

Houston Pilots Forecast Package



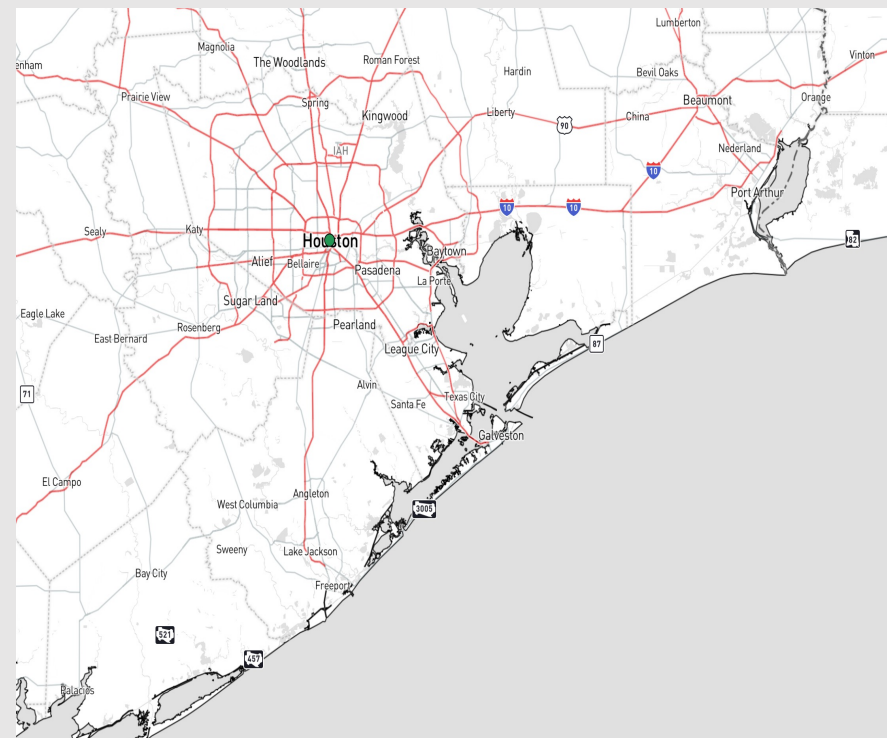
Updated: 4:00 AM CT

Thursday, January 4, 2024

Forecaster: John Kemper

Weather Headlines

- Winds steadily pick up tomorrow out ahead of a system on FRI.
- Monitoring potential for 4- 5 wave height Friday afternoon, however confidence remains low.
- **Friday AM will be the next chance of widespread showers and storms, with locally strong gusts of up to 40 - 50 kts.**



Radar/NWS Alerts: 3:45 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 Extended Range Visibility Report



Sunday 1/7/24

No visibility concerns for Sunday.

Forecast Confidence



Monday 1/8/24

No visibility concerns for Monday.

Forecast Confidence



Tuesday 1/9/24

No visibility concerns for Tuesday.

Forecast Confidence



Chance for Fog

Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence

Above Normal

Below Normal

Time	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	4	4	3	3	1	0.28	1	3	6	9	
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	5	5	5	5	3	2	2	3	6	9	
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	7	7	6	6	5	4	3	3	6	9	
Shell Crude	10	10	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	7	4	3	5	9	
Lynchburg Ferries	10	10	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	8	5	3	5	9	
Exxon 3	10	10	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	6	3	5	9	
Morgans Point	10	10	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	7	3	5	9	
75/76	10	10	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	7	3	5	8	
63/64	10	10	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	8	3	5	7	
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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	9	9	9	9	9	8	7	8	3	4	7
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	9	9	9	9	8	7	4	5	6
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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	9	9	9	9	9	7	7	6

