ENE | 11 16 ENE | 10 15 ENE | 10 14 ENE | 10 14 ENE | 10 15 ENE | 10 15 ENE | 10 15 ENE | 11 17 ENE | 11 18 ENE | 12 19 ENE | 11 18 ENE | | |
| 75/76 | 10 13 E | 11 13 E | 10 13 E | 11 13 E | 11 15 E | 12 16 E | 13 16 E | 13 17 E | 14 17 E | 13 19 E | 13 17 E | 12 16 E | 11 15 E | 10 14 E | 8 12 E | 10 13 ENE | 11 14 ENE | 12 15 ENE | 12 15 ENE | 12 15 ENE | 13 16 ENE | 13 16 ENE | 14 17 ENE | 14 17 ENE | 14 17 ENE | 14 16 ENE | 14 15 ENE | 14 15 ENE | 14 16 ENE | 14 16 ENE | 14 16 ENE | 15 17 ENE | 15 18 ENE | 16 19 ENE | 15 18 ENE | | |
| 63/64 | 9 13 ENE | 10 14 E | 10 13 E | 10 13 E | 12 16 E | 14 18 E | 14 18 E | 14 18 E | 14 19 E | 12 18 ENE | 13 19 ENE | 12 17 ENE | 11 15 ENE | 10 14 ENE | 5 12 E | 10 14 ENE | 11 15 ENE | 12 16 ENE | 13 17 ENE | 13 17 ENE | 14 18 ENE | 14 18 ENE | 15 19 ENE | 15 19 ENE | 15 19 ENE | 15 18 ENE | 15 17 ENE | 15 17 ENE | 15 18 ENE | 15 18 ENE | 15 18 ENE | 16 19 ENE | 16 20 ENE | 17 21 ENE | 16 20 ENE | | |
| 51/52 | 9 14 E | 9 14 E | 9 15 E | 9 15 E | 11 17 E | 13 18 E | 13 19 E | 13 19 E | 13 20 E | 11 19 ENE | 11 17 ENE | 11 17 ENE | 10 16 ENE | 9 15 ENE | 8 14 ENE | 10 16 ENE | 11 17 ENE | 12 18 ENE | 12 18 ENE | 12 19 ENE | 13 20 ENE | 13 20 ENE | 14 21 ENE | 14 21 ENE | 14 21 ENE | 14 20 ENE | 14 19 ENE | 14 19 ENE | 14 20 ENE | 14 20 ENE | 14 20 ENE | 15 21 ENE | 15 22 ENE | 16 23 ENE | 15 22 ENE | | |
| 37/38 | 9 17 E | 9 16 E | 10 17 E | 9 17 E | 11 19 E | 12 19 E | 12 20 E | 13 21 E | 12 20 E | 12 19 ENE | 12 17 ENE | 12 17 ENE | 10 16 ENE | 10 15 ENE | 12 17 ENE | 12 18 ENE | 13 19 ENE | 13 20 ENE | 13 20 ENE | 13 21 ENE | 14 22 ENE | 14 22 ENE | 15 23 ENE | 15 23 ENE | 15 23 ENE | 15 22 ENE | 15 21 ENE | 15 21 ENE | 15 22 ENE | 15 22 ENE | 15 22 ENE | 16 23 ENE | 16 24 ENE | 17 25 ENE | 16 24 ENE | | |
| 25/26 | 10 18 E | 9 17 E | 10 18 E | 9 18 E | 11 19 E | 12 20 E | 12 20 E | 13 21 E | 12 20 E | 12 19 ENE | 12 18 ENE | 12 18 ENE | 12 17 ENE | 11 16 ENE | 12 17 ENE | 12 18 ENE | 13 19 ENE | 13 20 ENE | 13 20 ENE | 13 21 ENE | 14 22 ENE | 14 22 ENE | 15 23 ENE | 15 23 ENE | 15 23 ENE | 15 22 ENE | 15 21 ENE | 15 21 ENE | 15 22 ENE | 15 22 ENE | 15 22 ENE | 16 23 ENE | 16 24 ENE | 17 25 ENE | 16 24 ENE | | |
| 11/12 | 11 18 E | 11 17 E | 11 18 E | 11 18 E | 13 20 E | 14 21 E | 15 22 E | 16 22 E | 14 20 E | 15 19 ENE | 14 18 ENE | 14 18 ENE | 14 18 ENE | 14 18 ENE | 14 18 ENE | 13 17 ENE | 13 18 ENE | 13 19 ENE | 13 19 ENE | 13 20 ENE | 14 21 ENE | 14 21 ENE | 15 22 ENE | 15 22 ENE | 15 22 ENE | 15 21 ENE | 15 20 ENE | 15 20 ENE | 15 21 ENE | 15 21 ENE | 15 21 ENE | 16 22 ENE | 16 23 ENE | 17 24 ENE | 16 23 ENE | | |
| 1 & 2 Bravo | 14 18 E | 13 17 E | 14 18 E | 15 19 E | 16 20 E | 17 21 E | 18 22 E | 19 23 E | 18 22 E | 18 21 ENE | 16 20 ENE | 15 19 ENE | 15 18 ENE | 17 19 ENE | 17 19 ENE | 15 18 ENE | 16 19 ENE | 16 20 ENE | 16 20 ENE | 16 21 ENE | 17 22 ENE | 17 22 ENE | 18 23 ENE | 18 23 ENE | 19 24 ENE | 19 24 ENE | 19 24 ENE | 19 24 ENE | 19 24 ENE | 19 24 ENE | 20 25 ENE | 20 25 ENE | 21 26 ENE | 20 25 ENE | | | |

