

Houston Pilots Forecast Package



Updated: 5:10 AM CT

Friday, January 6, 2023

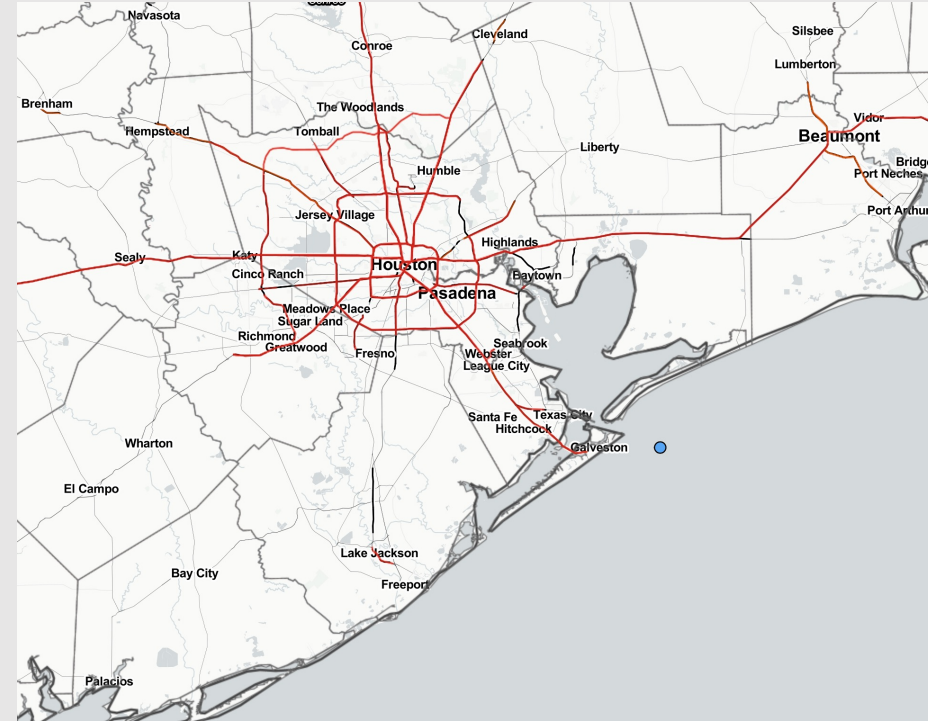
Forecaster: Alyssa McClung

Weather Headlines

➤ Favoring patchy fog reported west of stations this morning to stay west of stations (view the next slide for details).

➤ Favoring a dry today with next rain chance being SAT afternoon.

➤ Tonight and the during the day Sunday are two windows to watch for slightly elevated winds at the boarding station.



