

# Houston Pilots Forecast Package



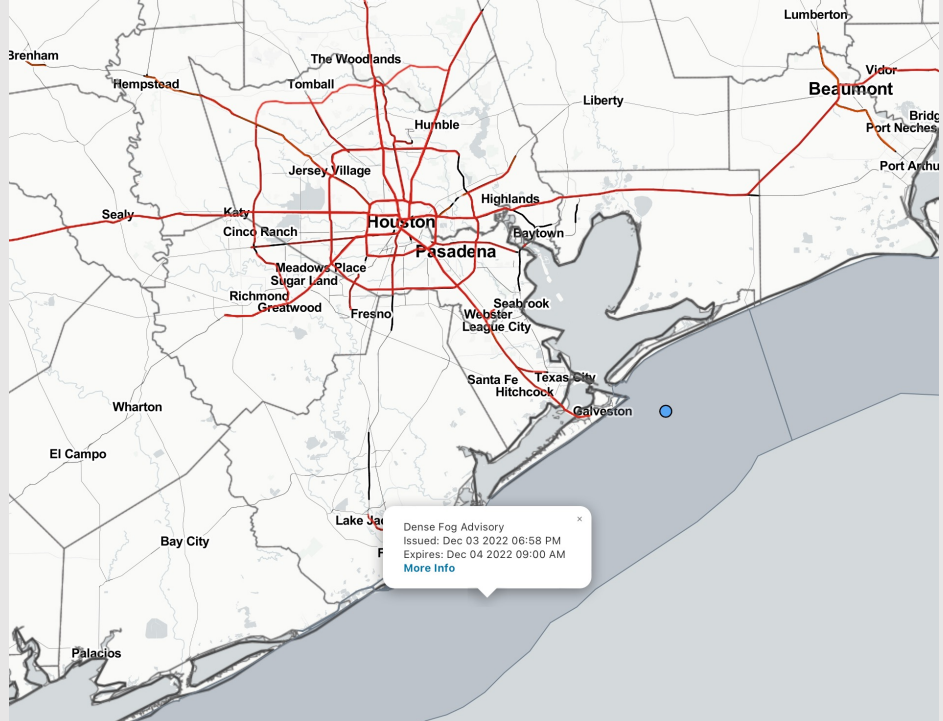
Updated: 5:50 AM CT

Sunday, December 4, 2022

Forecaster: Alyssa McClung

## Weather Headlines

- Anticipating a 10% chance for scattered showers today with mostly dry conditions favored. Both Monday and Tuesday hold slight spotty shower chances as well.
- Winds will generally stay within the 5 – 15 kt range over the next three days. Winds out of the North this AM will shift generally out of the ESE/SE and continue at this direction for the next three days.
- **Anticipating a patchy dense fog risk to begin around Noon today for the Boarding Station with widespread dense fog chances increasing after 4. See visibility slide for further details.**
- **Patchy fog threats will be ongoing over the next three days.**



