

Houston Pilots Forecast Package



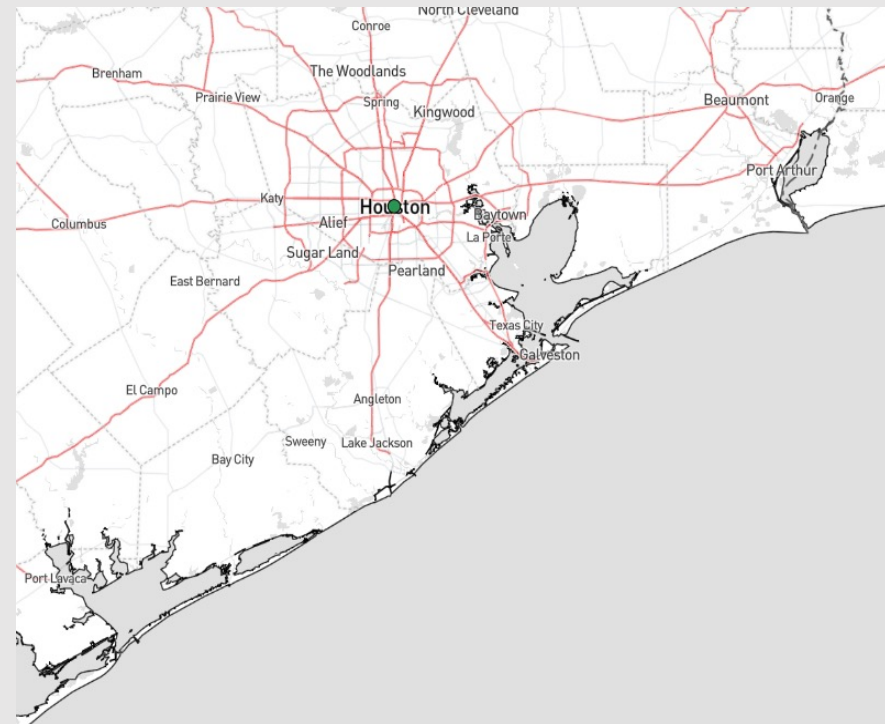
Updated: 9:45 PM CT

Tuesday, December 19, 2023

Forecaster: Xander Lowry

Weather Headlines

- Winds are expected to remain calm over the next couple days, seldom reaching over 15kts outside of the Boarding Station.
- Dry conditions are favored over the next few days, with next rain chances occurring early FRI AM.
- Next Best opportunity for Sea Fog arrives Friday PM into Saturday AM



Radar/NWS Alerts: 9:45 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 Extended Range Visibility Report



Saturday 12/23/23

As a front passes through the area FRI, patchy to widespread fog across the area will need to be monitored (exit time for rain will need to be watched for potential timeframe of fog on SAT).



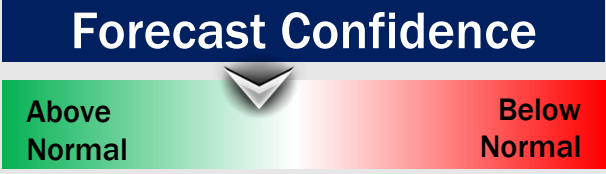
Monday 12/25/23

Early Monday morning winds will shift to be out of the NW, limiting potential fog impacts.



Sunday 12/24/23

Fog will once again be present in a patchy to widespread nature across the area SUN, especially during the AM hours. Heavy rain into the evening hours will also reduce visibility.