Radar/NWS Alerts: 5:00 AM CT



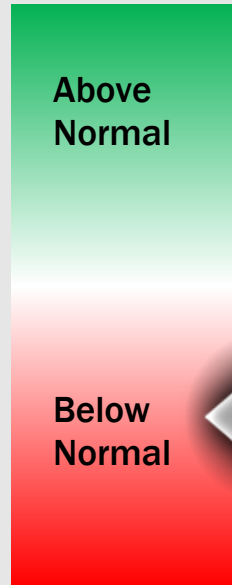
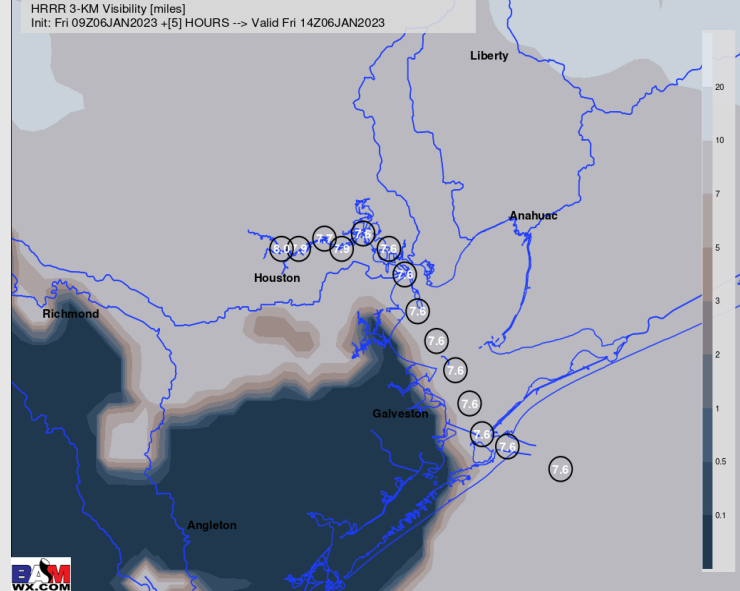
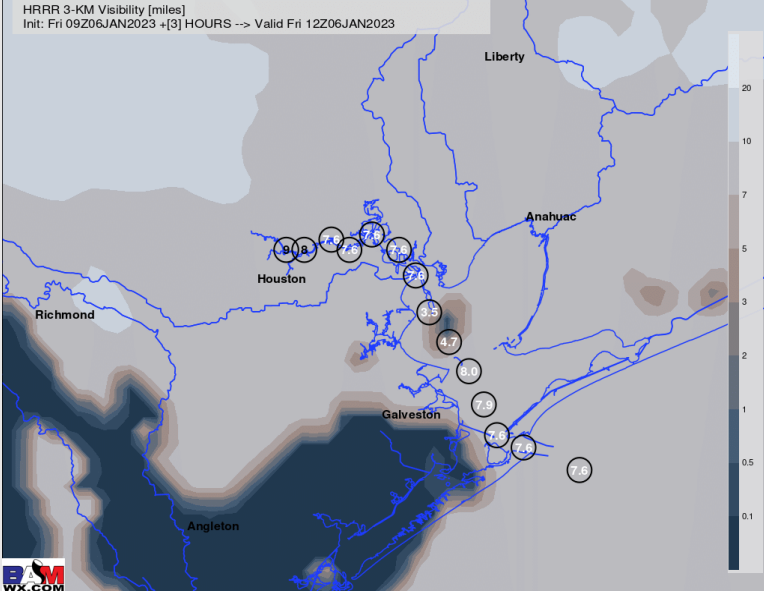
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



6 AM CT FRI VISIBILITY 8 AM CT FRI VISIBILITY

Confidence



TIME	THREAT
NOW - 10 AM FRI	LOW

- Dense fog with visibilities less than 0.5 miles reported **WEST** of stations this morning.
- While we overall anticipate fog to stay west, (due to southeast winds) there is a low end risk for isolated cases of patchy fog to move eastward impacting stations between Morgan's Point and 37/38.
- Favoring fog to that west of stations to begin to dissipate after 8 AM and no longer be a risk after 10 AM.
- Model images slightly overdone.

Houston Pilots Visibility Report

REDUCED VISIBILITY RISK – Today After Sundown Through Saturday Morning

- Model data continuing to struggle with this potential event; **however the threat cannot be completely ruled out as winds remain out of the SE creating more favorable conditions for sea fog.**
- The sea fog threat is for late this evening into early tomorrow morning and is favored to be patchy in nature and locally dense at times if developed.
- If fog occurs, favoring the threat to begin at the Boarding Station then gradually work into the Galv. Bay. Stations north of Morgan's Point would have a better chance to see fog Saturday AM.
- Low confidence on timing, coverage and likelihood of this sea fog risk.

THREAT

Low - Med

Confidence

Above
Normal

Below
Normal

Houston Pilots Extended Range Visibility Report



Monday 1/9/23

Winds will be from the NW in the AM hours but could begin to veer back from the SE by the late evening. Winds will not be SE long enough to bring enough moisture in for fog potential.



Tuesday 1/10/23

Winds out of the E/NE should keep fog risk at a minimum throughout the day on Tuesday.



Wednesday 1/10/23

Worth keeping eyes on Wednesday for a patchy fog risk. This does not look to be sea fog, but rather your typical "radiation" that would lift just after daybreak.



Chance for Reduced Visibility

Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely
Wednesday AM	Possible
Wednesday PM	Unlikely

Houston Pilots Visibility Report



Time	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	
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	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	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	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	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	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	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	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	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	10
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37/38	10	10	10	10	10	10	10	0.06	10	10	10	10	10	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	0.84	0.06	0.06	0.06	4	10	10	10	10	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	0.8	0.15	0.06	0.06	0.06	10	10	10	10	10	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	6	1	0.8	0.12	0.06	0.08	0.06	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Refer to the slides above for the official BAM thinking. The chart here is not 100% perfect.

