# **Houston Pilots Forecast Package**

Updated: 5:00 AM CT

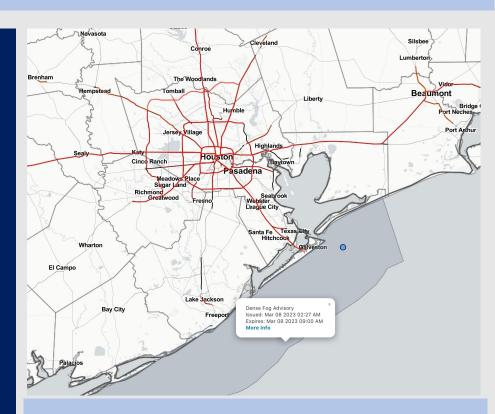
Wednesday, March 8, 2023

Forecaster: Alyssa McClung



### **Weather Headlines**

- Favoring mostly dry conditions over the next few days with low-end spotty shower chances across the area Friday.
- Sea fog chances will through the end of the week. Gradually warming water temps <u>may</u> aid in limiting this threat to more patchy vs. widespread.
- Winds will stay rather light over the next three
   days with ranges staying within 5 15 kts.
- No wave height concerns over the next ~5 days.



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**

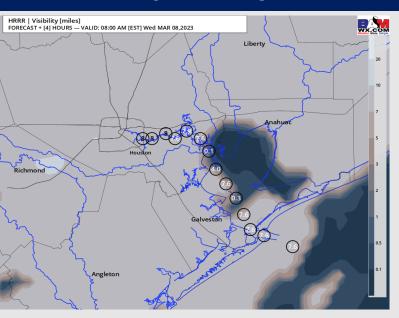


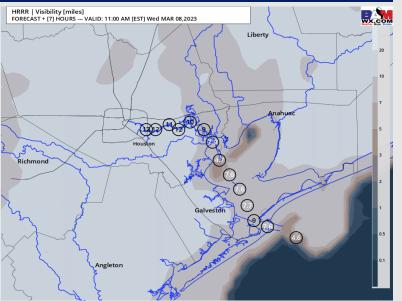


#### 7 AM CT WED VISIBILITY

#### **10 AM CT WED VISIBILITY**

#### Confidence







- TIMEFRAME THREAT
  DISCUSSED

  CURRENT 10 AM WED Medium
- ➤ Patchy fog / lowered visibilities expected to continue throughout the morning with the Boarding Station to station 25/26 seeing the greatest / most prolonged risk.
- ➤ All stations south of Morgan's Point will be at risk for periods of visibilities reduced to <1 mile. The thinking is that there likely will be breaks / visibilities 3 5 miles present through the early AM hours.
- ➤ Anticipating lowered visibilities to lift around the 9-10 AM timeframe today with risk continuing for the Boarding Station to station 25/26 throughout the day.

### **Houston Pilots Visibility Report**

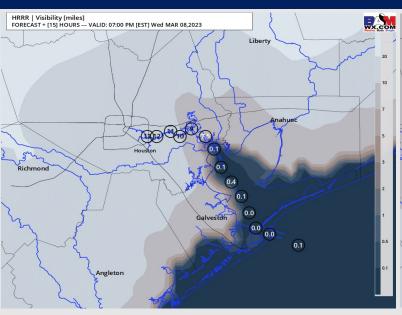


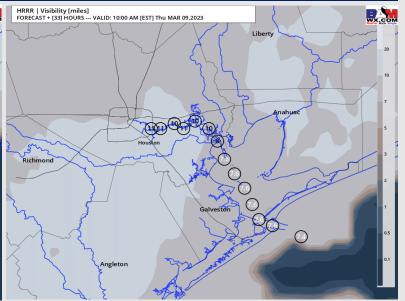


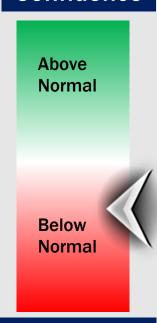
#### 6 PM CT WED VISIBILITY

#### 9 AM CT THU VISIBILITY

#### Confidence







TIMEFRAME DISCUSSED	THREAT
10 AM WED - 8 AM THU	Medium

- ➤ Favoring patchy sea fog to remain a risk for the Boarding Station and Station 25/26 throughout the day with the majority of widespread fog setting up further S into the Gulf. Nearing the 5 PM timeframe, anticipating the sea fog risk to begin to drift into the Bay, impacting stations from South to North
- ➤ All stations south of Morgan's Point will be at risk for periods of visibilities reduced to <1 mile. There likely will be breaks / visibilities 3 5 miles with the greatest fog risk coverage being between 8 PM and 6 AM Thursday.</p>
- ➤ Lower confidence for exact timing for fog to lift, but favoring 7 8
   AM.

