

# Houston Pilots Forecast Package



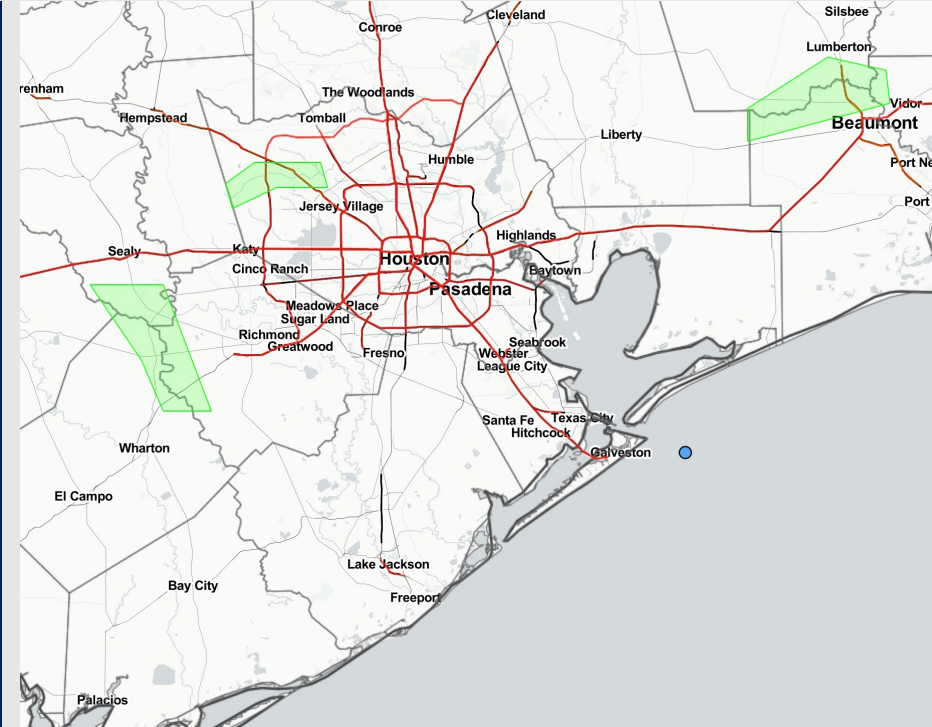
Updated: 1:20 PM CT

Friday, January 27, 2023

Forecaster: Alyssa McClung

## Weather Headlines

- Not anticipating a fog risk this evening and tomorrow AM. **Need to watch tomorrow PM into Sunday AM for next fog risk (view visibility report).**
- Anticipating a dry day today, with the next risk of rain being Saturday AM in scattered form. Better chance for rain Saturday evening.
- Favoring calmer winds in the 5 – 15 kt range today. Winds will pick up overnight into tomorrow AM and stay elevated throughout the day.



**Radar/NWS Alerts: 1:20 PM CT**



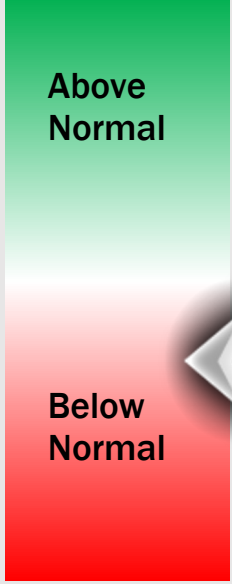
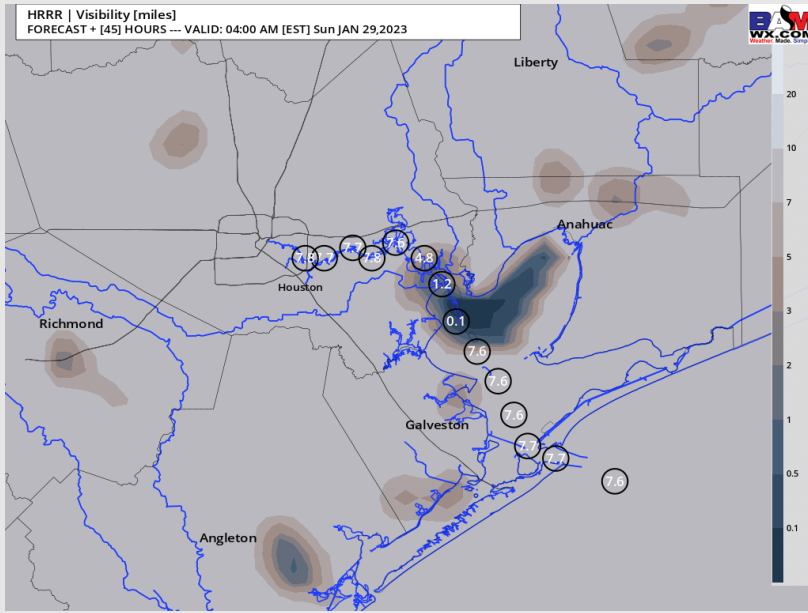
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report