Houston Pilots Wind Report



Example

Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13
G:18
N

Time Knots	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	
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	E	E	ENE	E	ESE	ESE	ESE	SE	SSE	SSE	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	S	S	S	S	
Kinder 1	4	3	3	3	3	3	4	5	5	6	8	9	10	10	10	8	8	7	7	7	7	7	6	5	5	4	4	3	3	4	5	5	7	7	7	8	
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	E	E	ENE	E	E	ESE	ESE	SE	SE	SSE	SSE	S	S	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	S	S	S	SSE	
Greens Bayou	3	3	3	4	4	3	4	5	6	6	7	9	9	10	8	8	8	8	8	7	8	7	7	6	5	5	4	4	3	3	4	5	7	7	7	8	
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Shell Crude	3	3	3	4	4	3	5	5	6	6	7	9	9	9	8	8	8	8	7	8	7	7	6	6	5	4	4	3	3	4	5	6	7	7	7	8	
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Lynchburg Ferries	3	3	3	4	4	3	5	5	6	7	8	9	9	9	7	8	8	8	8	8	8	8	7	6	5	5	4	4	4	4	5	6	7	7	7	8	
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Exxon 3	3	3	4	4	5	4	5	5	5	7	8	8	8	8	8	7	8	8	8	8	8	8	7	6	6	5	4	4	4	4	5	6	6	7	7	8	
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Morgans Point	4	4	5	5	5	4	5	4	4	5	6	8	9	9	8	9	9	9	9	9	9	9	8	7	7	6	5	4	4	5	6	6	7	7	8		
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1 & 2 Bravo	9	8	7	7	8	7	7	8	8	7	7	7	7	8	8	8	11	12	13	14	14	14	14	14	13	12	11	10	9	9	9	8	8	9	9		
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Houston Pilots: Fri. 1/6/2023



Forecast Discussion

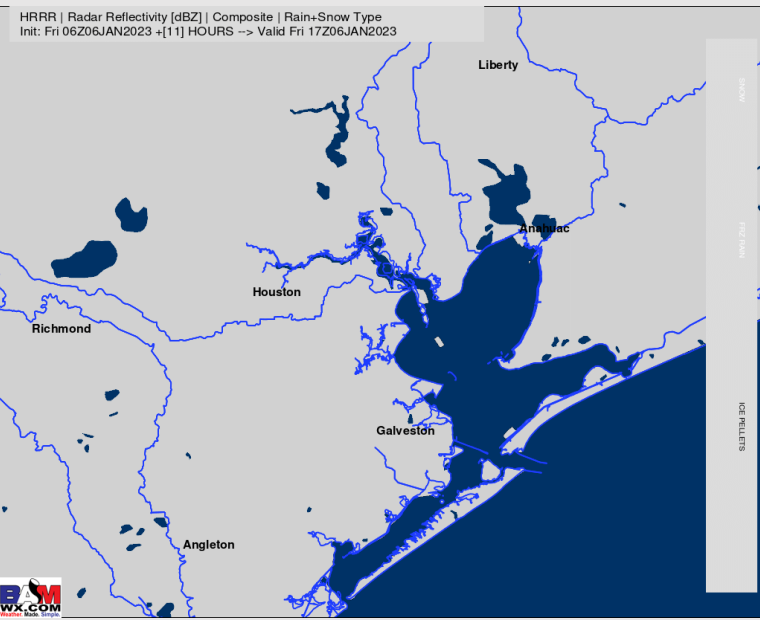
Precip: Expecting dry conditions for today

Wind: Winds will be sustained from the SE for the entire day with winds generally staying between 4 – 9 kts across all stations between 10 AM – 2 PM. After 2 PM winds will begin to gradually pick up to 10-15 kts. By 6 PM, winds south of Morgan’s Point will be 10 – 15 kts while winds north of Morgan’s Point remain 4 – 9 kts. (15 - 20 kts gusts possible).