#### **Houston Pilots Extended Range Visibility Report**





#### **Saturday 3/11/23**

Southerly winds through most of the day Saturday. Winds become more elevated towards the midnight timeframe. Low level saturation struggling to occur.

#### **Sunday 3/12/23**

SW/SSW winds throughout Sunday AM before shifting NW Sunday PM. Low level saturation is expected to continue to struggle to occur at this time.



#### Monday 3/13/23

Dry low levels make sea fog development unlikely.

# Above Normal Below Normal

#### **Chance for Reduced Visibility**

Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely

Above Normal Below Normal

# **Houston Pilots Visibility Report**







Refer to the text slides above for the official BAM forecast. The chart may not be seeing the fog threat well.

Time		Wed 3am		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 11pm		Thu 1am	Thu 2am	Thu 3am			Thu 6am		Thu 8am	Thu 9am			Thu 12pm	Thu 1pm
610 Bridge	6	5	5	4	3	2	5	7	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	4	3	0.72	0.48	0.48	0.48	0.48	3	9	10	10	10	10
Kinder 1	6	5	5	4	3	2	5	7	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	4	3	1	2	2	2	2	4	9	10	10	10	10
Greens Bayou	5	5	5	4	3	2	4	8	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	4	3	2	4	4	4	4	6	9	10	10	10	10
Shell Crude	5	4	3	3	3	2	3	7	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	4	3	5	8	8	8	8	8	9	10	10	10	10
Lynchburg Ferries	5	4	3	3	3	2	4	8	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	4	3	5	8	8	8	8	8	9	10	10	10	10
Exxon 3	4	4	3	3	2	2	3	7	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	4	3	5	8	8	8	8	8	9	10	10	10	10
Morgans Point	4	3	3	2	2	2	3	7	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	4	5	7	8	8	8	8	8	9	10	10	10	10
75/76	2	3	2	2	2	2	3	6	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	3	6	8	8	8	8	8	8	9	10	10	10	10
63/64	2	2	2	1	2	1	3	6	10	10	10	10	10	10	10	10	10	10	10	9	8	8	8	5	8	8	8	8	8	8	8	9	10	10	10	10
51/52	1	0.72	0.32	0.24	1	1	2	5	8	10	10	10	10	10	10	10	10	10	9	8	8	8	8	6	8	8	8	8	8	8	8	9	9	10	10	10
37/38	0.43	0.24	0.24	0.24	0.24	0.61	1	4	7	9	10	10	10	10	10	10	10	10	8	8	8	8	7	7	8	8	8	8	8	8	8	9	9	10	10	10
25/26	0.24	0.24	0.24	0.24	0.24	0.24	0.24	4	7	8	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	7	9	9	10	10
11/12	0.24	0.24	0.24	0.24	0.24	0.24	0.24	4	7	8	8	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	7	9	9	9	9
1 & 2 Bravo	0.24	0.24	0.24	0.24	0.24	0.24	0.24	4	7	7	8	9	9	8	10	10	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	8	8	8