Chance for Fog

Saturday AM	Likely
Saturday PM	Possible
Sunday AM	Likely
Sunday PM	Possible
Monday AM	Unlikely
Monday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Time	Tue 9pm	Tue 10pm	Tue 11pm	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		
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	9		
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	9	
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	7	
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	7	
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	7	
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	7	
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	7	
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	9	7
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	7	
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	7	
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	9	
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	9	
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	9	
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	

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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	Tue 9pm	Tue 10pm	Tue 11pm	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		
610 Bridge	5 12 E	5 12 E	4 10 ESE	4 10 ESE	4 10 E	4 10 E	5 11 E	5 11 E	5 11 E	5 11 E	5 11 E	5 12 E	7 17 E	7 15 ESE	8 14 ESE	10 15 ESE	10 15 ESE	9 14 ESE	9 10 ESE	10 9 ESE	9 9 ESE	9 9 ESE	9 8 ESE	9 8 ESE	8 13 E	8 12 E	7 11 E	7 11 E	6 10 E	6 9 E	6 9 E	6 9 E	6 10 E	6 10 E	7 10 E	7 11 E		
Kinder 1	5 12 E	5 12 E	4 10 ESE	4 10 ESE	4 10 E	4 10 E	5 11 E	5 11 E	5 12 E	5 12 E	5 12 E	5 12 E	7 17 E	7 15 ESE	8 15 ESE	10 14 ESE	10 14 ESE	9 14 ESE	9 10 ESE	10 9 ESE	9 9 ESE	9 8 ESE	9 8 ESE	8 13 E	8 12 E	7 11 E	7 11 E	6 10 E	6 9 E	6 8 E	6 8 E	6 9 E	6 9 E	6 10 E	6 10 E	7 11 E	7 11 E	
Greens Bayou	5 11 E	5 12 E	4 10 ESE	4 10 ESE	4 10 E	4 10 E	5 11 E	5 12 E	5 12 E	5 12 E	5 12 E	5 12 E	7 16 E	7 16 ESE	7 15 ESE	10 14 ESE	10 14 ESE	9 13 ESE	9 9 ESE	9 9 ESE	8 8 ESE	8 8 ESE	8 8 ESE	8 7 ESE	8 7 ESE	7 10 E	7 10 E	6 9 E	6 9 E	6 8 E	6 8 E	6 9 E	6 9 E	6 10 E	6 10 E	7 11 E	7 11 E	
Shell Crude	5 11 E	5 12 E	4 10 ESE	4 10 ESE	4 10 E	4 10 E	5 11 E	5 12 E	5 12 E	5 12 E	5 12 E	5 12 E	7 17 E	7 16 ESE	8 15 ESE	10 14 ESE	10 14 ESE	10 14 ESE	10 10 ESE	10 9 ESE	9 9 ESE	9 8 ESE	8 8 ESE	8 7 ESE	8 7 ESE	7 10 E	7 10 E	6 9 E	6 9 E	6 8 E	6 8 E	6 9 E	6 9 E	6 10 E	6 10 E	7 11 E	7 11 E	
Lynchburg Ferries	5 11 E	5 12 E	4 10 ESE	4 10 ESE	4 10 E	4 10 E	5 11 E	5 12 E	5 12 E	5 12 E	5 12 E	5 12 E	7 16 E	7 15 ESE	8 14 ESE	10 14 ESE	10 14 ESE	10 13 ESE	10 13 ESE	10 10 ESE	9 10 ESE	9 9 ESE	9 8 ESE	8 8 ESE	8 7 ESE	7 7 ESE	7 10 E	7 10 E	6 9 E	6 9 E	6 8 E	6 8 E	6 9 E	6 9 E	6 10 E	6 10 E	7 11 E	7 11 E