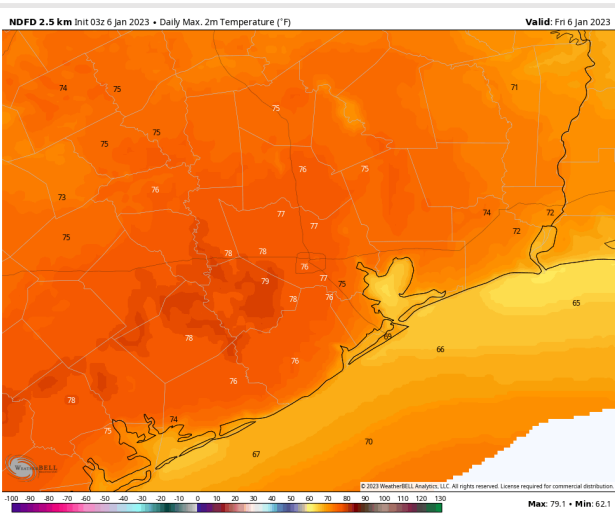
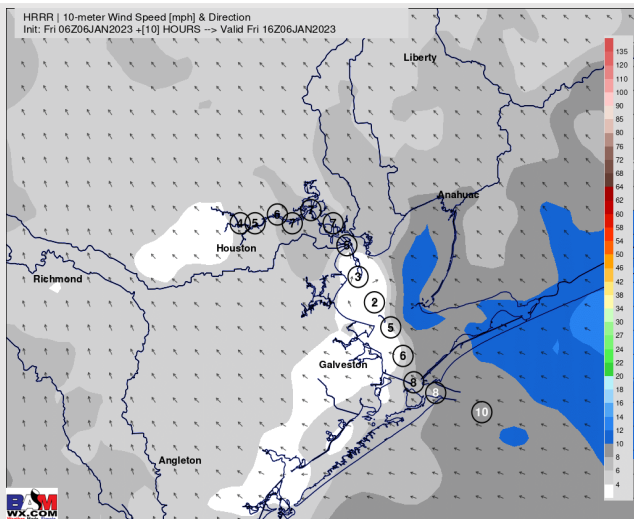
Temps: High temperatures today will be in the low 70s F North of Morgan’s Point and in the mid to upper 60s F South of Morgan’s Point.

Visibility: While fog is not expected for most of the day, we do need to watch post sundown for a increasing fog threat given persistent SE winds. This fog risk would continue into the AM hours of Saturday. (Check visibility report on slide 2 for more detail)

Precip Forecast: 11 AM CT



Wind Speed
10 AM CT



High Temps
Today

Houston Pilots: sat. 1/7/2023



Forecast Discussion

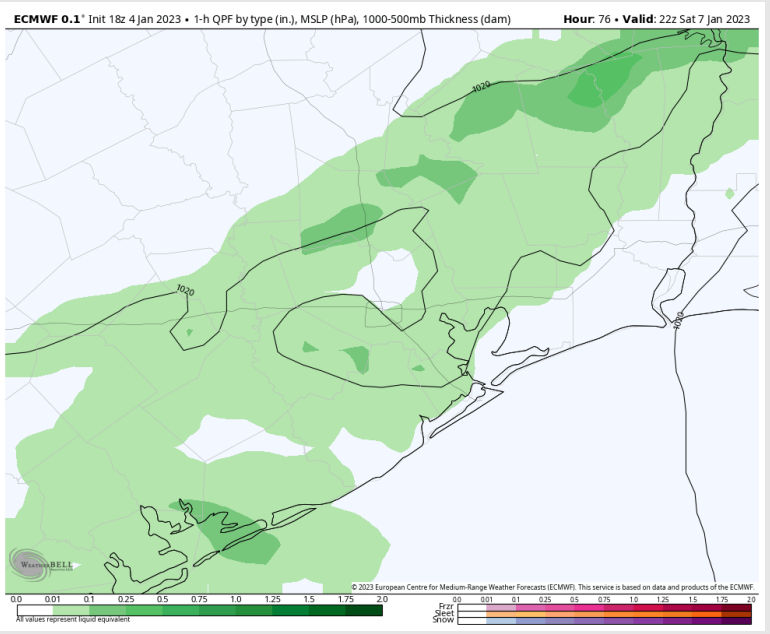
Precip: Dry conditions until 12 PM. After 12 PM, rain chances will increase to 20-40% as rain showers move into the area and will continue for the rest of the evening.