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Houston Pilots: Wed. 12/13/2023

Forecast Discussion

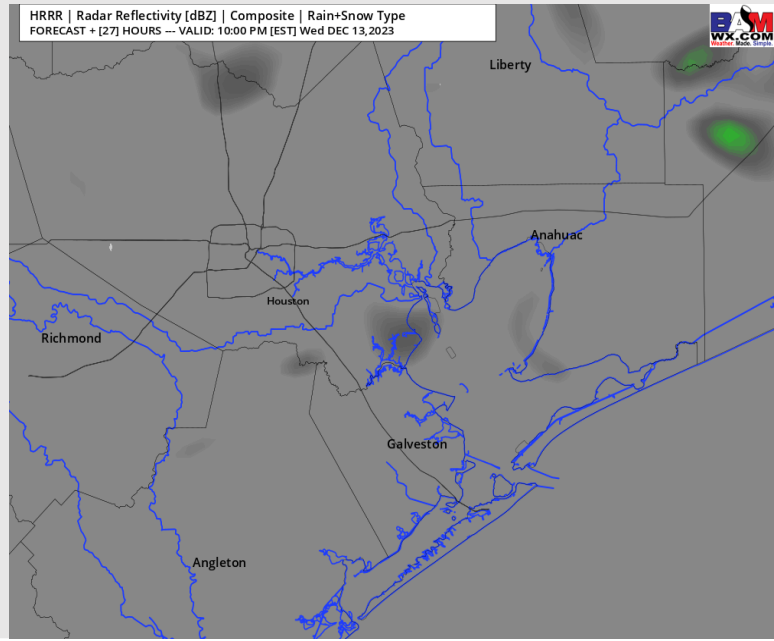
Precip: Dry conditions favored for majority of today, but monitoring low end potential for sprinkles / drizzle after 7 PM (10%). A large layer of dry air in the low levels will likely keep this risk localized in nature for all stations.

Wind: Winds will be out of the E for most the day before veering slightly out of the ENE towards 5 PM. **N of Morgan's Point:** 4 - 9 kts prior to sunrise, increasing to 7 - 12 kts by 9 AM and continuing at that speed for the remainder of the day. **S of Morgan's Point:** Winds will continue at 12-16 kts for the entire day. For 11/12 and the Boarding Station, winds are more elevated at 16 - 21 kts consistently. **Wind gusts of 24-28 kts will be possible S of Morgan's Point during the AM hours. After 4 PM, maximum gusts of 26 kts.**