## 3 AM SUN VISIBILITY

## Confidence



TIMEFRAME DISCUSSED	THREAT
9 PM SAT - 9 AM SUN	Low

- Low end risk for patchy fog development Sat. PM into Sun. AM as showers/storms work through the area. That being said, favoring heavy rain to be the main cause for reduced visibility.
- Favoring the area at “greatest risk” for fog development to be between stations 63/64 and Morgan’s Point (mainly for stations within the northern half of the Bay.)
- Any fog that develops could temporarily reduce visibility down to 3 - 5 miles.
- Lower confidence for likelihood of fog development as not all models show this threat.

# Houston Pilots Extended Range Visibility Report



## Monday 1/30/23

Calm winds Monday morning with plentiful low-level moisture will make fog likely for Monday. Towards the afternoon hours winds look to be from the ESE.



## Wednesday 2/1/23

Winds out of the E/NNE could allow for some sea fog on Wednesday



## Tuesday 1/31/23

Stronger winds during the day on Tuesday, but sea fog will still be a potential risk with winds coming from the S/SE.



## Chance for Reduced Visibility

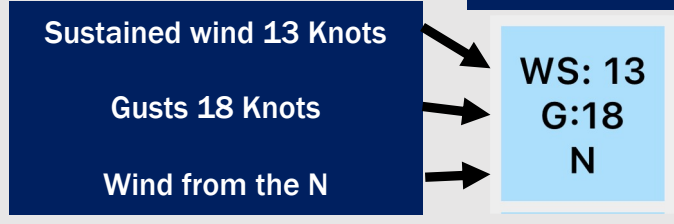
Monday AM	Possible
Monday PM	Possible
Tuesday AM	Possible
Tuesday PM	Possible
Wednesday AM	Possible
Wednesday PM	Possible



# Houston Pilots Wind Report



**Example**



Time Knots	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	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	
<b>610 Bridge</b>	4	3	3	3	5	6	5	4	4	4	5	4	5	7	4	10	11	11	11	13	13	14	15	17	17	18	16	16	17	16	15	15	15	16	15	14	
<b>Kinder 1</b>	7	7	4	6	7	10	12	12	11	10	12	11	12	15	11	16	17	17	19	20	22	23	26	26	27	25	25	25	24	23	22	22	24	23	21		
<b>Greens Bayou</b>	4	3	2	3	5	6	5	4	4	4	5	4	5	7	4	11	11	11	11	12	13	14	15	17	17	18	16	16	16	15	15	15	16	15	14		
<b>Shell Crude</b>	7	7	4	6	8	11	12	10	12	11	12	11	12	14	11	16	17	17	19	19	21	23	26	27	25	25	24	23	22	22	24	24	23	21			
<b>Lynchburg Ferries</b>	4	3	3	3	4	6	5	3	4	4	5	4	5	6	5	11	12	12	12	13	14	15	17	17	18	16	16	16	16	15	15	14	16	15	14		
<b>Exxon 3</b>	7	6	5	6	8	11	13	11	9	10	12	11	12	12	13	17	18	18	18	19	19	20	23	25	26	26	25	24	24	24	23	22	21	24	22		
<b>Morgans Point</b>	4	4	3	3	4	4	3	3	4	5	4	4	5	7	11	12	12	12	13	14	15	17	17	17	17	16	16	16	16	15	15	14	15	14	13	13	
<b>75/76</b>	8	8	6	7	9	10	11	11	10	14	13	14	14	16	16	17	18	19	19	20	19	20	21	24	25	24	24	23	22	21	19	18	18	17	17	14	
<b>63/64</b>	3	3	5	4	4	5	6	6	6	8	8	7	8	9	9	15	16	17	17	17	17	17	17	17	17	16	16	15	16	15	15	15	15	14	14	14	
<b>51/52</b>	8	6	6	6	9	11	11	11	12	13	12	12	13	15	15	17	17	18	20	21	21	22	22	24	25	25	24	23	20	20	18	17	16	16	16	16	
<b>37/38</b>	3	2	4	3	5	6	6	6	6	7	5	8	8	9	9	15	15	16	17	17	18	17	17	18	17	16	15	15	15	14	13	13	13	13	14	14	
<b>25/26</b>	7	6	6	6	9	10	12	13	13	14	14	14	15	16	16	17	17	17	17	17	17	17	17	17	17	17	16	15	15	14	14	14	13	13	12	13	13
<b>11/12</b>	5	5	5	5	7	8	8	9	8	8	8	10	10	11	11	14	15	15	16	17	17	17	17	17	17	17	16	15	15	14	14	13	13	13	13	13	13
<b>1 &amp; 2 Bravo</b>	7	7	8	7	8	10	11	12	12	12	13	12	14	13	14	17	18	18	19	19	20	21	19	19	18	18	16	16	16	16	16	15	15	15	15	14	14