Wind: Winds will be sustained out of the S/SE during the AM hours, then shift to the NW by sundown. Wind speeds will be at 10-16 kts until 6 AM. After 6 AM, winds calm down to 7-12 kts and eventually 4-9 kts by 7 PM.

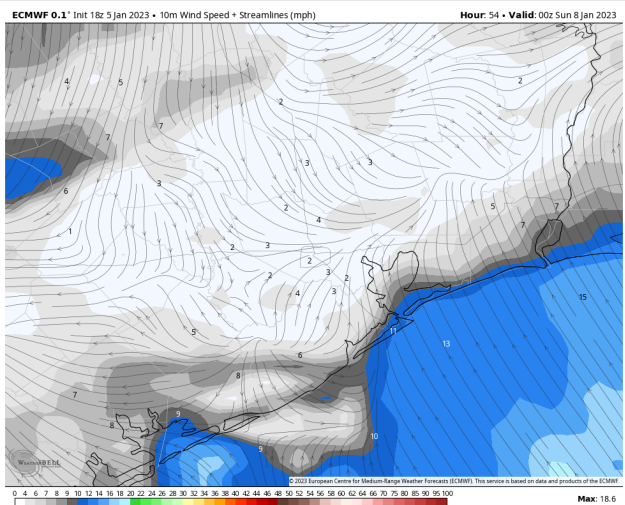
Temps: High temperatures Saturday will be in the mid to upper 60s F across all stations.

Visibility: The fog risk could possibly continue through the AM hours Saturday with persistent S/SE winds (check visibility report on slide 2). Rain is favored to work into the forecast which may help relieve the fog a bit here and there, but would still be dealing with reduced visibility (due to rain).

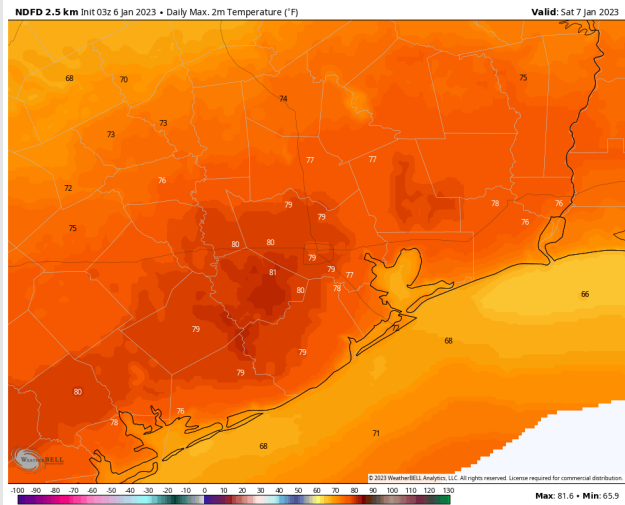
Precip Forecast: 4 PM CT



Wind Speed
6 PM CT



High Temps
Saturday



Houston Pilots: Sun. 1/8/2023



Forecast Discussion

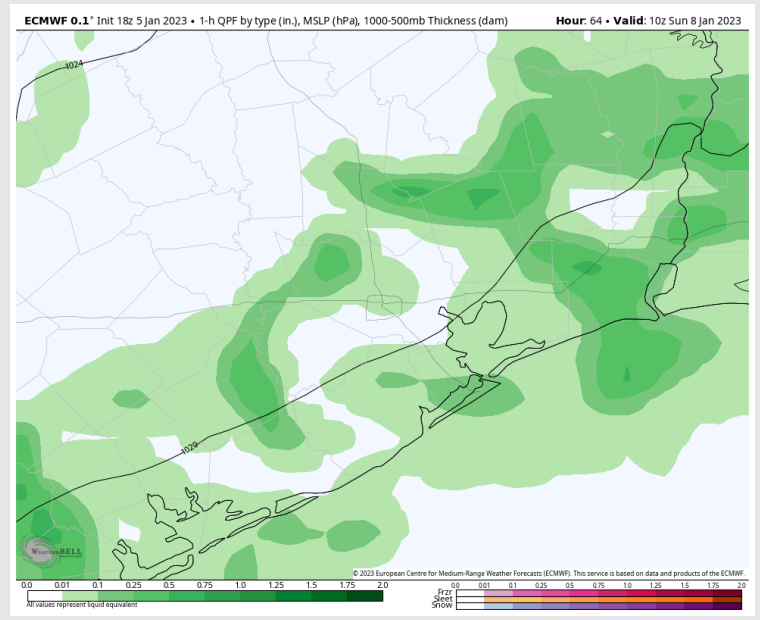
Precip: Favoring a 60-70% chance of rain showers early Sunday AM. After 8 AM CT, favoring rain chaces to decrease until 1 PM. After 1 PM, anticipating dry conditions for the rest of the day

Wind: Sustained winds will start out variable at 2-6kts early Sunday AM. After 5 AM, winds will shift to out of the NNE at 8-16 kts for the rest of the day.