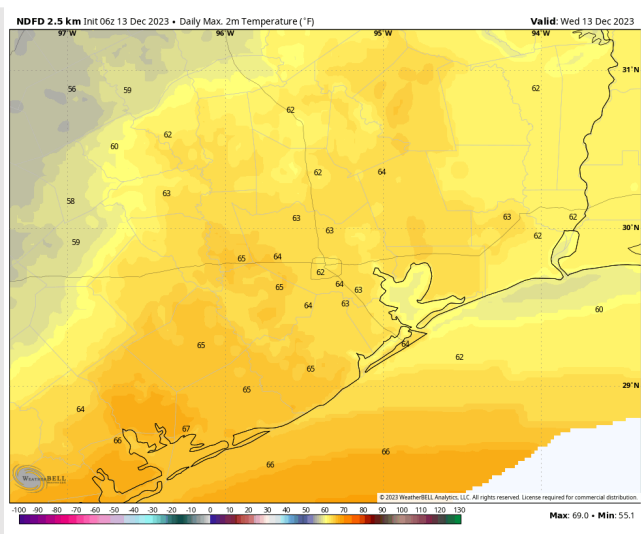
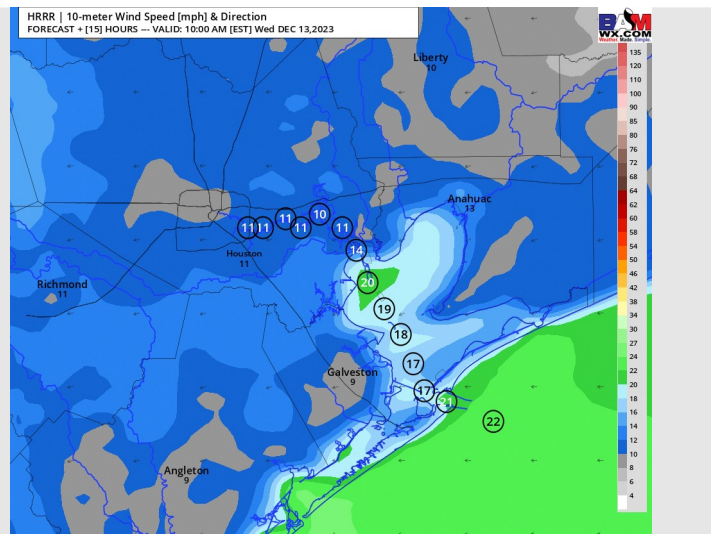
Low Temps: **N of Morgan's Point:** Low to mid 60s F. **S of Morgan's Point:** Low 60s F

Visibility: Not anticipating any fog concerns for today.

Precip Image: 9 PM CT



**Wind Speed:
10 AM CT**



**High Temps
Today**

Houston Pilots: Thu. 12/14/2023



Forecast Discussion

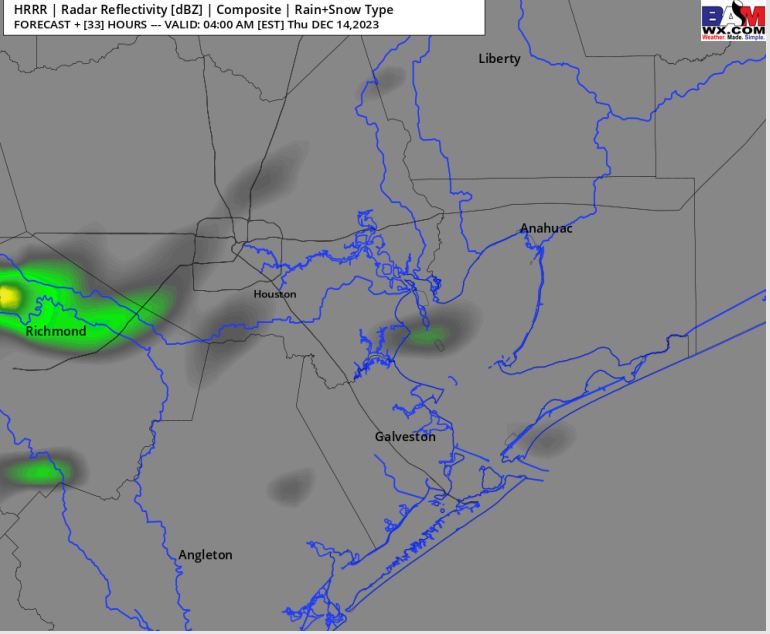
Precip: Low end risk (10% chance) for patchy drizzle through 6AM, with dry air near the surface keeping this risk fairly localized. Most locations will remain fully dry.