Exxon 3	5 11 E	5 12 E	6 10 ESE	4 10 ESE	4 10 E	5 10 E	5 11 E	5 12 E	5 12 E	5 12 E	6 13 E	6 13 E	8 17 E	8 16 ESE	8 15 ESE	10 14 ESE	10 14 ESE	10 14 ESE	10 10 ESE	9 9 ESE	9 9 ESE	9 8 ESE	8 8 ESE	8 7 ESE	8 7 ESE	7 10 E	7 10 E	6 9 E	6 10 E	6 10 E	6 10 E	6 10 E	6 10 E	6 10 E	6 10 E	7 11 E	7 11 E	
Morgans Point	7 12 E	8 13 E	7 11 ESE	6 10 ESE	6 10 E	6 11 E	7 12 E	7 13 E	7 13 E	8 14 E	8 14 E	8 14 E	9 17 E	8 16 ESE	8 16 ESE	11 15 ESE	11 15 ESE	11 15 ESE	11 16 ESE	11 16 ESE	11 14 ESE	11 14 ESE	11 14 ESE	11 14 ESE	11 13 ESE	10 13 ESE	9 12 ESE	9 12 ESE	9 11 ESE	9 11 ESE	9 11 ESE	9 11 ESE	9 11 ESE	9 11 ESE	9 12 ESE	9 12 ESE	9 12 ESE	9 12 ESE
75/76	10 14 E	10 14 E	9 13 E	8 11 ESE	7 9 E	7 9 E	8 12 E	8 13 E	9 14 E	9 14 E	10 15 E	10 15 E	9 17 E	7 17 E	8 18 E	12 15 ESE	12 16 ESE	13 16 ESE	13 16 ESE	14 17 ESE	14 17 ESE	14 16 ESE	13 16 ESE	13 16 ESE	13 15 ESE	13 15 ESE	12 14 ESE	12 14 ESE	12 13 ESE	12 13 ESE	11 13 ESE	11 13 ESE	11 13 ESE	11 13 ESE	12 14 ESE	12 14 ESE	12 14 ESE	12 14 ESE
63/64	10 15 E	10 16 E	9 14 ESE	8 12 ESE	7 12 ESE	8 13 ESE	8 14 ESE	9 15 ESE	9 15 ESE	10 16 ESE	10 16 ESE	10 16 ESE	9 17 ESE	9 18 ESE	10 19 ESE	13 16 ESE	13 17 ESE	13 17 ESE	14 17 ESE	14 17 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE
51/52	10 16 ESE	10 17 ESE	9 15 ESE	7 13 ESE	7 12 ESE	8 14 ESE	8 14 ESE	8 14 ESE	9 15 ESE	9 15 ESE	11 17 ESE	11 16 ESE	10 17 ESE	10 18 ESE	12 20 ESE	13 16 ESE	13 17 ESE	13 16 ESE	14 16 ESE	14 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE
37/38	10 17 ESE	11 18 ESE	9 16 ESE	7 14 ESE	7 13 ESE	8 15 ESE	8 15 ESE	8 16 ESE	8 16 ESE	9 17 ESE	10 18 ESE	10 18 ESE	9 17 ESE	11 18 ESE	12 20 ESE	13 16 ESE	13 16 ESE	13 16 ESE	14 16 ESE	14 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE
25/26	10 17 ESE	11 18 ESE	9 16 ESE	8 15 ESE	7 14 ESE	8 15 ESE	8 15 ESE	8 16 ESE	8 16 ESE	9 17 ESE	10 18 ESE	10 18 ESE	10 17 ESE	11 18 ESE	12 19 ESE	13 16 ESE	13 16 ESE	13 16 ESE	13 16 ESE	14 16 ESE	14 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE
11/12	12 17 ESE	12 17 ESE	11 16 ESE	9 15 ESE	9 15 ESE	10 16 ESE	10 16 ESE	10 16 ESE	10 16 ESE	10 16 ESE	10 16 ESE	10 16 ESE	12 18 ESE	11 18 ESE	11 19 ESE	12 15 ESE	12 15 ESE	12 15 ESE	13 15 ESE	13 15 ESE	13 15 ESE	13 15 ESE	13 15 ESE	13 15 ESE	13 15 ESE	13 15 ESE	13 15 ESE	12 14 ESE	12 14 ESE	12 14 ESE	12 14 ESE	12 14 ESE	12 14 ESE	12 14 ESE	12 14 ESE	12 14 ESE	12 14 ESE	12 14 ESE
1 & 2 Bravo	14 16 ESE	15 17 ESE	13 16 ESE	12 15 ESE	12 15 ESE	13 16 ESE	12 16 ESE	12 16 ESE	11 16 ESE	11 16 ESE	12 17 ESE	13 18 ESE	13 19 ESE	13 19 ESE	12 18 ESE	13 15 ESE	13 15 ESE	13 15 ESE	14 15 ESE	14 15 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	15 16 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE	14 15 ESE

