

Houston Pilots Forecast Package



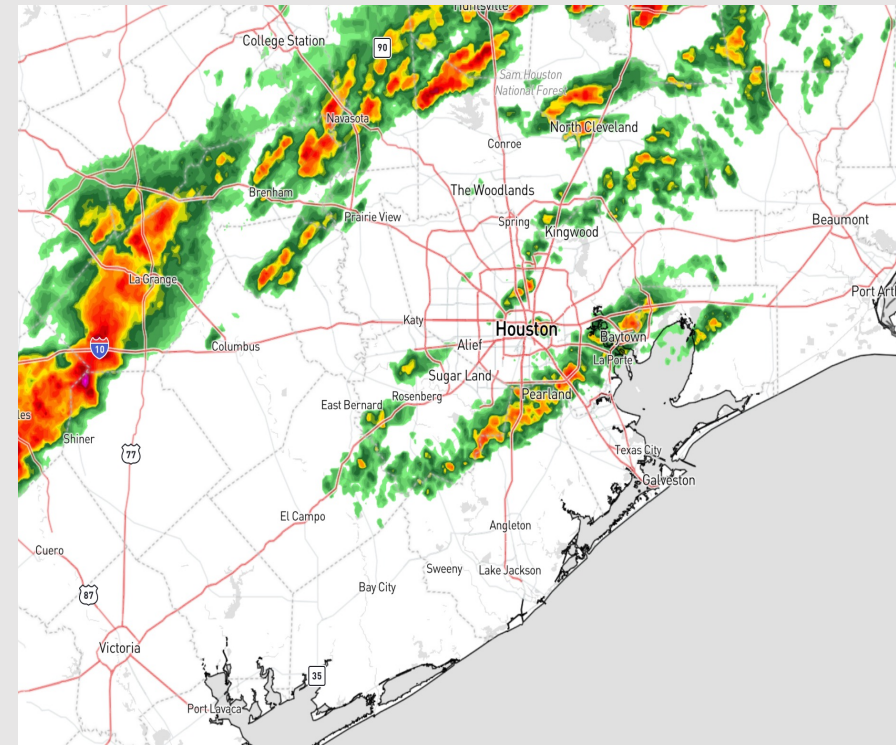
Updated: 2:45 PM CT

Monday, January 8, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- **A few severe storms will continue to be a risk through the evening. Strong wind gusts of up to 50 kts, a couple tornadoes and hail will be a risk under the strongest storms.**
- **This evening and into Tuesday morning there is a risk of elevated wave heights of 6' - 8'. Check the wave height slide for more info.**
- **Anticipating visibilities to be slightly reduced under heavy rain downpours this evening.**



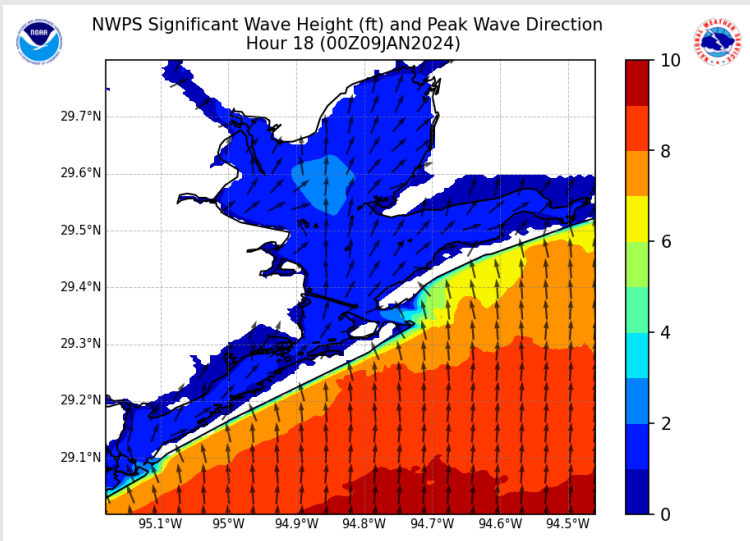
Radar/NWS Alerts: 2:45 PM CT



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.