Wind: Winds will start out of the E / ENE and continue that way for the remainder of the day. **N of Morgan's Point:** Winds will be 7-12 kts for the entire day. **S of Morgan's Point:** 11 - 16 kts for the entire day outside of a brief window from 9 AM - 4 PM (winds at 9 - 14 kts). 11/12 and Boarding Station winds at 17 - 22kts. **Gusts of up to 20- 22 kts North of Morgan's Point after 9 AM and up to 22 - 26 kts at 11/12 and the Boarding Station. Best opportunity arrives between 4PM and beyond for gusts locally of up to 28kts for 11/12 and Boarding Station.**

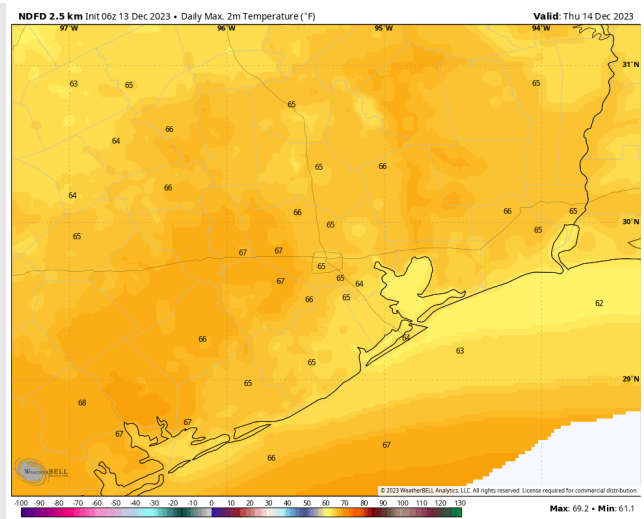
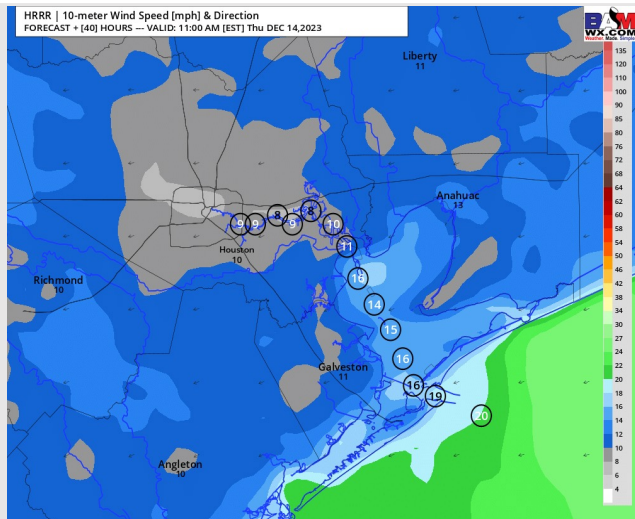
Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Low to mid 60s F.