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Houston Pilots: Wed. 12/20/2023



Forecast Discussion

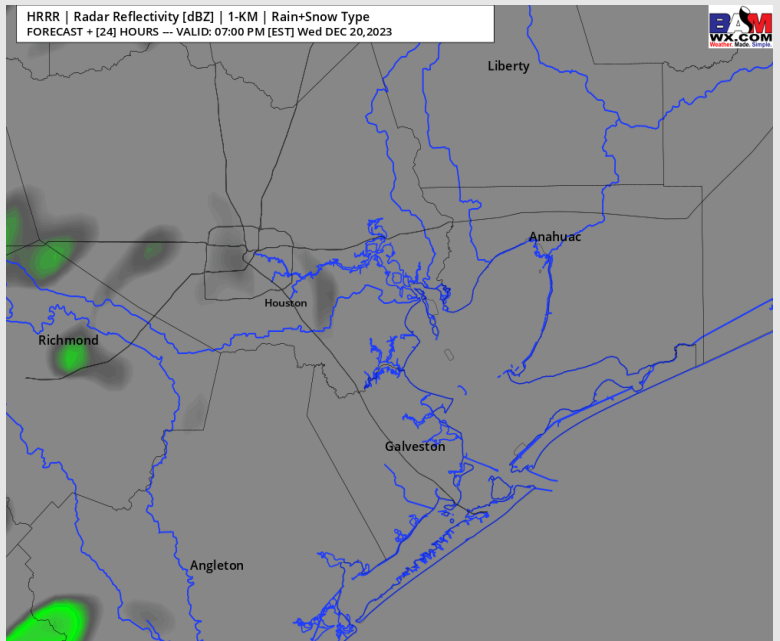
Precip: A low end 10% chance for drizzle will be at play heading into the mid-afternoon hours, near 5 - 8 PM however favoring conditions to remain dry.

Wind: Winds will be out of the SE/ESE the entire day. **N of Morgan's Point:** Winds will be at 4 - 8 kts to start the AM, slowly increasing to 8 - 13 kts by 12 PM. After ~6 PM winds lighten to 5- 10 kts. **S of Morgan's Point:** Winds will start off at 8 - 13 kts through 1 PM before increasing slightly to 11 - 16 kts.

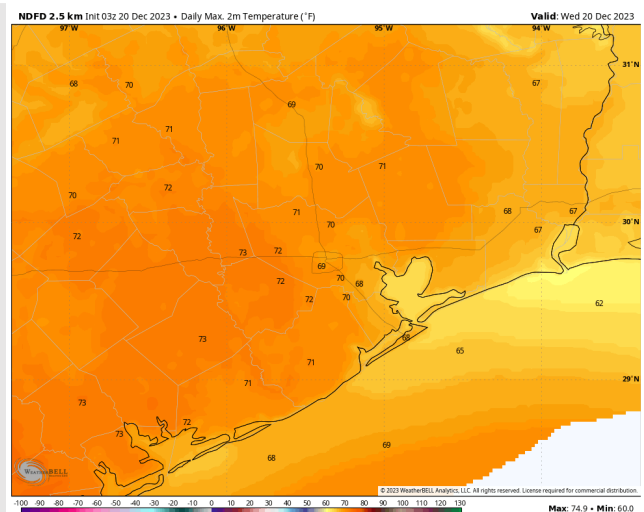
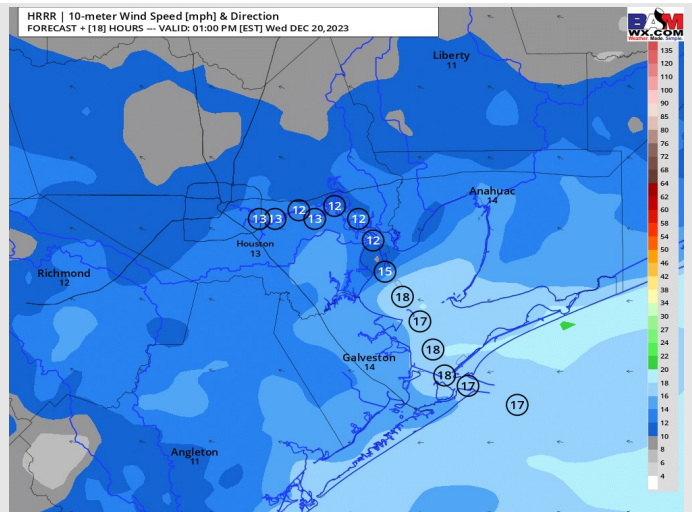
High Temps: **N of Morgan's Point:** Upper 60s to 70 F. **S of Morgan's Point:** Mid 60s F.