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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	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm
610 Bridge	2	3	3	3	2	5	6	6	7	7	8	8	11	11	10	11	11	11	11	12	12	12	12	14	15	15	15	12	9	7	7	7	7
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Kinder 1	2	3	3	3	2	5	6	6	7	7	7	8	11	11	10	11	11	11	11	12	12	12	12	14	15	15	15	12	9	7	7	7	7
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Greens Bayou	3	3	3	3	2	5	6	6	7	7	7	8	11	11	10	10	10	10	11	11	12	12	12	13	15	15	15	12	10	7	7	7	8
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Shell Crude	3	3	3	3	2	5	7	7	7	7	7	8	11	11	10	10	10	11	11	12	12	13	13	15	15	15	15	13	11	8	7	7	8
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Lynchburg Ferries	3	3	3	3	2	6	7	7	7	7	7	8	11	11	10	10	10	11	11	12	13	13	13	15	15	15	15	12	11	8	8	7	8
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Exxon 3	4	3	3	4	2	6	7	7	7	7	7	8	12	12	11	11	11	11	11	12	13	13	13	15	15	15	13	11	9	8	8	8	
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Morgans Point	5	5	5	6	5	8	8	8	8	8	8	9	13	13	13	13	13	13	13	13	14	14	15	16	16	16	16	14	12	10	9	8	8
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1 & 2 Bravo	13	13	13	13	13	14	15	15	13	13	13	14	18	20	20	21	20	20	20	20	19	18	18	19	19	20	20	19	16	15	14	12	12
	14	14	15	15	15	15	16	14	14	15	15	20	21	22	22	22	22	22	22	21	21	20	20	21	22	25	26	22	21	18	15	13	13

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Houston Pilots: Thu. 01/04/2024



Forecast Discussion

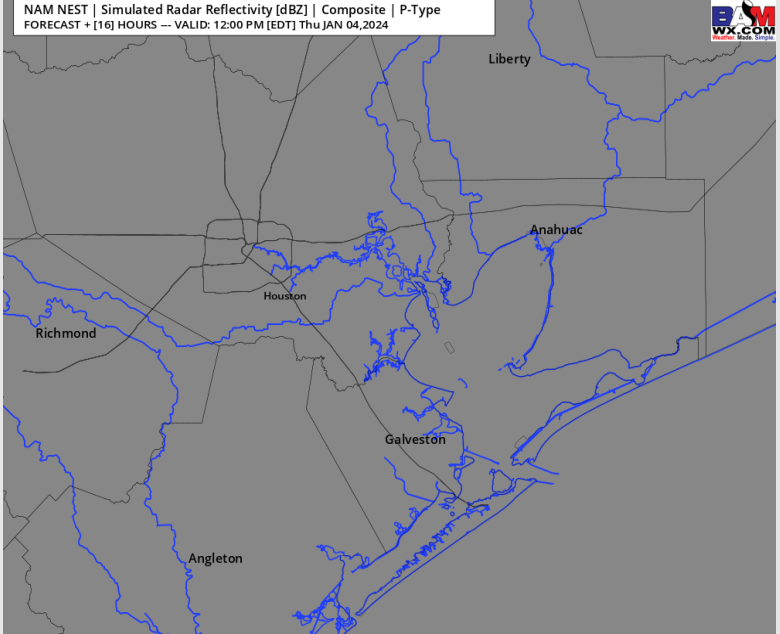
Precip: Dry Conditions are favored for most of THU. 10% chances for sprinkles after 10PM-CT will be possible if moisture can move in earlier.

Wind: Winds will remain out of the E for much of the day, becoming out of the ESE by 10PM for all stations. **N Morgan's Point:** 3 - 7 kts prior to 11 AM, increasing to 7 - 13 kts thereafter. **S of Morgan's Point:** 8 - 14 knot winds continue through about 9 - 10 AM where they begin to pick up, especially towards the boarding station. By 11AM, winds are expected to be sustained around 14 - 18 kts, increasing 16 - 21 knots by 6 PM. Winds at the Boarding Station a touch higher at 18 - 22 kts by 6 PM. Gusts of 23 - 26 knots cannot be ruled out after 6 PM near the Boarding Station.