# Houston Pilots: Fri. 1/27/2023



## Forecast Discussion

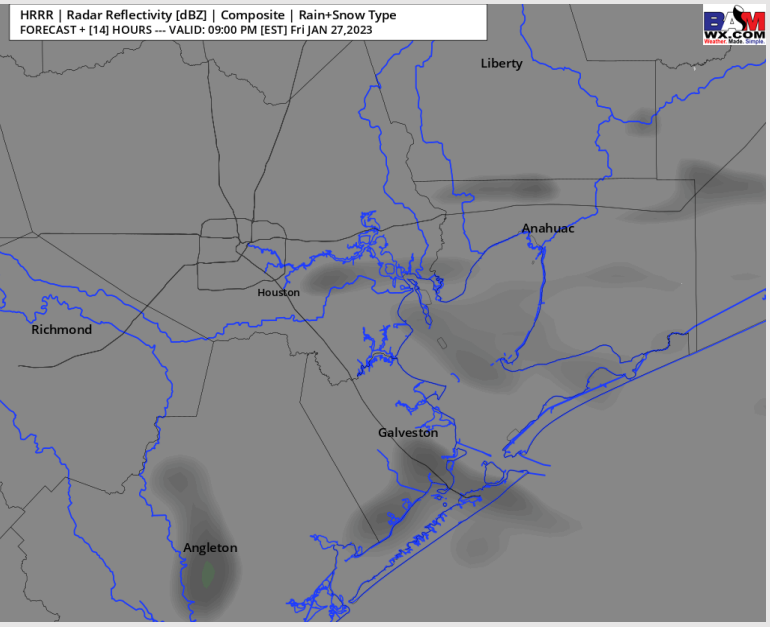
**Precip:** Favoring dry conditions today however cannot rule out a light drizzle nearing midnight.

**Wind:** Sustained winds out of the SE at 5-10 kts until 5 PM. After 5 PM, winds neat the Boarding Station will gradually increase to 10-15 kts. Nearing the 11 PM timeframe, winds S of Morgan’s Point will also pick up to 10-15 kts. Gusts of 25 MPH near the Boarding Station will be possible after 11 PM.