Visibility: Not favoring fog at this time for WED.

Precip Image: 6 PM CT



Wind Speed:
12 PM CT



High Temps
Wednesday

Houston Pilots: Thu. 12/21/2023



Forecast Discussion

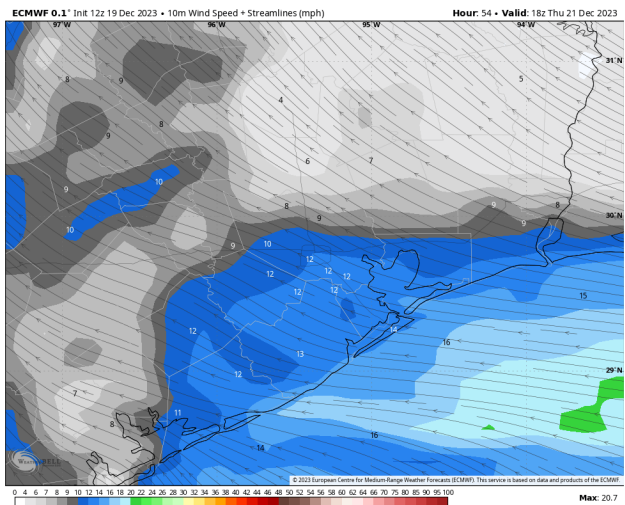
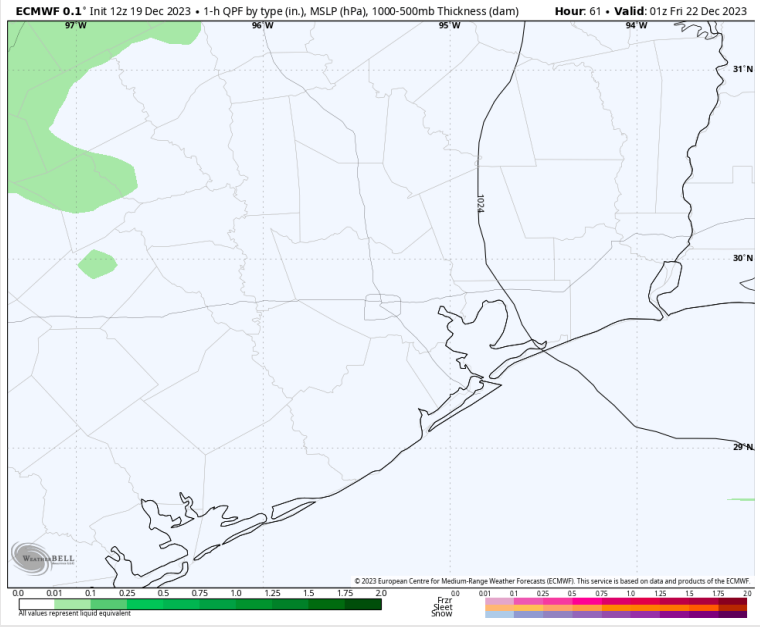
Precip: Dry conditions favored for Thursday but continuing to watch trends with the incoming cold front. Data has continued with the slower trend bring rain chances more into Friday morning.