### Radar/NWS Alerts: 5:50 AM CT

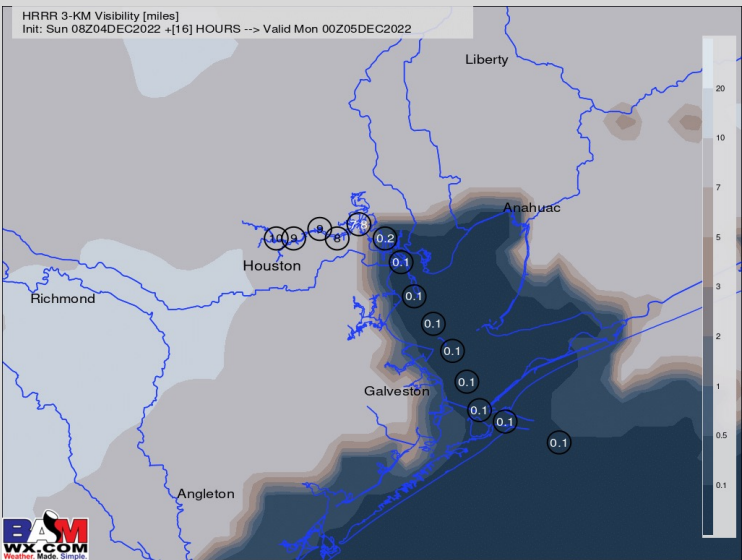
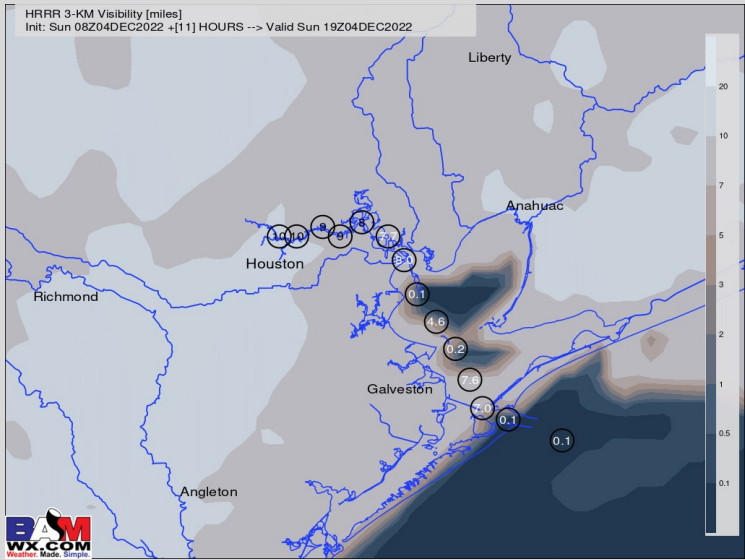


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

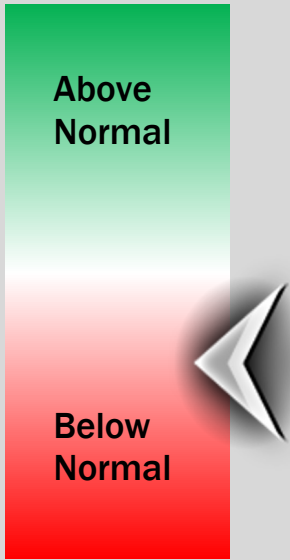
# Houston Pilots Visibility Report



## 1 PM SUN Visibility      6 PM SUN Visibility



## Confidence



**Reduced Visibility Threat**

**12 PM SUN – 6 AM MON**      **Medium-High**

- Fog will reside in the Gulf this morning SE of Stations as winds blow out of the N/NE. A low cloud deck is present with morning which may cause some isolated areas to have visibility reduced to 3 - 5 miles through 12 PM.
- Anticipating the risk for patchy dense to begin around 12 PM today for the Boarding Station with the patchy risk continuing to move into GALV. Bay through 4 PM.
- After 4 PM, winds will veer more out of the SE, increasing the likelihood of widespread dense fog. Stations South of Morgan's Point will be at the greatest risk for seeing dense fog with visibilities of 0.5 miles or less.
- Confidence for when this fog event will end Monday is low as winds will continue to be out of the S/SE Monday, allowing for patchy /dense fog remain a risk. Favoring the 3- 6 AM timeframe for there to be a break as winds briefly shift from the WSW over GALV. Bay.

# Houston Pilots Extended Range Visibility Report



## Wednesday 12/7/22

Southerly flow probable. Patchy fog setup looks possible south of Morgan's Point. Winds over the Houston Metro area look too strong.



## Thursday 12/8/22

Spotty showers with SSW flow will allow for the possibility of patchy fog across all stations. By the afternoon, winds calm to (0 - 5 kts). Area of concern will be around the Boarding Station. All other stations appear to receive patchy fog.



## Friday 12/9/22

Calm winds of less than 5 kts in the AM will allow for patchy fog. By the afternoon, winds shift from the east but still allow for potential patchy fog.



## Chance for Reduced Visibility

Wednesday AM	Possible
Wednesday PM	Possible
Thursday AM	Possible
Thursday PM	Possible
Friday AM	Possible
Friday PM	Possible