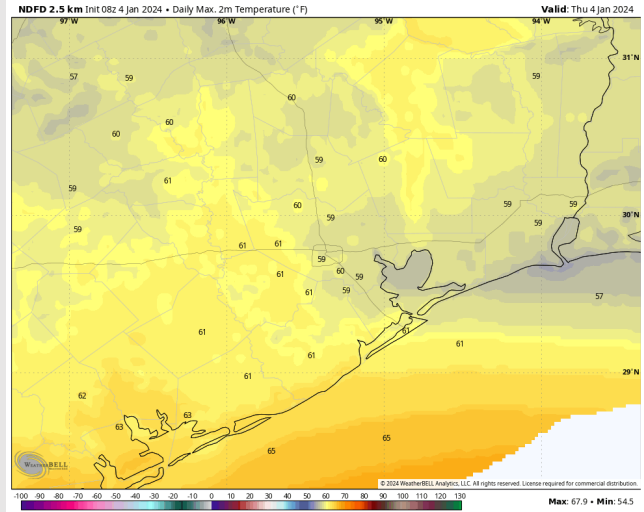
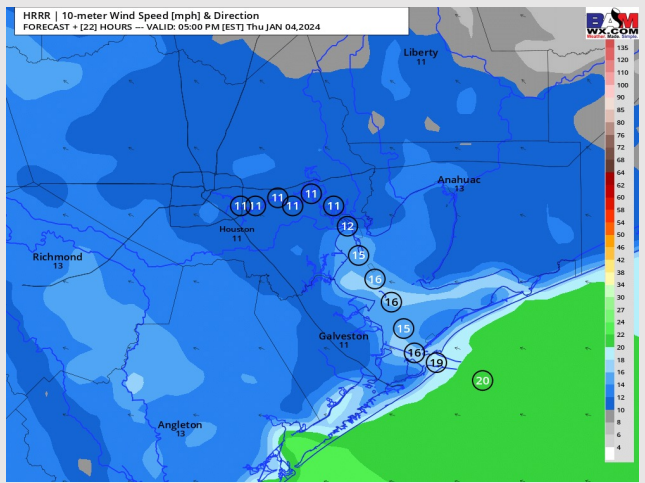
High Temps: **N of Morgan's Point:** Mid to upper 50s F. **S of Morgan's Point:** Lower 60s F.

Visibility: All fog continues to remain to the northwest of stations for this AM and is not anticipated to be a concern for the remainder of the day.

Precip Image: 11 AM CT



Wind Speed:
4 PM CT



High Temps
Thursday

Houston Pilots: Fri. 01/05/2024



Forecast Discussion

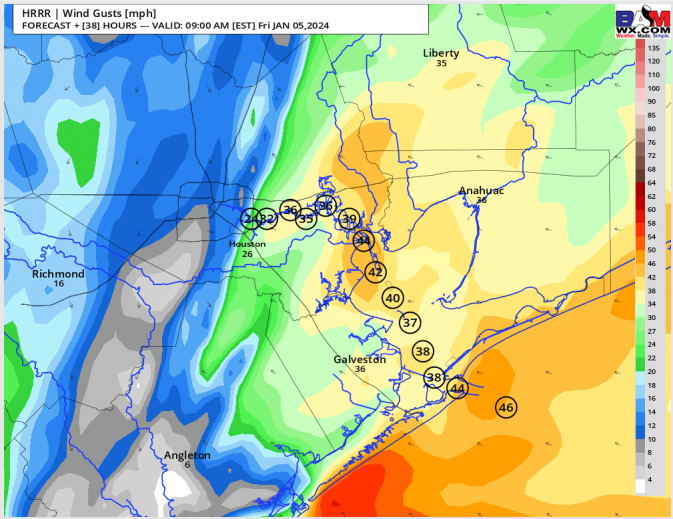
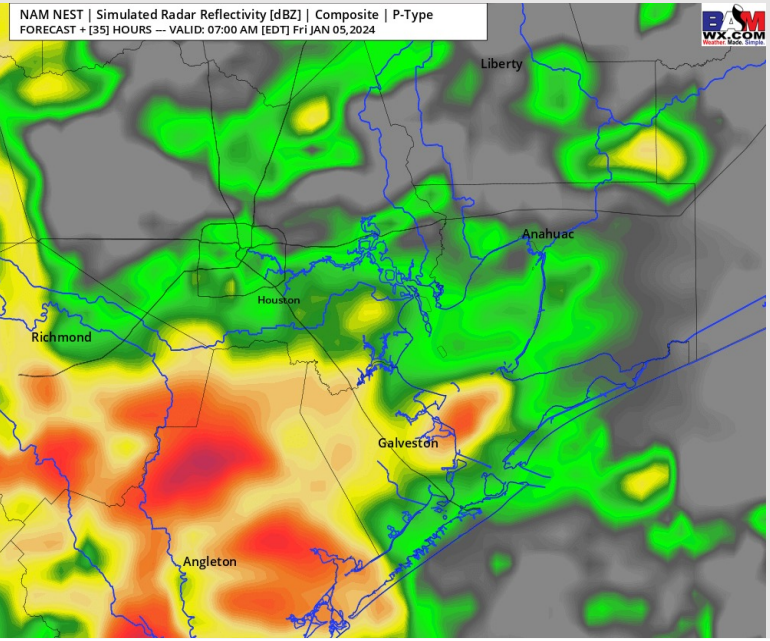
Precip: Favoring light drizzle to be possible between 12AM and 3AM for all stations. Rain showers/ storms will be possible from 4 AM – 10 AM. Favoring majority of rain / storm to exit no later than 12 – 1PM. Similar to the event from WED AM, strong gusts will be a possibility.