Wind: Winds remain out of the ESE throughout THU. **N of Morgan's Point:** Winds start at 4 - 9 kts before 4 AM, increasing to 7-12 kts. After 5 PM, 7 - 12 kts. **S of Morgan's Point:** 11-16 kts through 12 PM, waning slightly to 9 - 14 kts. The Boarding Station will remain sustained at 12-17 kts all day.

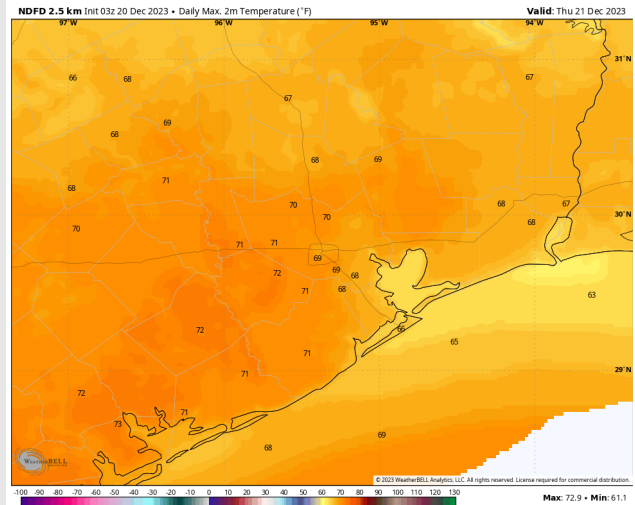
High Temps: **N of Morgan's Point:** Near 70 F. **S of Morgan's Point:** Mid 60s F

Visibility: Would need to watch for a low-end fog risk/sea fog risk in the AM, however due to some slower trends in data, **currently favoring Friday AM to be the better timing to see sea fog.**

Precip Image: 4 PM CT



Wind Speed:
12 PM CT



High Temps
Thursday

Forecast Discussion

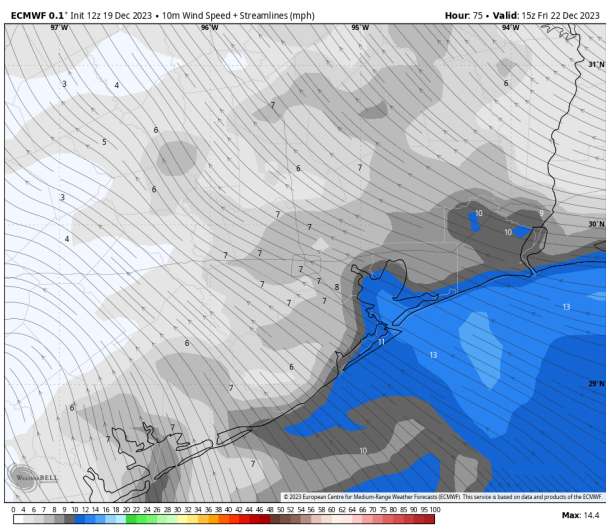
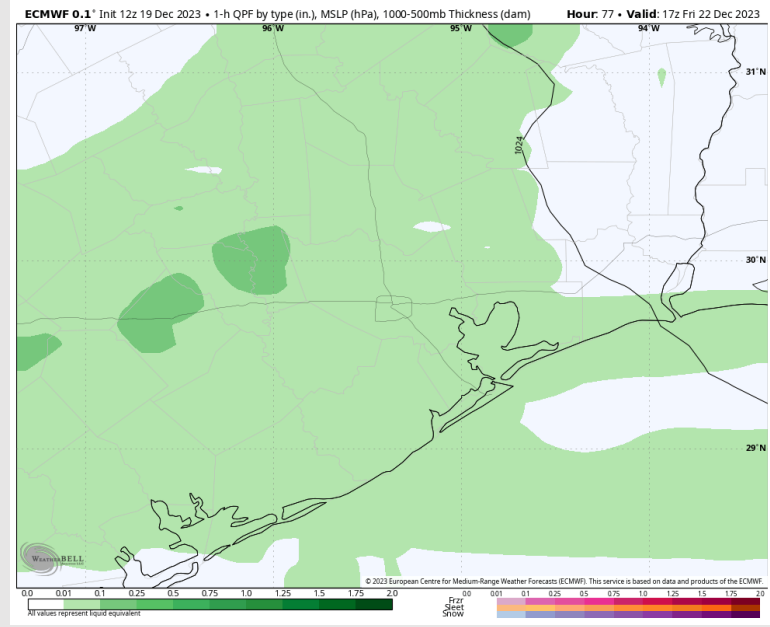
Precip: Scattered rain chances will begin at 3AM before becoming more widespread at 9AM and continuing through 4PM before again becoming more scattered in nature (30%—40%) for the remainder of the evening.