# Houston Pilots Visibility Report



**Confidence**

Above Normal

Below Normal

Time	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	6	6	5	4	4	3	3	3	2	2	4	6	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	7	6	6	6	5	4	4	3	3	3	2	2	4	6	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	7	6	6	6	4	4	3	3	3	3	2	2	4	7	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	7	6	6	6	4	4	3	3	3	3	2	2	5	9	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	7	6	6	6	4	4	3	3	3	3	2	2	5	9	10	10	10	10	10	10	10
Exxon 3	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	7	6	5	4	4	3	2	2	2	2	2	1	1	5	9	9	10	10	10	10	10	10
Morgans Point	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	5	4	3	1	0.71	0.48	0.48	0.48	0.48	0.48	1	1	2	7	9	9	10	10	10	10	10	10
75/76	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	5	3	2	1	0.52	0.48	0.48	0.48	0.48	0.48	3	1	3	7	9	9	10	10	10	10	10	10
63/64	10	10	10	9	10	10	10	10	10	10	10	10	9	10	6	2	1	0.91	0.52	0.28	0.24	0.24	0.24	0.24	0.48	3	2	5	7	9	9	10	10	10	10	10	10
51/52	10	10	10	9	10	10	10	10	10	10	9	6	5	3	1	0.77	2	0.54	0.28	0.28	0.24	0.24	0.24	0.89	1	4	4	6	7	9	9	9	9	9	9	9	10
37/38	10	10	10	7	10	9	9	9	8	9	7	6	4	2	1	0.77	4	0.52	0.28	0.28	0.24	0.24	0.77	1	1	4	4	6	6	9	9	9	9	9	9	9	10
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1 & 2 Bravo	7	10	10	7	3	3	3	3	1	0.91	1	0.77	0.91	1	1	0.91	7	6	0.35	0.24	2	3	6	8	8	8	7	8	8	7	6	6	6	6	7	7	6

Please check slide above for official thinking on fog.

# Houston Pilots Wind Report



**Example**

Sustained wind 13 Knots  
 Gusts 18 Knots  
 Wind from the N

WS: 13  
 G:18  
 N

Time Knots	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	
610 Bridge	4	4	5	6	6	4	4	3	2	2	3	3	3	5	4	5	5	4	4	4	4	3	4	3	4	4	4	5	6	8	9	9	10	10	10	11	11
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	N	N	N	NNE	NE	NE	NE	NE	N	N	N	NNW	SE	ESE	SE	SE	SSE	SSE	SSE	SSE	S	S	S	SSE	SSE	SSE	SSE	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW		
Kinder 1	4	4	5	6	6	5	4	3	2	2	3	3	3	5	4	5	4	4	4	4	3	3	3	3	4	4	4	6	7	8	9	10	10	10	10	10	
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Greens Bayou	4	4	4	5	6	5	4	3	1	2	2	3	4	5	4	4	4	4	3	3	3	3	3	4	4	4	4	6	7	8	9	9	10	10	10	11	
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Shell Crude	5	5	5	6	6	5	4	3	1	3	2	4	4	5	4	5	5	5	5	4	4	4	4	4	5	5	5	6	7	8	8	9	10	10	11	10	
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Lynchburg Ferries	5	5	4	5	6	5	4	3	1	3	2	4	4	5	4	7	7	6	6	6	6	6	6	6	7	7	7	8	8	9	8	9	10	11	11	11	
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Exxon 3	5	5	5	5	6	5	4	3	3	3	2	7	5	5	4	7	7	7	6	6	6	6	6	6	7	7	7	8	8	9	9	10	11	11	10	10	
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Morgans Point	6	6	6	6	7	7	5	4	3	3	4	7	7	7	6	6	7	7	7	7	6	6	6	6	6	6	7	7	8	8	9	10	10	10	11	10	
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51/52	8	8	8	8	10	9	6	4	2	5	6	6	6	6	8	7	7	7	7	7	7	7	7	7	7	7	7	8	9	9	10	10	10	10	10	10	
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25/26	9	8	8	8	10	7	6	5	5	6	6	5	5	4	6	7	7	7	7	7	7	7	7	7	7	7	8	8	9	9	10	10	10	10	10	10	
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11/12	9	8	8	8	8	7	6	5	5	6	5	4	4	3	5	7	7	7	7	7	7	7	7	7	7	7	8	8	9	9	10	10	10	10	10	10	
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1 & 2 Bravo	9	10	10	7	7	6	6	7	6	5	4	4	4	4	6	7	7	7	7	7	7	7	7	7	7	7	8	9	10	10	10	10	10	10	10	10	
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	NNW	NNW	NNW	N	N	NE	ENE	ESE	ESE	ESE	ESE	ESE	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	S	S	S	SSW	SSW	SSW	SSW	SSW		

See slides below for official thoughts on winds.