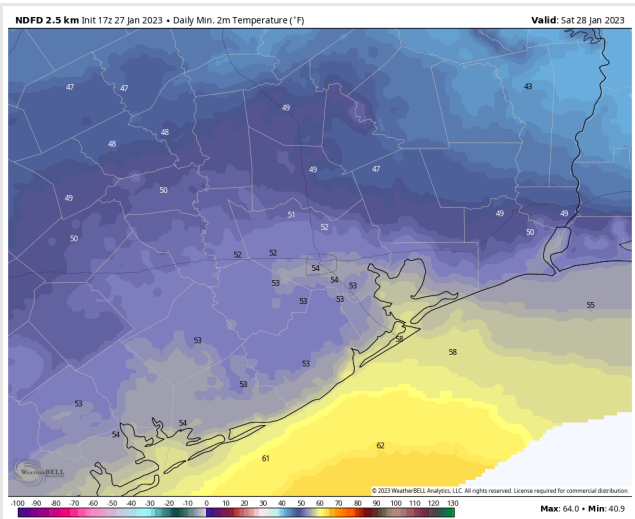
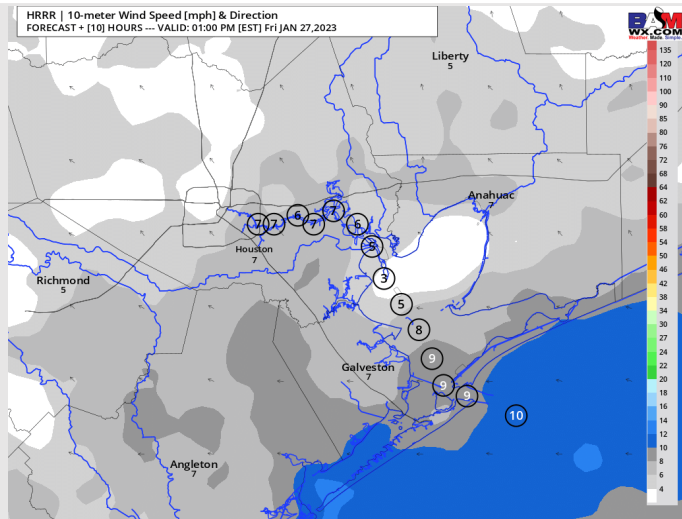
**Temps:** Favoring low temperatures Saturday morning to be in the upper 50s F near the Boarding Station and in the mid to low 50s F at all other stations.

**Visibility:** Not favoring a reduced visibility risk at this time.

## Precip Forecast: 8 PM CT



Wind Speed  
12 PM CT



High Temps  
Today

# Houston Pilots: Sat. 1/28/2023



## Forecast Discussion

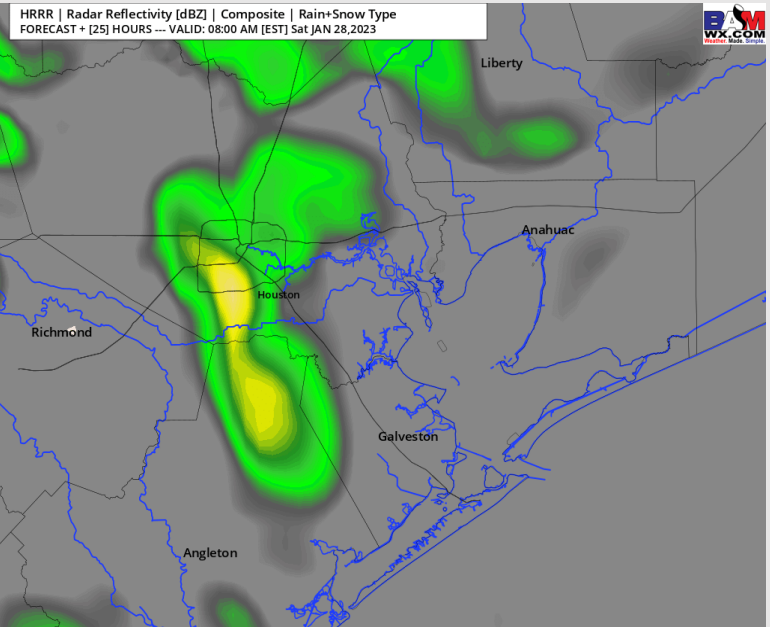
**Precip:** Starting around 2 AM, isolated rain showers will start to move into the area. These will be only 10-20% as favoring majority of showers favored to stay to the west. After 12 AM, chances increase to 60% as showers/storms become more widespread.

**Wind:** Sustained winds out of the SE throughout the day on Saturday. Winds will start out at 8-13 kts north of Morgan's Point and 13-18 kts south of Morgan's Point. Winds will increase to 13-18 kts at all stations from 11 AM to 5 PM, then decrease back to 8-15 kts north of Morgan's Point the rest of the evening. Wind gusts of 25+ kts will be possible from the 11AM to 5 PM timeframe as well.