Wind: Sustained winds will be out of the SE throughout the day Friday. **N Morgan's Point:** 5 - 10 kts throughout the day Friday. **S of Morgan's Point:** Winds will start out at 9-14 kts before decreasing to 6 - 11 kts throughout the rest of the day.

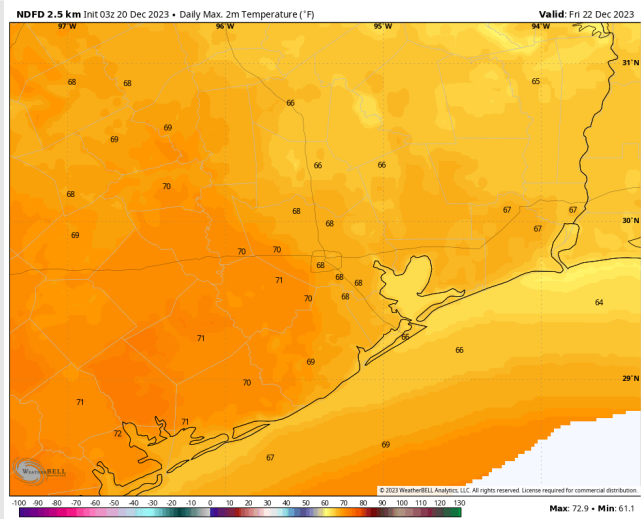
High Temps: **N of Morgan's Point:** High 60s to 70s F **S of Morgan's Point:** Mid 60s F

Visibility: Along with heavy down pours limiting visibility. Sea fog will be a concern once the main system of rain exits into the afternoon Friday. Exact exit timing of the rain will influence initial onset time. Sea fog runs the risk of continuing over into Saturday morning as well.