Visibility: Not anticipating any visibility concerns for Thursday

Precip Image: 3 AM CT



Wind Speed:
10 AM CT



High Temps
Thursday

Houston Pilots: Fri. 12/15/2023



Forecast Discussion

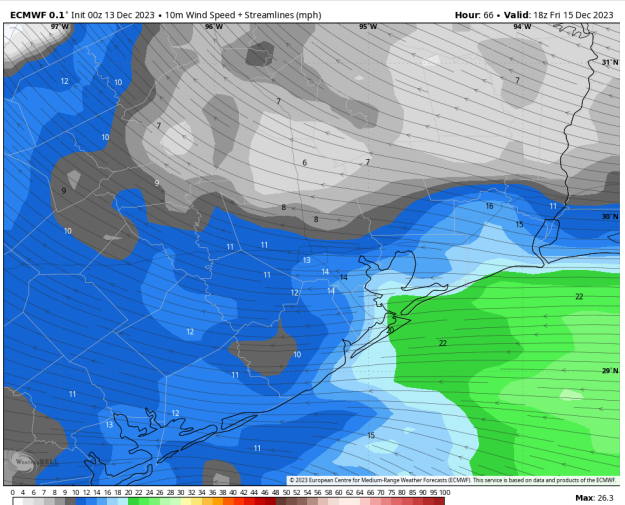
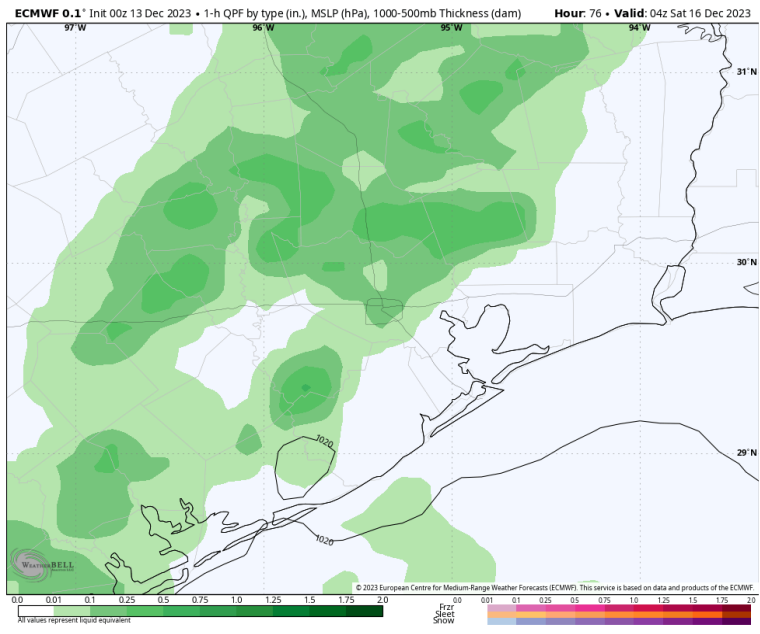
Precip: Low end chances (20%) for scattered showers during the AM hours. Heavy Rain / Storms possible after 10PM as front approaches.

Wind: Winds will continue to remain out of the E through 8PM before veering out of the ESE prior to arrival of front. **N of Morgan's Point:** Winds will be 8-13 kts for the entire day. **S of Morgan's Point:** 11 - 16 kts for the entire day. **Gusts of up to 20 kts North of Morgan's Point and up to 22 - 26 kts at 11/12 and the Boarding Station.**

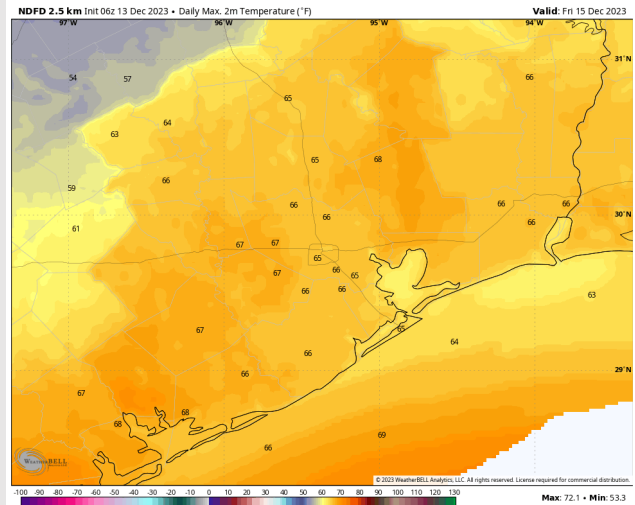
High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Low to mid 60s F.

Visibility: Confidence a bit lower, but favoring sea fog risks to remain southwest of the bay area during both morning and afternoon hours prior to arrival of cold front.