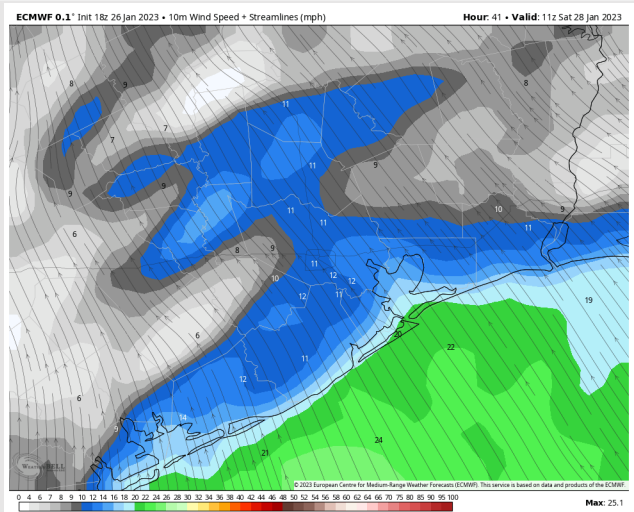
**Temps:** High temperatures will be in the mid 60s F to near 70 F on Saturday.

**Visibility:** Need to keep an eye on Saturday evening for potential fog development as winds shift out of the SE. Slightly reduced visibilities due to rain showers will be possible.

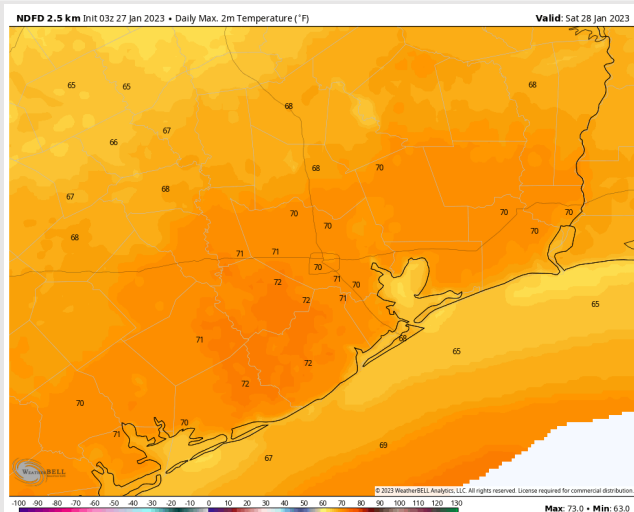
## Precip Forecast: 7 AM CT



Wind Speed  
5 AM CT



High Temps  
Saturday



# Houston Pilots: Sun. 1/29/2023

## Forecast Discussion

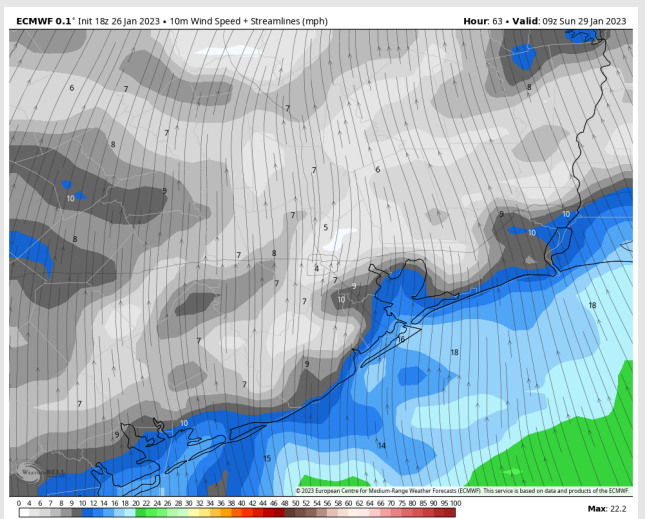
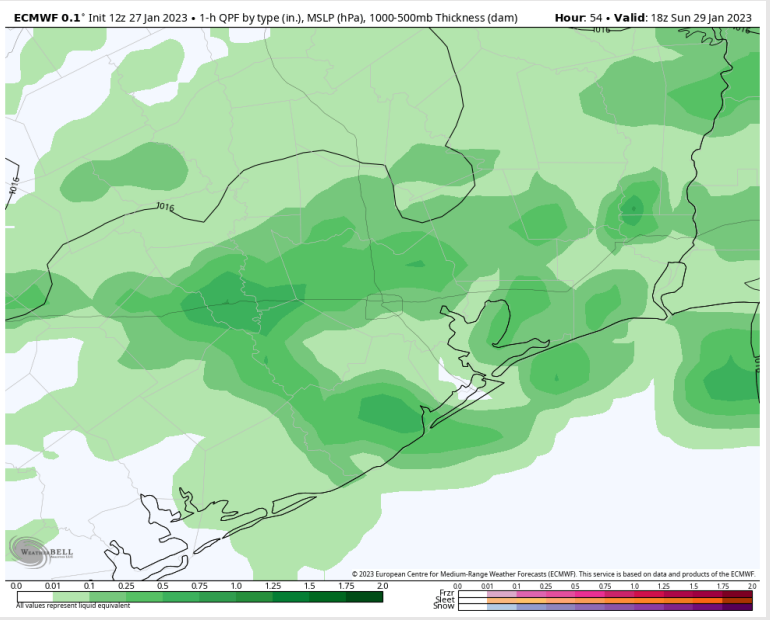
**Precip:** Starting at 12 AM, favoring a 70-80% for widespread rain showers to continue throughout the morning and into the evening hours until 6 PM Sunday. After 6 PM, favoring dry conditions for the rest of the day