## **Houston Pilots Wind Report**







Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

Example

WS: 13

G:18

N

Time Knots	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 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am		Thu 1pm
610 Bridge	5 17 SSE	2 13 S	3 12 S	5 11 S	4 11 S	3 8 S	2 9 SSW	3 9 S	5 8 S	4 8 S	4 6 S	4 6 S	4 6 SSE	8 10 ESE	9 12 ESE	10 12 SE	10 12 SSE	9 12 SSE	7 11 SSE	7 10 SSE	7 10 SSE	6 10 SSE	7 10 SSE	6 10 SSE	6 10 SSE	6 10 SSE	6 8 SSE	6 9 SSE	5 8 SSE	5 8 SSE	6 9 SSE	7 11 S	8 11 S	9 12 S	9 13 S	10 12 S
Kinder 1	5 17 SSE	2 13 SSE	3 12 S	5 11 S	5 11 S	3 8 SSW	2 9 SSW	3 10 S	5 8 S	4 8 S	4 6 S	4 6 SSE	5 7 SE	9 12 ESE	9 13 ESE	10 12 SE	10 12 SSE	8 12 SSE	7 11 SSE	7 10 SSE	7 10 SSE	6 10 SSE	7 10 SSE	6 10 SSE	6 10 SSE	6 10 SSE	6 8 SSE	6 8 SSE	5 8 SSE	5 8 SSE	6 9 SSE	7 11 S	8 11 S	9 12 S	9 12 S	10 12 S
Greens Bayou	4 17 SSE	2 13 SSE	3 12 S	4 11 S	5 11 S	4 8 S	2 9 SSW	2 9 S	5 8 S	4 8 SSE	4 7 SSE	5 8 SE	7 9 SE	9 12 SE	9 13 SE	10 12 SE	10 12 SSE	8 12 SSE	7 11 SSE	7 10 SSE	6 10 SSE	6 9 SSE	6 10 SSE	6 10 SSE	6 10 SSE	6 10 SSE	6 9 SSE	6 8 SSE	5 8 SSE	5 8 SSE	6 9 SSE	7 11 S	8 11 S	9 12 S	9 12 S	10 12 SSE
Shell Crude	5 17 SSE	3 13 S	3 12 S	3 11 S	5 12 S	3 9 SSW	2 9 SW	2 9 S	5 8 SSE	5 8 SSE	5 7 SE	6 9 SE	8 10 SE	10 12 SE	10 14 SE	11 12 SE	10 12 SSE	8 12 SSE	7 11 SSE	7 10 SSE	6 10 SSE	6 9 SSE	6 10 SSE	7 10 SSE	7 10 SSE	6 10 SSE	6 9 SSE	6 8 SSE	5 8 SSE	5 8 SSE	6 9 SSE	7 11 S	8 11 S	9 11 S	9 12 SSE	10 12 SSE
Lynchburg Ferries	5 17 SSE	3 12 S	3 11 S	2 11 S	5 12 S	4 8 SSW	2 9 SSW	2 9 SSE	4 8 SSE	5 8 SSE	6 8 SE	7 9 SE	8 9 SE	9 12 SE	10 13 SE	11 13 SSE	10 13 SSE	9 12 SSE	8 11 SSE	7 10 SSE	7 10 SSE	6 9 SSE	6 10 SSE	7 10 SSE	6 10 SSE	6 9 SSE	6 9 SSE	5 8 SSE	5 8 SSE	5 8 SSE	6 8 SSE	7 11 S	8 11 S	9 11 S	10 12	10 12 SSE
Exxon 3	7 17 SSE	3 13 S	2 11 S	2 10 SSE	5 12 S	3 8 SSW	2 7 SSW	2 8 SSE	4 9 SSE	5 9 SSE	6 8 SE	7 9 SE	8 10 SE	9 12 SE	10 14 SE	11 13 SSE	10 13 SSE	9 12 SSE	8 11 SSE	7 10 SSE	7 10 SSE	6 9 SSE	6 9 SSE	7 10 SSE	6 9 SSE	6 9 SSE	6 8 SSE	5 8 SSE	5 8 SSE	5 8 SSE	6 9 SSE	7 10 SSE	8 11 S	9 11 S	10 12	11 12 SSE
Morgans Point	7 18 S	2 13 S	1 9 ESE	2 9 SE	4 12 SSE	3 8 SSE	1 5 SE	4 7 SE	4 8 SE	4 9 SE	6 8 SE	7 9 SE	9 11 SE	10 14 SE	11 16 SE	12 14 SSE	11 13 SSE	10 12 SSE	9 12 SSE	8 10 SSE	7 10 SSE	7 9 SSE	7 9 SSE	7 9 SSE	7 9 SSE	7 9 SSE	6 8 SSE	6 8 SSE	6 8 SSE	6 8 SSE	7 9 SSE	8 10 SSE	8 11 S	9 11 SSE	10 12 SSE	11 13 SSE