Precip Image: 10 PM CT

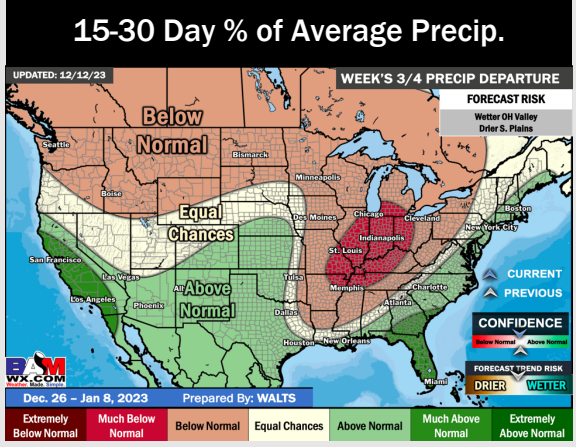
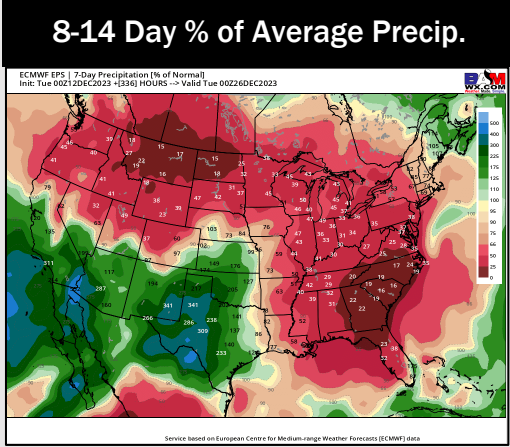
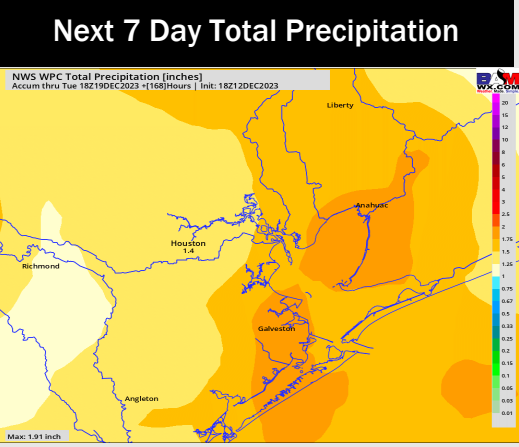
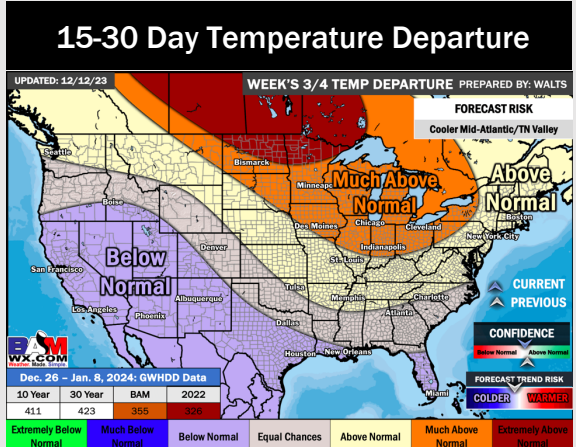
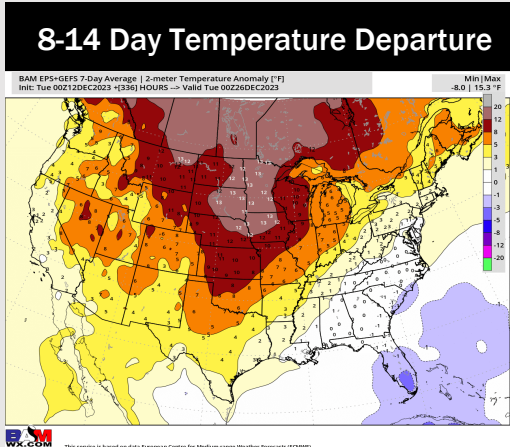
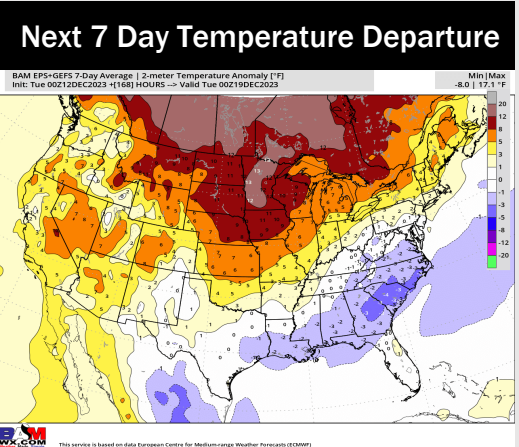


Wind Speed:
12 PM CT



High Temps
Friday

Houston Pilots: 12/13/23



- Next best shot at rain will move in this Friday afternoon into Saturday morning. Slightly below normal temperatures favored.
- Near normal precipitation chances and seasonal 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.