**Wind:** Sustained winds will start out of the SSE Sunday morning until 5 PM. After 5 PM winds will shift to out of the NNW for the rest of the day. Winds at 8-14 kts during the AM hours for all stations until 4 AM. After 4 AM, winds will die down to 3-9 kts for all stations for the rest of the day.

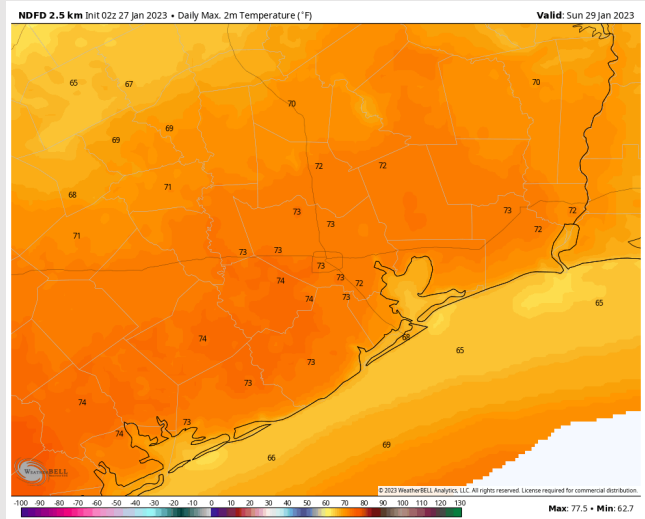
**Temps:** High temps Sunday in the mid 60s F across all locations.

**Visibility:** Rain showers will likely reduce visibilities at times. Low end risk for patchy fog mixing in. Sea fog risk Sunday evening due to southerly winds will be something to watch.