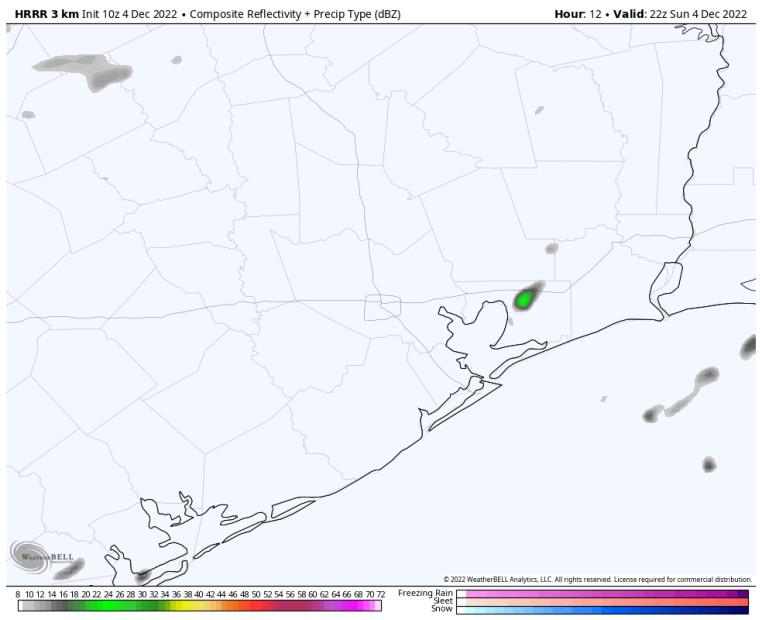
# Houston Pilots: sun. 12/4/2022



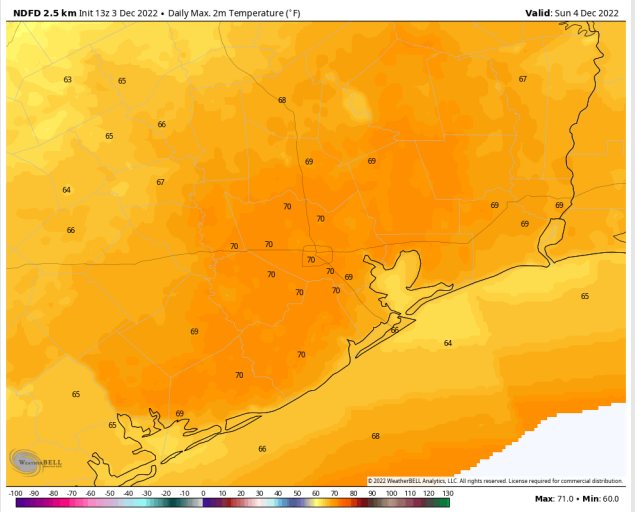
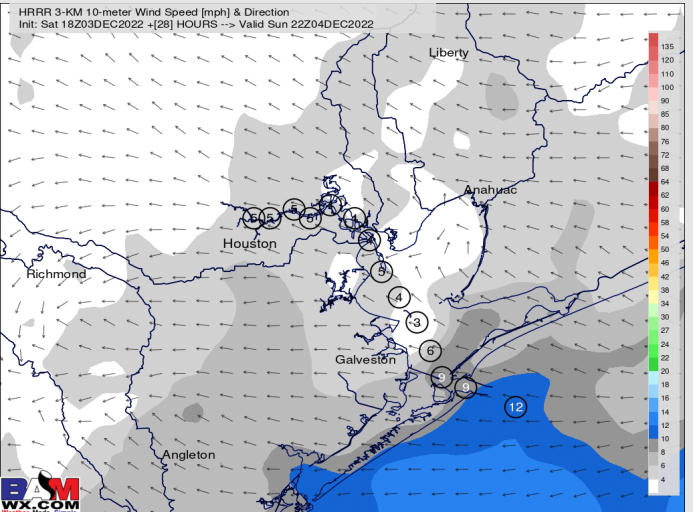
## Forecast Discussion

- Precip:** Anticipating mostly dry conditions with a 10% chance for sprinkles / light showers between 3 – 5 PM.
- Wind:** Sustained winds out of the ENE/E through 2PM at 4 – 8 kts, 6 – 10 kts near Alpha / Bravo stations. After 2PM, winds shift to out of the SE through the remainder of the evening, with winds 6 – 10 kts.
- Temps:** High temps Sunday in the lower to mid 70's for all locations.
- Visibility:** Patchy dense fog possible between 12 PM – 4 PM today with widespread dense chances increasing after 4 PM. See visibility slide for more details.