Wind: E/SE winds are expected through roughly 10 AM before winds being to shift out of the NW (lower confidence on wind shift timing). **N of Morgan's Point:** 8 -13 kts for most of the day with the exception of 5AM – 10AM when winds increase to 14 – 18 kts. Winds should calm to to 3 – 7 knots after 3 PM. **S of Morgan's Point:** Winds of 18 – 23 kts will be possible before winds calm down after 4 – 6 pm to 8 – 13 knots. **Sustained winds a touch higher towards the boarding station of 21 – 25 kts. Strong storm gusts of 40 – 50 kts can't be ruled out between ~6AM to ~10AM.**

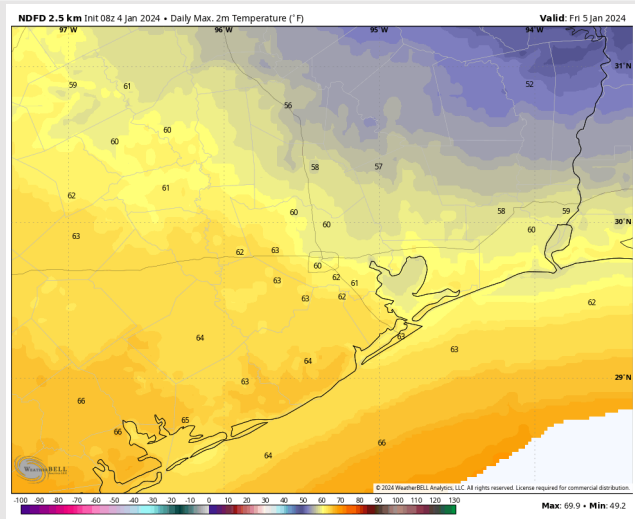
High Temps: **N of Morgan's Point:** Mid 60s F **S of Morgan's Point:** Mid 60s F

Visibility: Not favoring fog concerns at this time.