75/76	8 18 S	3 13 S	1 8 E	2 8 ESE	4 12 SE	2 7 ESE	3 5 ENE	5 6 E	4 7 E	5 8 ESE	6 8 ESE	8 10 ESE	11 14 SE	12 17 SE	12 17 SE	13 15 SSE	13 14 SSE	11 13 SSE	10 12 SSE	9 10 SSE	8 10 SSE	8 9 SSE	8 9 SSE	7 9 SSE	7 9 SSE	7 9 SSE	7 8 SSE	6 8 SSE	7 8 SSE	7 8 SSE	8 9 SSE	8 10 SSE	9 11 SSE	9 12 SSE	10 12 SSE	12 13 SSE
63/64	9 17 S	5 13 S	2 8 SSE	1 7 SE	4 11 SE	2 6 ESE	4 4 ENE	4 5 E	4 6 E	5 7 ESE	5 8 ESE	8 10 ESE	12 14 SE	13 17 SE	12 17 SE	13 14 SSE	12 14 SSE	11 12 SSE	10 11 SSE	9 10 SSE	8 9 SSE	8 9 SSE	8 9 SSE	7 9 SSE	7 8 SSE	7 8 SSE	7 8 SSE	6 7 SSE	7 8 SSE	7 8 SSE	8 9 SSE	8 9 SSE	9 11 SSE	9 11 SSE	10 12 SSE	12 13 SSE
51/52	9 17 S	7 14 S	3 8 SSW	1 8 S	3 11 SSE	2 4 E	4 4 ENE	4 5 E	4 6 E	4 7 ESE	5 7 ESE	8 10 SE	10 12 ESE	12 15 SE	12 15 SE	12 13 SE	11 12 SSE	10 11 SSE	9 10 SSE	8 9 SSE	8 9 SSE	8 9 SSE	8 9 SSE	7 8 SSE	7 8 SSE	7 8 SSE	6 8 SSE	6 7 SSE	7 8 SSE	7 8 SSE	8 8 SSE	8 9 SSE	9 10 SSE	9 11 SSE	10 12 SSE	11 13 SSE
37/38	9 16 S	7 14 S	4 9	2 10 SSW	3 10 SSE	2 3 E	3 4 NE	4 4 ENE	5 7 ESE	4 6 ESE	6 7 SE	8 9 SE	9 10 SE	10 12 SE	11 14 SE	10 11 SE	10 11 SE	9 10 SSE	8 9 SSE	7 8 SSE	8 9 SSE	8 9 SSE	7 9 SSE	7 9 SSE	7 9 SSE	7 8 SSE	6 7 SSE	6 7 SSE	6 8 SSE	6 8 SSE	7 8 SSE	8 9 SSE	8 10 SSE	9 11 SSE	10 11 SSE	10 12 SSE
25/26	8 15 S	7 13 S	4 10 SSW	4 11 SSW	4 10 S	1 3 E	2 3 ENE	3 4 E	5 7 ESE	4 5 ESE	6 7 SE	6 7 SE	7 8 SE	8 10 ESE	10 12 SE	9 10 SE	9 10 SE	8 9 SE	7 9 SE	7 8 SE	7 9 SE	8 9 SSE	7 9 SSE	7 9 SSE	7 9 SSE	7 9 SSE	6 8 SSE	5 7 SSE	6 8 SSE	6 8 SSE	7 8 SSE	7 9 SSE	8 9 SSE	9 10 SSE	9 10 SSE	10 11 SSE
11/12	9 15 S	7 13 S	5 11	5 12 SSW	4 10 SSW	2 4 E	2 3 ENE	4 5 E	4 6 E	4 5 ESE	5 7 ESE	5 6 SE	5 7 ESE	7 9 ESE	9 11 ESE	9 10 SE	8 10 SE	8 9 SE	8 9 SE	7 9 SE	8 9 SE	8 9 SE	8 10 SE	8 10 SSE	8 9 SSE	7 9 SSE	6 8 SSE	6 7 SSE	6 8 SSE	7 8 SSE	7 8 SSE	7 9 SSE	8 9 SSE	8 9 SSE	9 10 SSE	9 10 SE
1 & 2 Bravo	11 16 SSE	9 14 S	7 12 S	7 13 S	5 11 SSW	1 3 E	4 4 ENE	7 9 E	5 6 ESE	5 7 ESE	6 7 SE	4 6 ESE	4 6 E	7 8 E	8 9 ESE	9 10 SE	10 11 SE	10 10 SE	9 10 SE	9 10 SE	9 10 SE	9 10 SE	9 10 SE	9 10 SE	9 10 SSE	8 10 SSE	8 9 SSE	8 8 SSE	8 9 S	8 9 SSE	8 9	8	8 10 SSE	8 9 SSE	8 9 SSE	8 10 SE