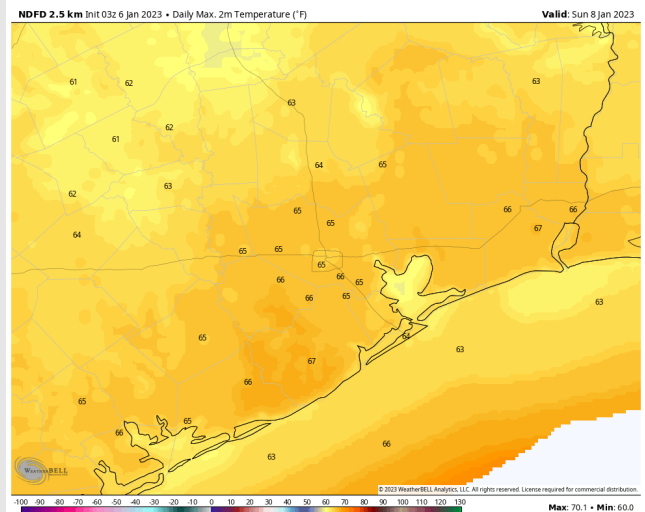
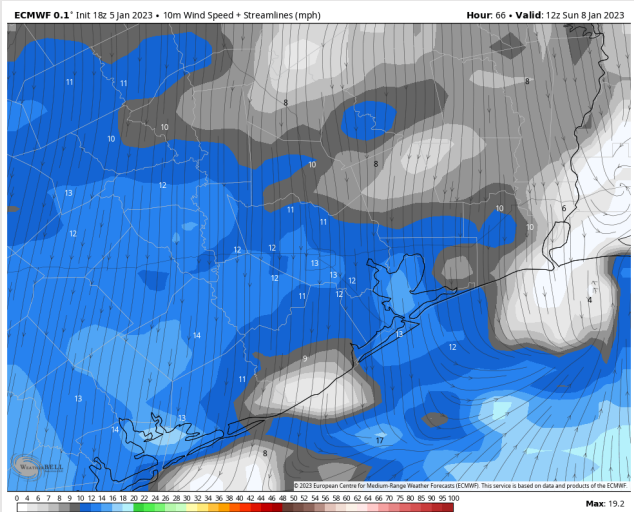
Temps: High temperatures Sunday in the lower 60s F across all stations.