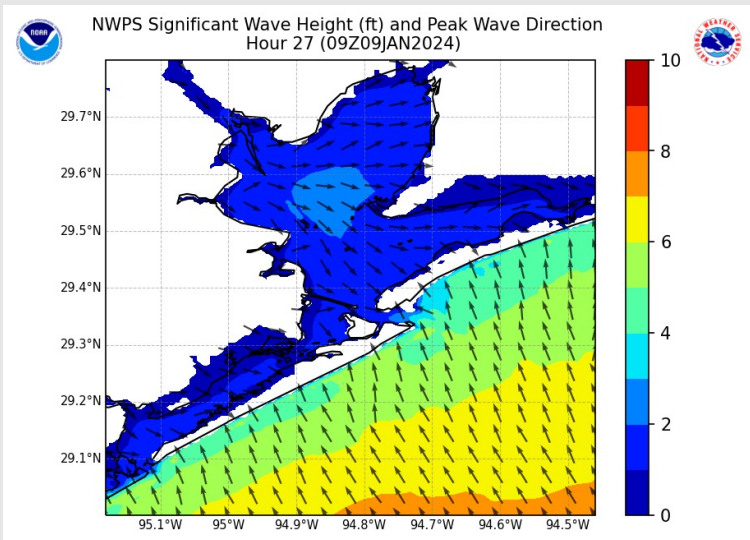
Houston Pilots Wave Height Update

Significant Wave Height Image



6 PM CT MON

Wave heights of 6' - 8' will only be a concern for Station 11/12 and the Boarding Station between 3 PM-CT Today (Monday) - 12 AM-CT TUE.



3 AM CT TUE

Wave heights have potential to remain in the 4' - 6' range from 12 AM-CT through 12 PM-CT Tuesday, continuing to decrease beyond 12 PM-CT.

Houston Pilots Extended Range Visibility Report



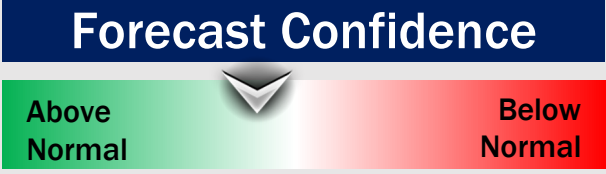
Thursday 1/11/24

No visibility concerns for Thursday.



Friday 1/12/24

No visibility concerns for Friday.



Saturday 1/13/24

No visibility concerns for Saturday.



Chance for Fog

Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am
610 Bridge	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
Greens Bayou	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
Lynchburg Ferries	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
Morgans Point	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
63/64	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
37/38	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
11/12	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

NOTE: This Visibility covers a shorter timeframe, beginning at 4 AM. For more information regarding the visibility forecast for Monday PM and overnight, check out the Day 1 slide.

Houston Pilots Wind Chart



Forecast Confidence



Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

Example

WS: 13
G:18
N

Time Knots	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am
610 Bridge	19	19	17	18	18	19	19	18	19	18	17	17	16	13	10	8	6	5	4	3	3
	28	28	26	28	27	29	29	28	28	28	25	25	24	20	16	12	9	7	6	5	5
Kinder 1	18	18	17	18	18	19	19	18	19	18	17	17	15	13	10	8	6	4	4	3	3
	27	28	26	27	28	29	29	28	28	27	25	25	23	19	15	12	9	7	6	5	5
Greens Bayou	18	19	17	18	18	19	19	18	18	18	17	17	15	13	10	8	6	4	4	3	3
	28	28	26	27	27	29	30	28	28	27	25	25	23	19	15	12	9	7	6	5	5
Shell Crude	18	18	17	18	18	19	19	18	18	18	17	16	15	13	10	8	6	5	4	3	4
	27	28	26	27	27	29	29	27	28	27	25	25	23	19	15	12	9	7	6	5	6
Lynchburg Ferries	19	18	17	18	18	19	19	18	18	18	17	16	15	12	10	8	6	5	4	3	4
	28	27	26	26	26	29	29	27	27	27	25	24	22	18	14	11	9	7	6	5	5
Exxon 3	18	18	17	18	18	19	19	18	18	18	17	16	15	13	10	8	6	5	5	4	4
	27	26	26	26	27	29	28	27	27	27	25	24	22	18	15	11	9	7	7	6	6
Morgans Point	19	19	19	19	19	20	20	19	19	18	18	17	16	14	11	9	8	6	5	5	5
	26	26	26	27	27	29	28	28	27	27	25	24	23	19	15	12	10	8	7	6	6
75/76	22	22	22	22	22	23	22	22	21	20	19	18	18	16	13	11	9	8	7	6	6
	26	28	28	29	28	31	29	29	27	27	26	25	23	20	16	13	11	9	8	7	7
63/64	24	25	25	24	24	25	24	24	23	22	21	19	18	17	15	12	10	8	7	6	6
	27	30	29	30	30	32	30	30	28	28	26	25	23	20	17	14	12	10	8	7	7
51/52	24	25	25	25	25	26	24	25	23	23	21	19	18	18	15	12	10	8	7	6	6
	28	30	30	31	30	32	31	30	28	28	26	24	22	20	17	14	12	10	8	7	7
37/38	24	25	25	25	25	25	25	24	23	21	20	18	17	15	12	10	8	7	6	6	6
	28	31	30	31	31	32	31	30	28	27	26	23	22	20	17	14	12	10	9	7	7
25/26	22	23	24	24	24	24	24	24	22	22	20	19	17	16	13	11	9	8	6	6	6
	28	31	31	31	32	31	32	30	28	28	26	23	22	20	17	15	12	11	9	8	7
11/12	22	24	24	24	24	24	24	24	22	22	21	19	18	16	14	12	10	8	7	6	6
	28	31	31	32	32	31	32	30	27	27	25	23	22	20	17	15	13	11	10	9	8
1 & 2 Bravo	27	29	30	29	29	29	28	28	27	26	24	23	22	21	19	17	14	12	10	9	8
	30	32	33	33	33	33	32	31	29	28	26	25	24	23	20	18	15	13	12	10	9