### Houston Pilots: Wed. 3/8/2023





#### **Forecast Discussion**

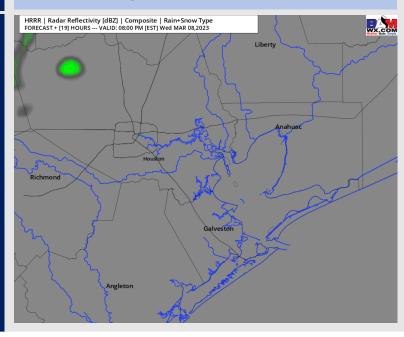
**Precip:** Favoring dry conditions throughout the day today.

Wind: Sustained winds will be out of the SE all day. Winds will be at 5 – 11 kts across all stations through ~5 PM before becoming 8-13 knots sustained. Gusts of 15-20 knots possible after 6 PM.

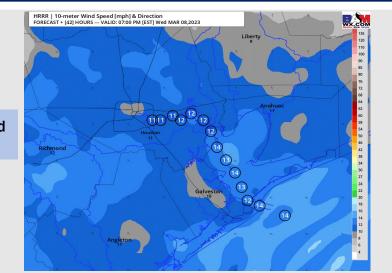
Temps: High temperatures Wednesday will be in the mid to lower 70s F stations south of Morgan's Point and near 80s F for stations north of Morgan's Point.

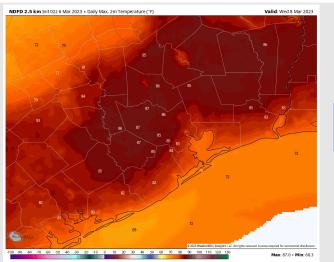
Visibility: Patchy sea fog threat continues to remain possible throughout the morning with risk redeveloping into the evening as well. Please view visibility report for more details.

#### **Precip Forecast: 7 PM CT**



Wind Speed 5 PM CT





High Temps Today

### Houston Pilots: Thu. 3/9/2023





#### **Forecast Discussion**

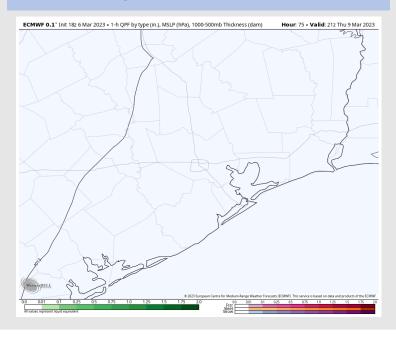
**Precip:** Anticipating dry conditions throughout the day Thursday.

Wind: Winds will generally be out of the SE - SSE. Winds will primarily stay within 4 – 10 kts for stations north of Morgan's Point and 8 -13 kts for stations south of Morgan's Point through out the day Thursday. There will be a brief window of 20 kts gusts for stations north of Morgan's Point from 12 - 4 PM.

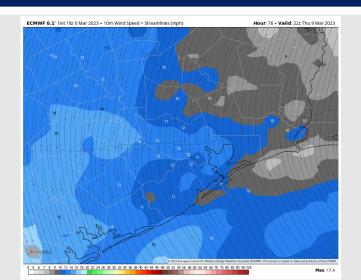
Temps: High temperatures Thursday will be in the mid 80s F north of Morgan's Point and in the mid to lower 70s F south of Morgan's Point.