Visibility: See Visibility Slide for Additional Details

Precip Forecast: 4 AM CT

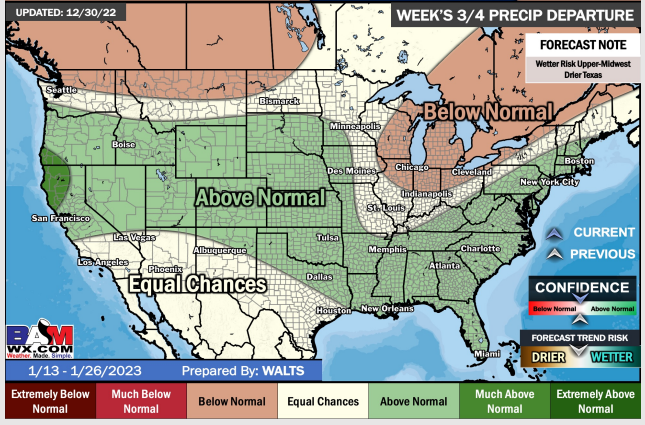
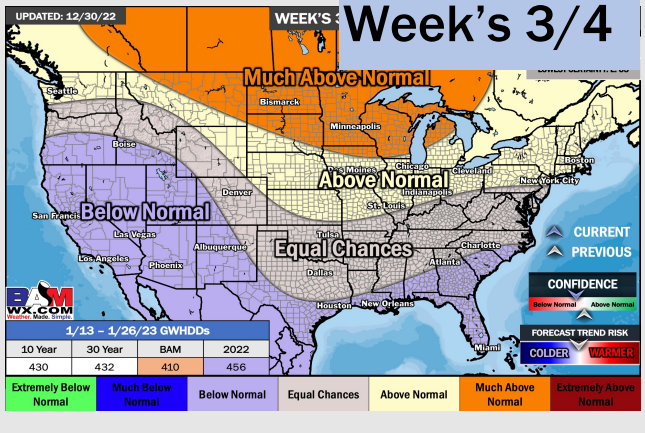
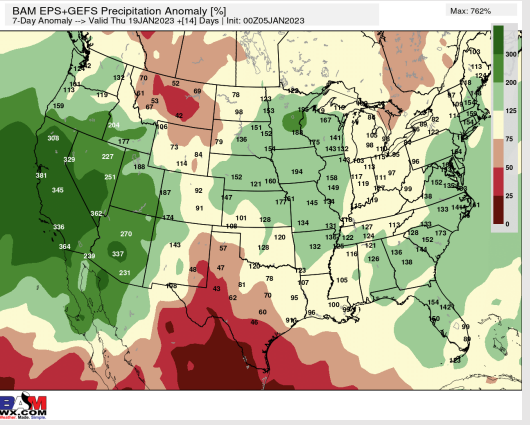
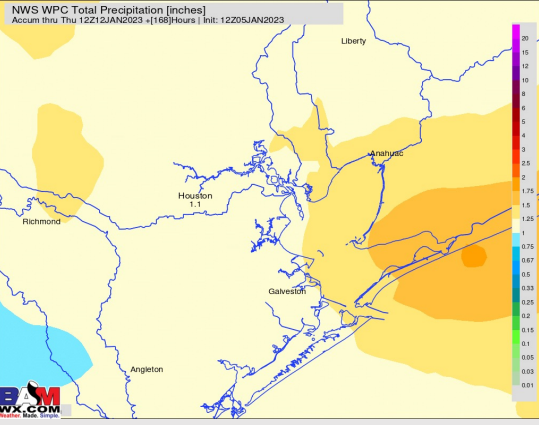
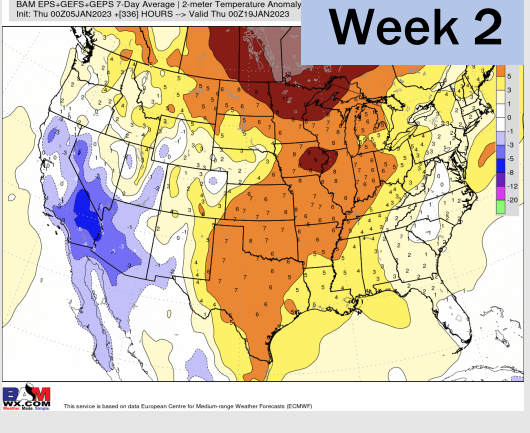
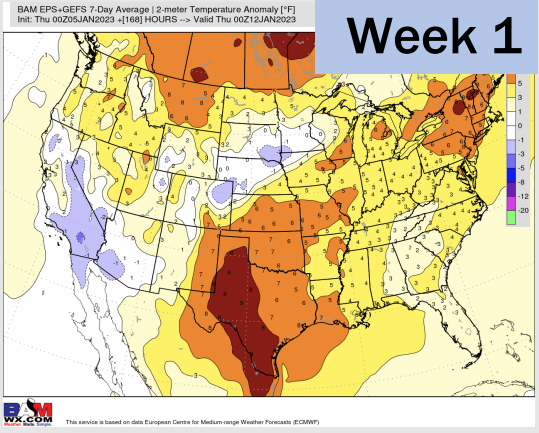


Wind Speed
6 AM CT



High Temps
Sunday

Houston Pilots: 1/6/23



- Expecting a drier end of the week. Eyeing Sunday – Tuesday for next shot of more widespread rains. Above average temps favored to continue.
- Week 2 precipitation is expected to be near normal for the week 2 timeframe. Temperatures are to be above normal.
- Near normal precip chances and cooler weather is expected in the weeks 3/4 timeframe.