NOTE: This wind chart is covering a shorter timeframe and does not begin until 4 AM-CT Tuesday. For more information regarding winds Monday PM and overnight, please view the Day 1 Slide.

Houston Pilots: Mon. 01/08/2024



Forecast Discussion

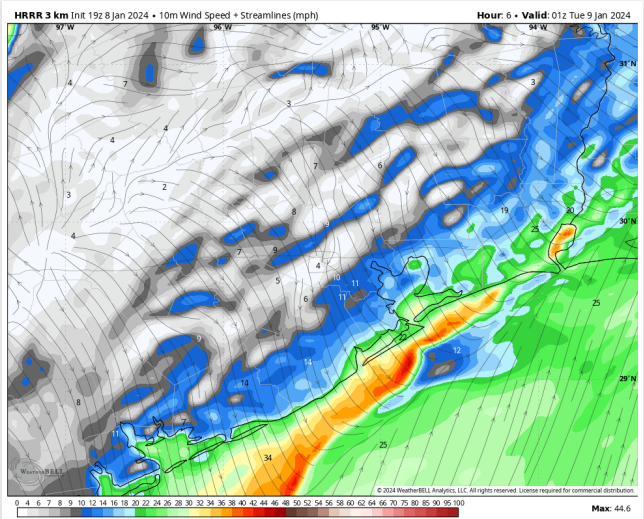
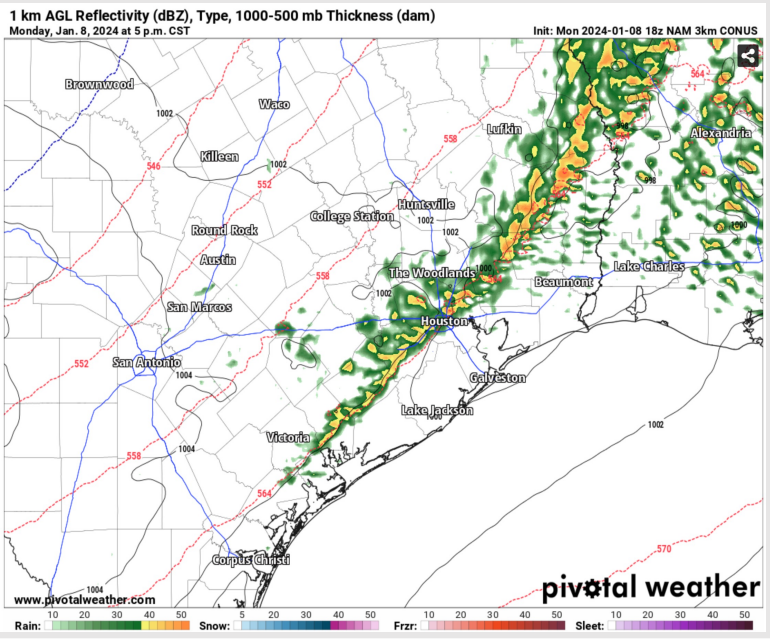
Precip: Anticipating strong to severe storms to continue to be a risk through the afternoon. Storms currently scattered in nature will form into more of a line towards 3:30 PM-CT, then will push into the Hou Metro area from the NW, bringing with it risks for a couple tornadoes, hail and locally strong wind gusts. The line will pass the Boarding Station by 7 PM-CT, then favored scattered showers and storm potential to hang around through 4 AM-CT.