Precip Image: 6 AM CT



**Wind Gusts:
8 AM CT**



**High Temps
Friday**

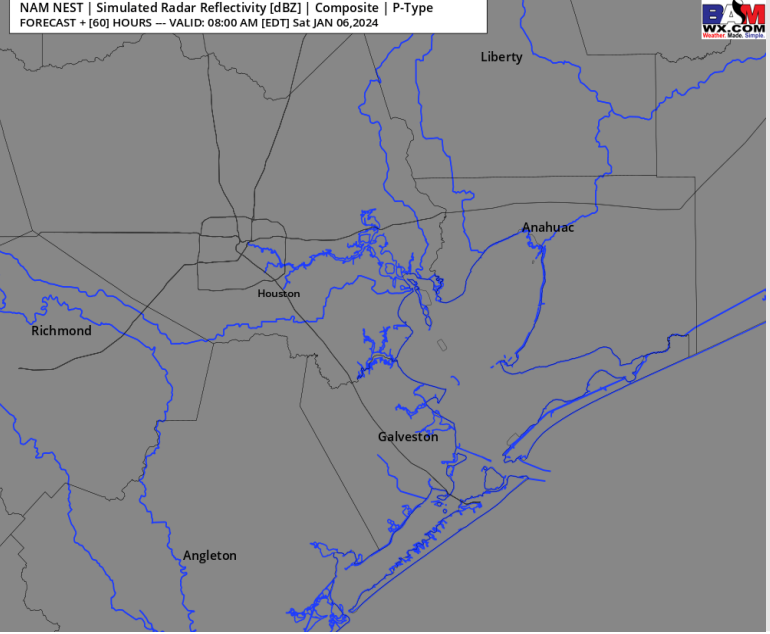
Houston Pilots: Sat. 01/06/2023



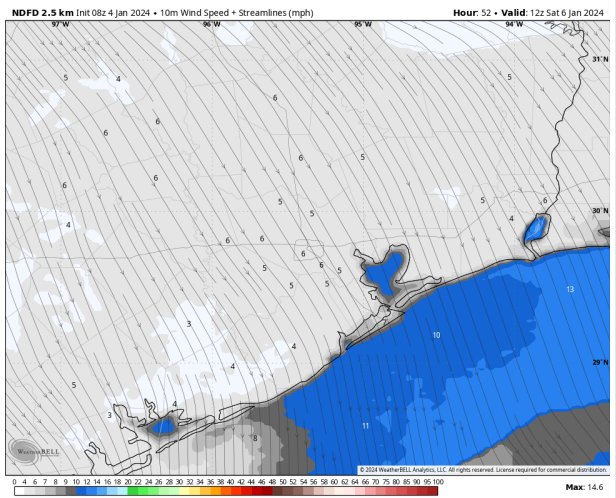
Forecast Discussion

- Precip:** Favoring dry conditions for Saturday.
- Wind:** Winds remain out of the north / northwest for Saturday. **N of Morgan's Point:** Winds calm to 3 – 6 knots for most of the day. **S of Morgan's Point:** Winds of 8 -12 kts through 2PM, before slightly weakening to 5 – 9 kts.
- High Temps:** **N of Morgan's Point:** Lower to mid 60s F. **S of Morgan's Point:** Lower 60s F
- Visibility:** Lower confidence in timing and coverage, but 1AM – 5AM patchy fog for all stations can't be ruled out.