Precip Image: 11 AM CT

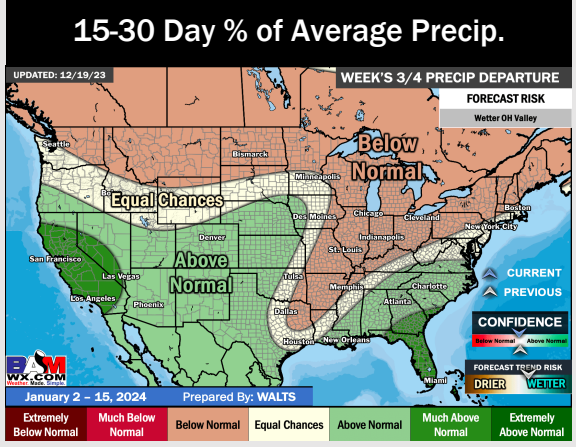
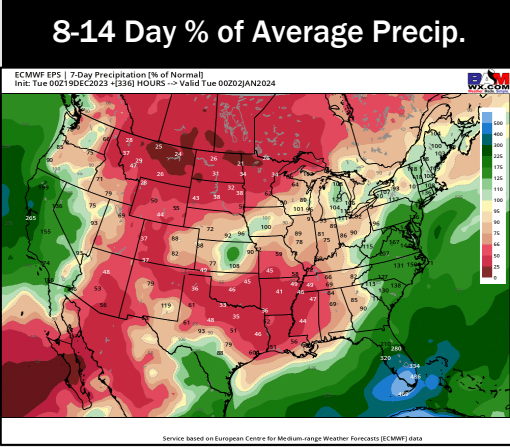
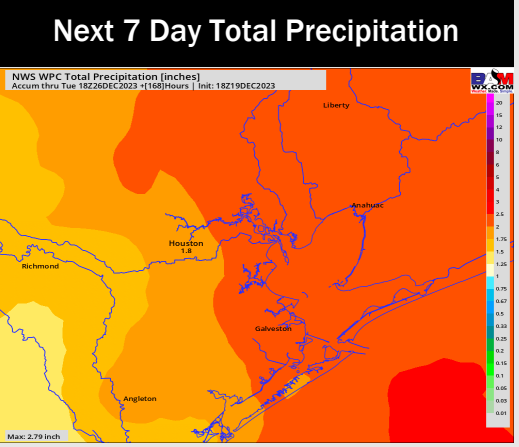
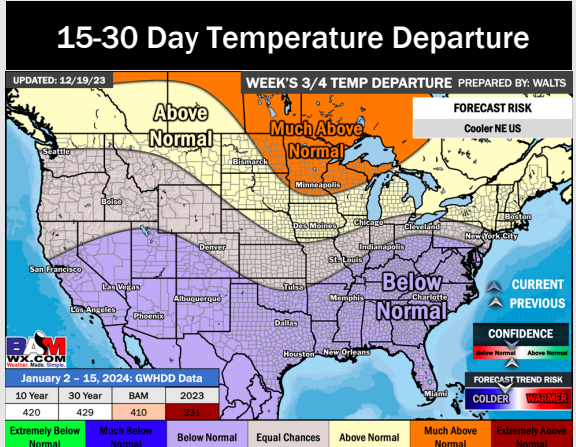
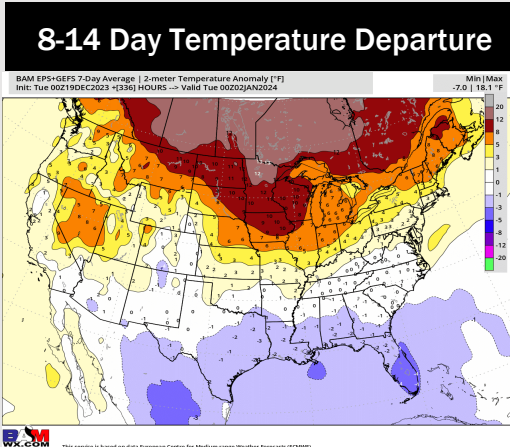
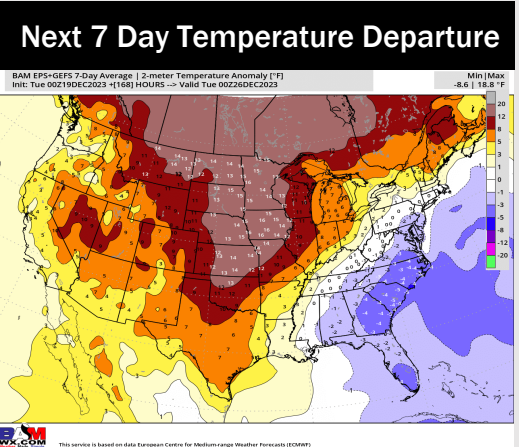


**Wind Speed:
9 AM CT**



**High Temps
Friday**

Houston Pilots: 12/19/23



- The next best shot for rain will occur early FRI AM and into the weekend, bringing periods of moderate/heavy rain. Above normal temps are favored this week as warm air will be rising ahead of the weekend cold front.
- Slightly below normal precipitation and slightly below normal temperatures are expected into the week 2 timeframe.
- Below normal temperatures and near normal chances for precipitation are favored in the weeks 3/4 timeframe.