Wind: Winds will continue to be out of the SSW through the early PM, once the front passes the Boarding Station after 7 PM-CT, winds will then shift to be generally out of the west and at times variable. **N of Morgan's Point:** Winds at 15 – 20 kts, increasing to 25 kts as the front passes. **S of Morgan's Point:** winds at 20 – 25 kts with sustained winds at time reaching 30 kts. **Gusts have the potential to reach 40-50 kts under a stronger storm.** The **Boarding Station** is at risk for the winds of 30 kts with gusts occasionally reaching the 45-50 kt range, especially around 7 PM-CT.

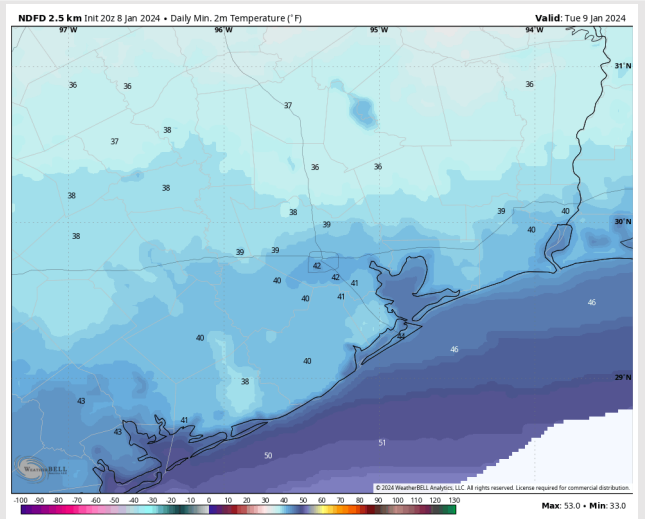
Low Temps: Temperatures expected to drop behind the cold front. **N of Morgan's Point:** Low to near 40 **S of Morgan's Point:** Mid 40 F

Visibility: Reduced visibilities of 2-4 miles will be possible under any storm throughout the evening.

Precip Image: 3 PM CT



Wind Speeds:
7 PM CT



Low Temps
Tue AM

Forecast Discussion

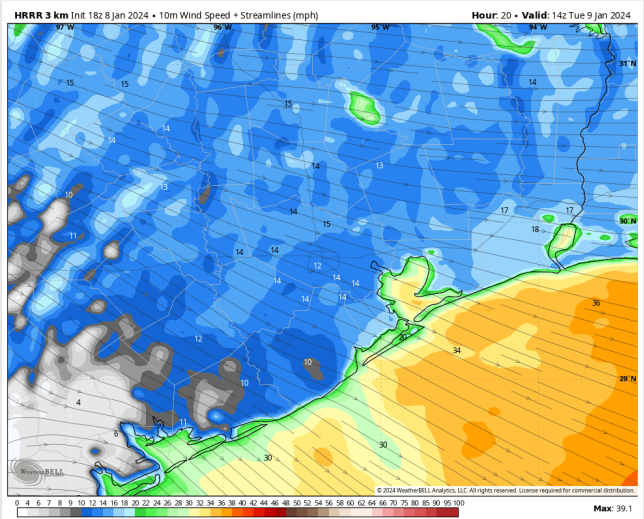
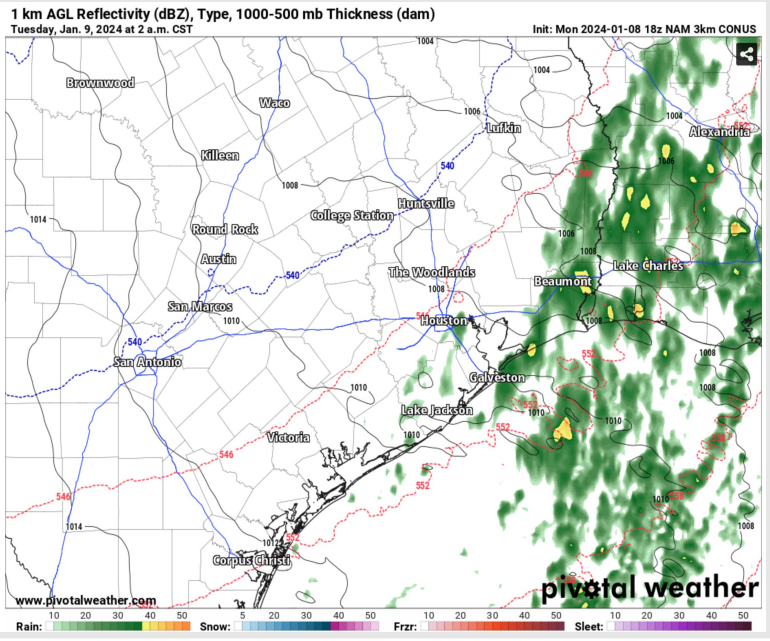
Precip: Favoring dry conditions for TUE outside of light scattered rain lingering through ~4 AM from Monday's activity.