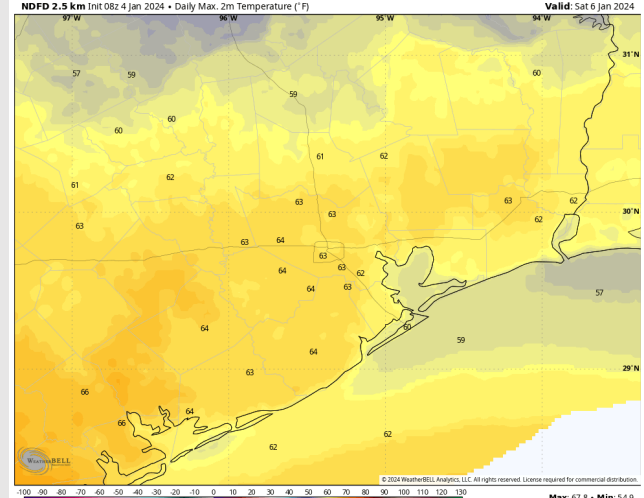
Precip Image: 7 AM CT



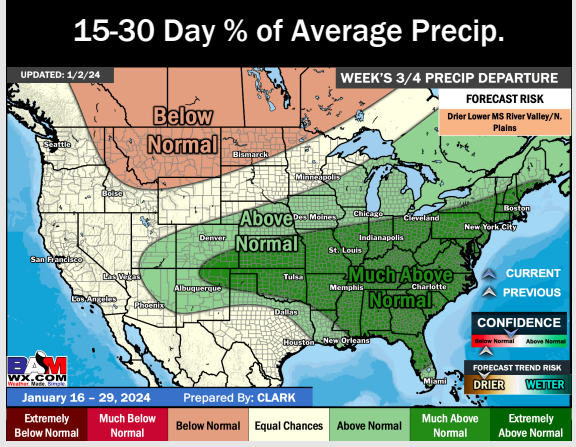
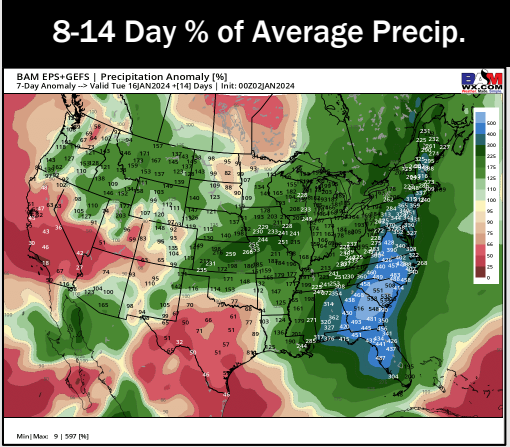
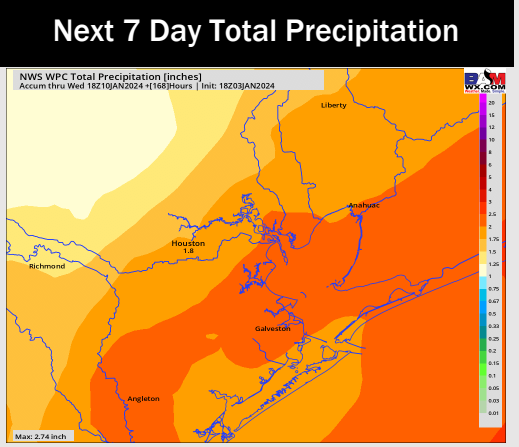
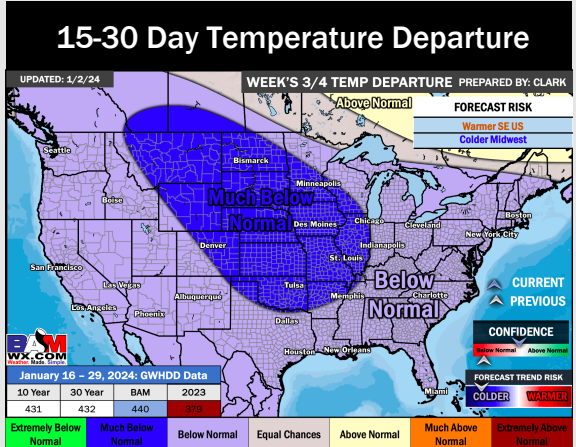
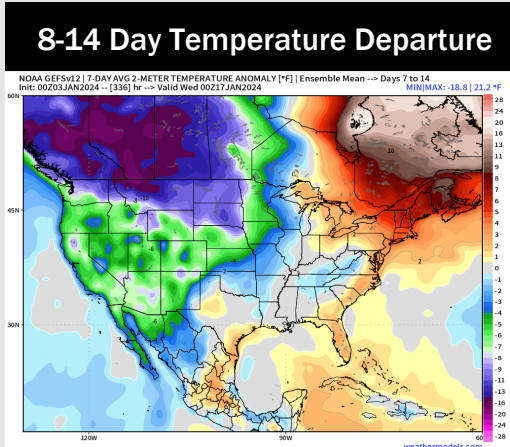
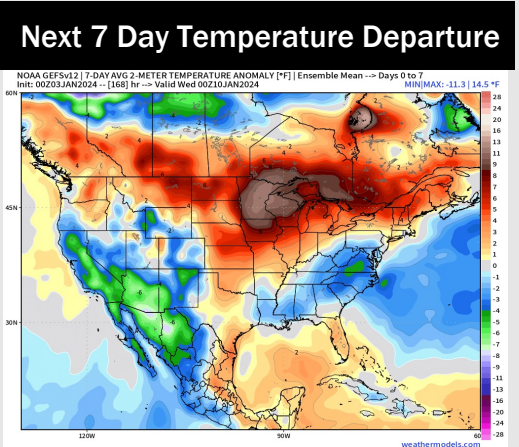
Wind Speed:
6 AM CT



High Temps
Saturday



Houston Pilots: 1/4/24



- Best opportunities for rain will be FRI AM and another on Monday. Some up and down temperatures will be possible this week.
- Periods of up and down temperatures likely continues into the week 2 timeframe with a colder risk. Versus the map above, there is a risk for things to trend wetter.
- Below normal temperatures and seasonal chances for precipitation are favored in the weeks 3/4 timeframe.