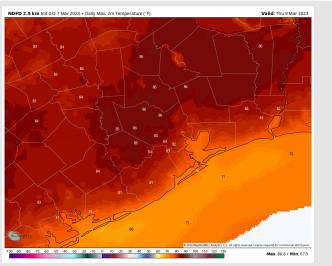
Visibility: Sea fog threat remains possible for the AM Thursday with chances decreasing midday. Fog chances redevelop late Thursday PM. View visibility report for more details.

#### **Precip Forecast: 3 PM CT**



Wind Speed 4 PM CT





High Temps Thursday

### Houston Pilots: Fri. 3/10/2023





#### **Forecast Discussion**

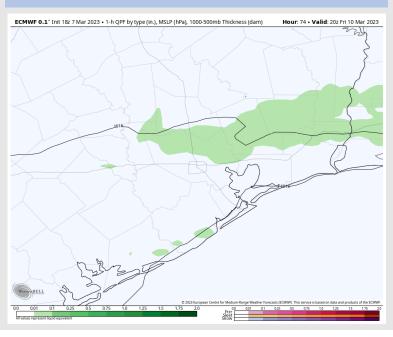
Precip: A weak front brings very low end shower chances (20%) north of Morgan's Point from 12 – 6 PM. Expect a mainly dry day Friday.

Wind: Winds will be from the S/SW at 6 – 12 kts until the weak front boundary moves in by 5 AM. Winds will then shift out of the NW briefly until 2 PM where winds will become more variable in nature at 2-7 kts. After 6 PM, winds will gradually shift back out of the S/SSE and remain that way through the rest of the evening.

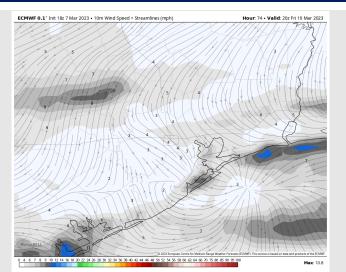
Temps: High temperatures expected to be in the 70s F across all stations.

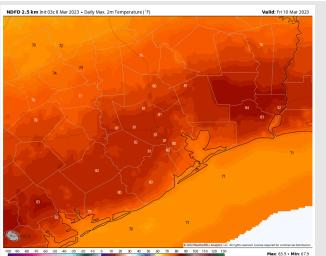
Visibility: Sea fog threat remains possible for at least Friday AM.

#### **Precip Forecast: 2 PM CT**



Wind Speed 2 PM CT



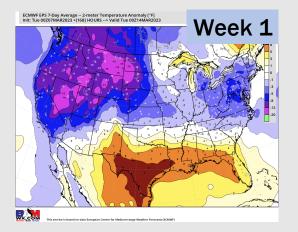


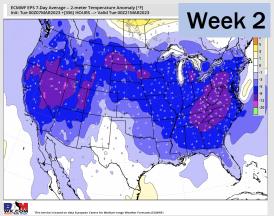
High Temps Friday

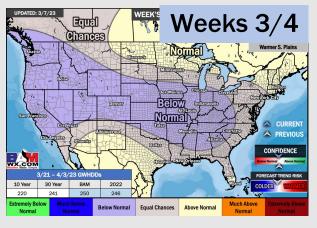
### **Houston Pilots: 3/8/23**

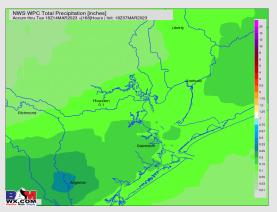


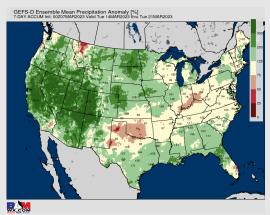


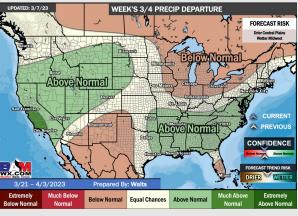












- Anticipating drier conditions through the rest of the week, moisture looks to work in towards next Monday. Temperatures are expected to be above normal over the next seven days.
- Expecting above normal precipitation chances and below normal temperatures extending into the week
   2 timeframe.
- Anticipating normal temperatures and above normal chances for precipitation favored in the week <sup>3</sup>/<sub>4</sub> timeframe.