Wind: NW winds the entire day TUE. **N Morgan's Point:** Winds at 10-15 kts through 12 PM, then increase to 13-18 kts. After 6 PM, winds die down to 3-8 kts. **S of Morgan's Point:** 25-30 kts through 5 PM before gradually decreasing to 12-17 kts by 8 PM and 8-13 kts by 11 PM. **Wind gusts of 30-40 kts will be possible at all stations from 9 AM to 5 PM TUE.**

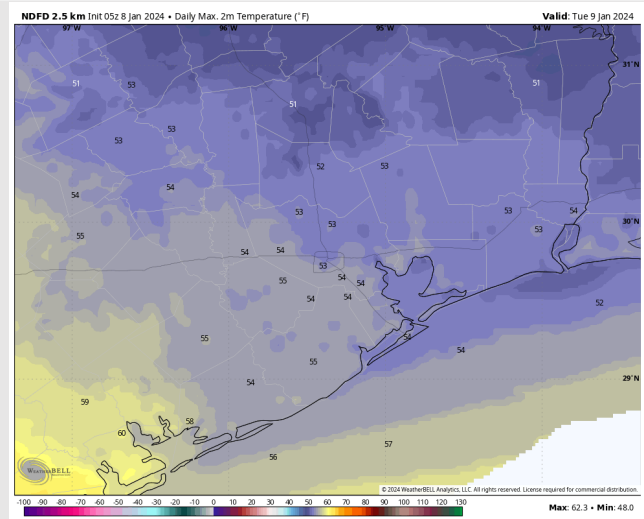
High Temps: Significantly cooler **N of Morgan's Point:** Mid 50s F. **S of Morgan's Point:** Mid 50s F.

Visibility: Not anticipating any visibility concerns Tuesday.

Precip Image: 2 AM CT



Wind Speed:
8 AM CT



High Temps
Tuesday

Houston Pilots: Wed. 01/10/2024



Forecast Discussion

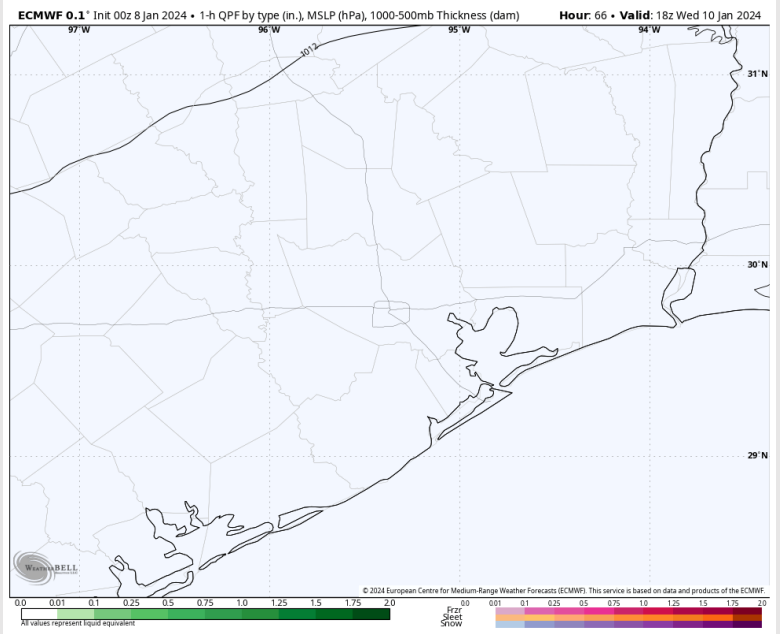
Precip: Favoring dry conditions for Wednesday.