## Precip Forecast: 12 PM CT



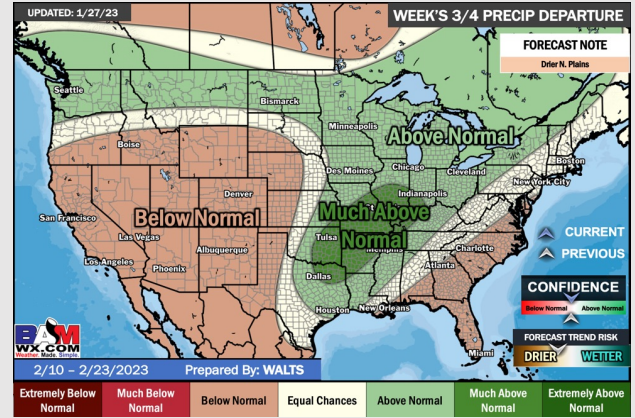
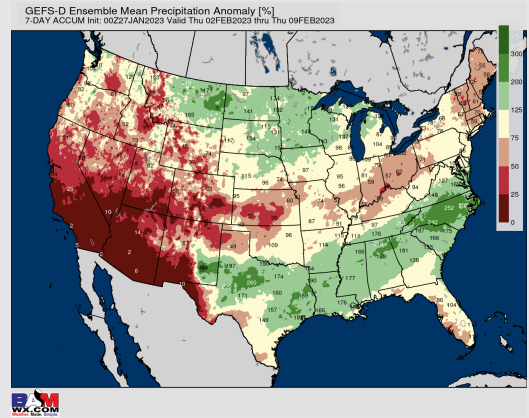
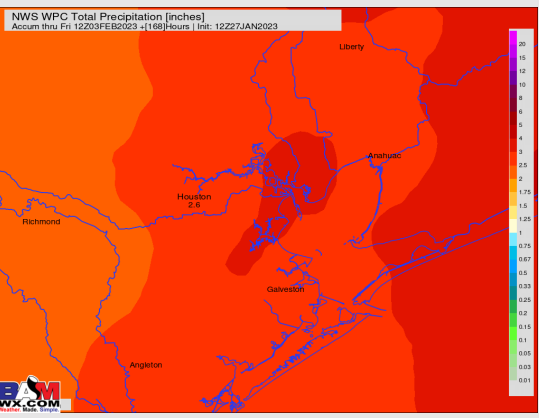
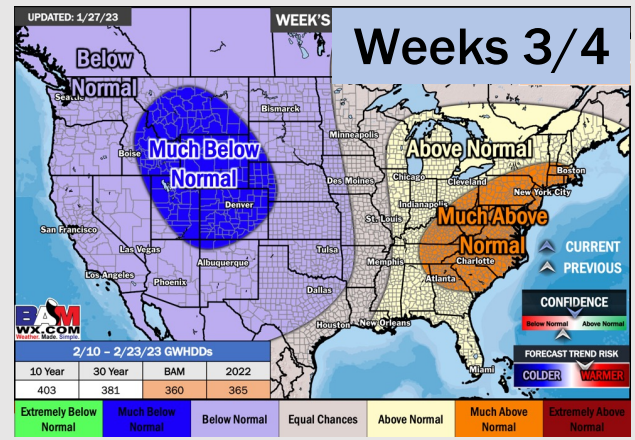
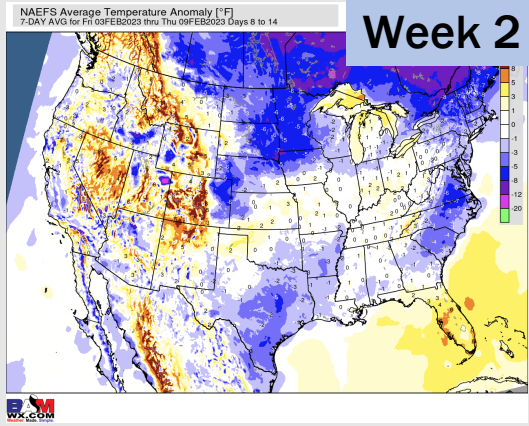
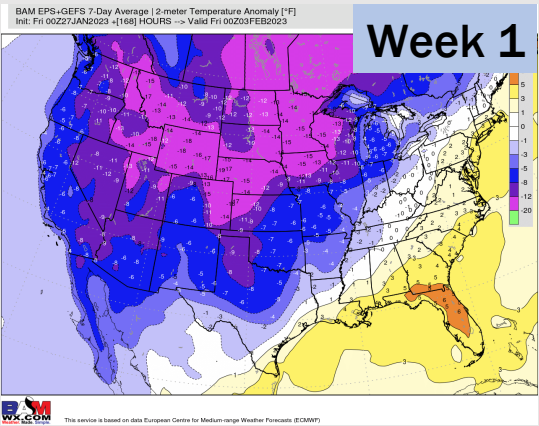
Wind Speed  
3 AM CT



High Temps  
Sunday



# Houston Pilots: 1/27/23



- Anticipating the next rain chances to come Saturday and continue into the early half of next week. Temps will be slightly above normal in the 1 week timeframe.
- Expecting above normal precipitation and below normal temperatures for the 2 week timeframe.
- Above normal precipitation chances and below normal temperatures expected in the weeks 3/4 timeframe.