## Precip Forecast: 4 PM CT



## Wind Speed 4 PM CT



## High Temps Sunday

# Houston Pilots: Mon. 12/5/2022



## Forecast Discussion

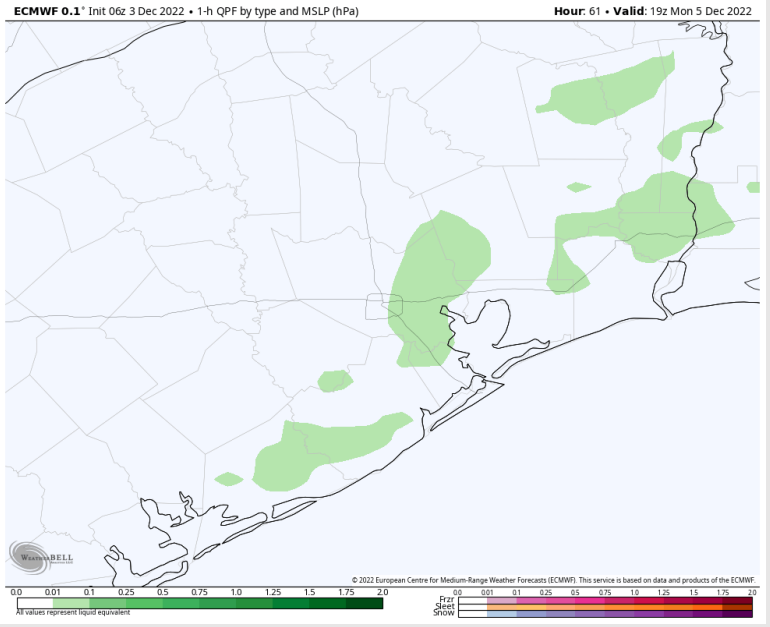
**Precip:** A slight chance (20%) for scattered showers after 4 AM. Anticipating dry conditions after 4 PM.

**Wind:** SSE winds in the morning will shift from the S/SSW by 8 AM and continue for the remainder of the day. Winds N of Morgan's Point will start out at 2 – 7 kts and S of Morgan's Point will be elevated at 5 – 10 kts. By 12 PM winds will pickup across all stations to 10 – 16 kts for the afternoon and evening. An occasional wind gust up to 20 kts will be possible at the Boarding station in the late evening 10 PM – 12 AM timeframe.

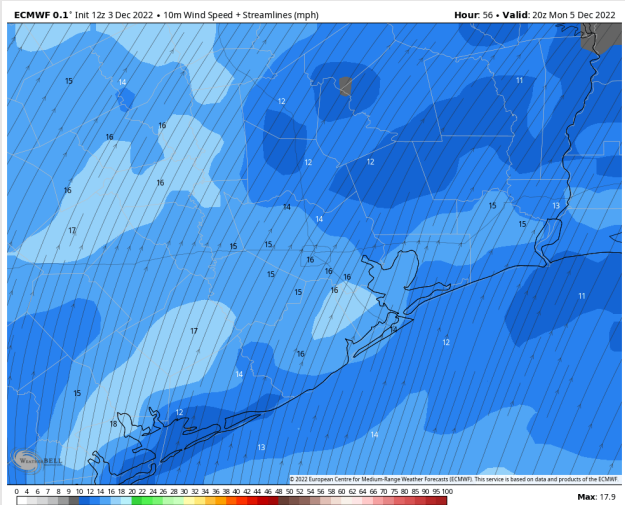
**Temps:** High temperatures Friday will be in the mid to upper 70s F across all stations except the Boarding Station, where temperatures will be around 70 F.

**Visibility:** Patchy dense / dense fog risk Sunday Night will continue into Monday as winds remain out of the S/SE. Winds will briefly veer out of the WSW between 3 – 6 AM possibly allowing for a break in fog. Then winds will resume out of the S/SE.