Wind: Winds out of the WSW will veer out of the S by 6 AM. **N Morgan's Point:** 1-5 kts through the AM, increasing to 7-12 kts near 12 PM. Winds will then decrease to 3-8 kts by 5 PM. **S of Morgan's Point:** 3-8 kts through majority of the AM, increasing to 7-12 kts by 10 AM.

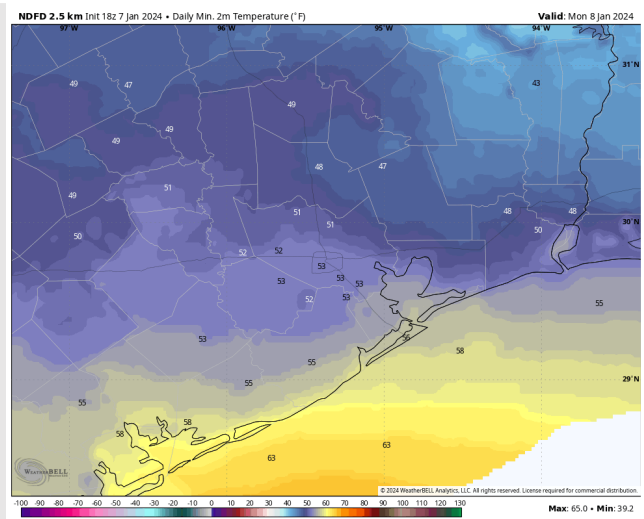
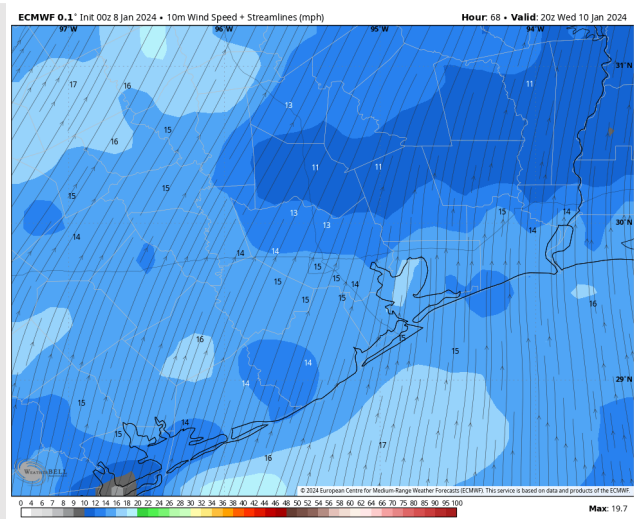
High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Mid 60s F.

Visibility: No visibility concerns for Wednesday.

Precip Image: 12 PM CT

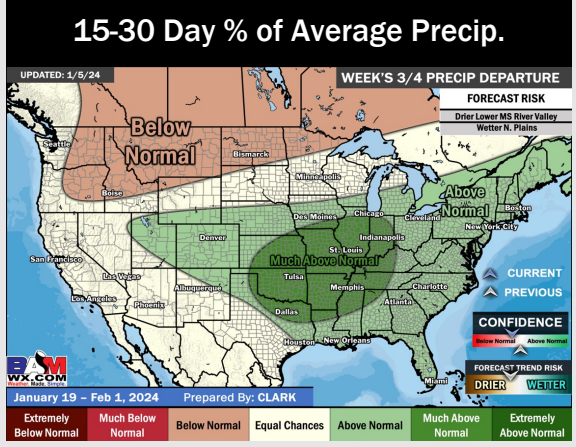
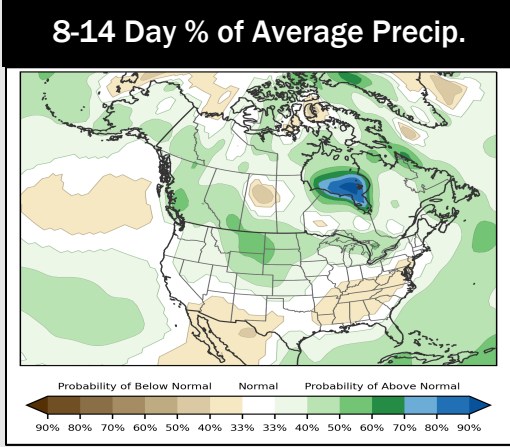
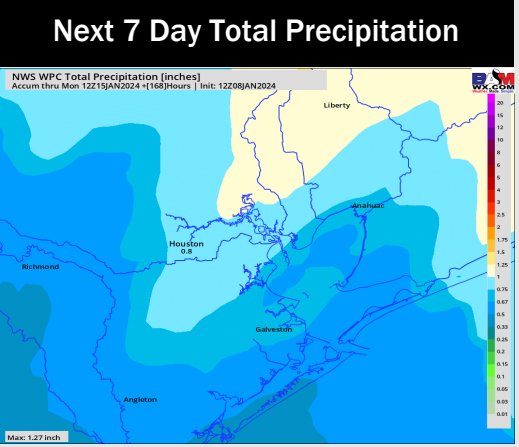
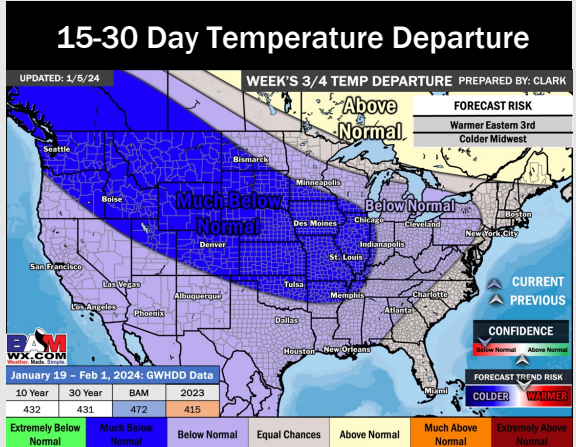
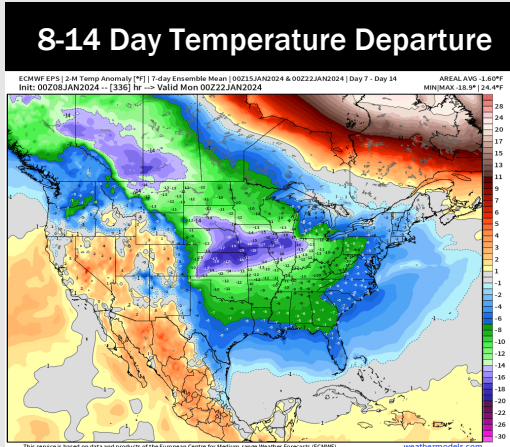
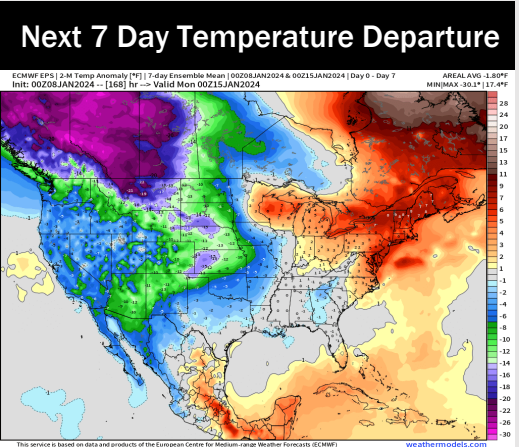


Wind Speed:
2 PM CT



High Temps
Wednesday

Houston Pilots: 1/8/24



- Aside from activity moving through today, the next opportunities for rain will be Thursday/Friday. Seasonable to slightly below normal temperatures for next week.
- Need to monitor for wetter trends towards the end of next week. Temps expected to be below normal.
- Below normal temperatures and seasonal to above normal chances for precipitation are favored in the weeks 3/4 timeframe.