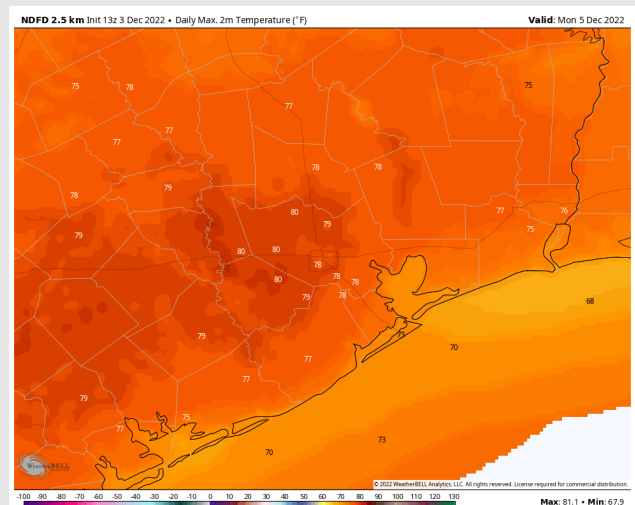
## Precip Forecast: 1 PM CT



Wind Speed  
2 PM CT



High Temps  
Monday



## Forecast Discussion

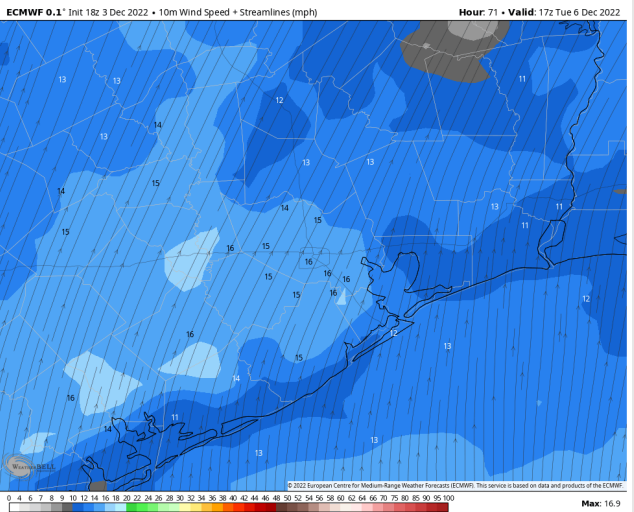
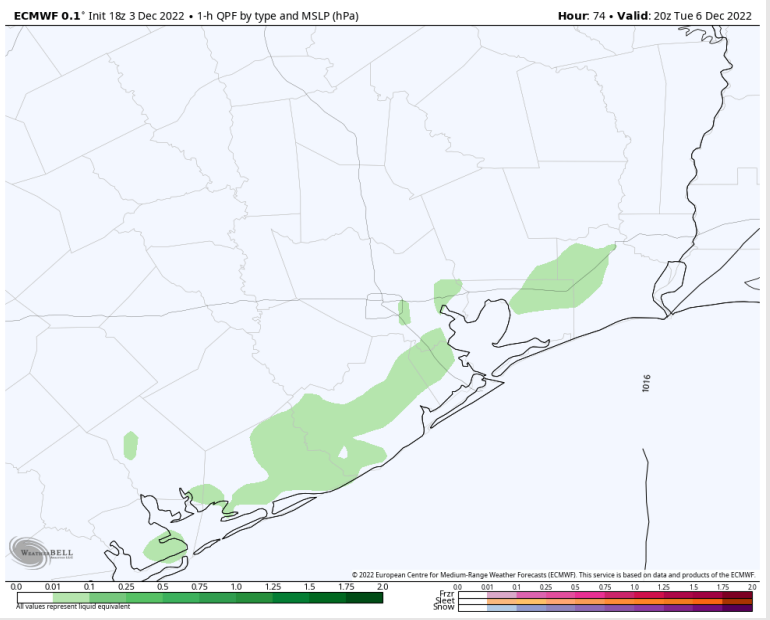
**Precip:** A slight chance (20%) for a pop-up spotty shower in the 12 – 5 PM timeframe, otherwise anticipating dry conditions.

**Wind:** Sustained winds from the S the entire day. Winds N of Morgan’s point will start out at 5 – 9 kts and S of Morgan’s Point will be 9 – 14 kts. Around 10 AM, winds will pickup across all stations to 10 – 15 kts and remain as such for the rest of the evening. Gusts of up to 23 kts will be possible from 11 AM – 5 PM N of Morgan’s Point.

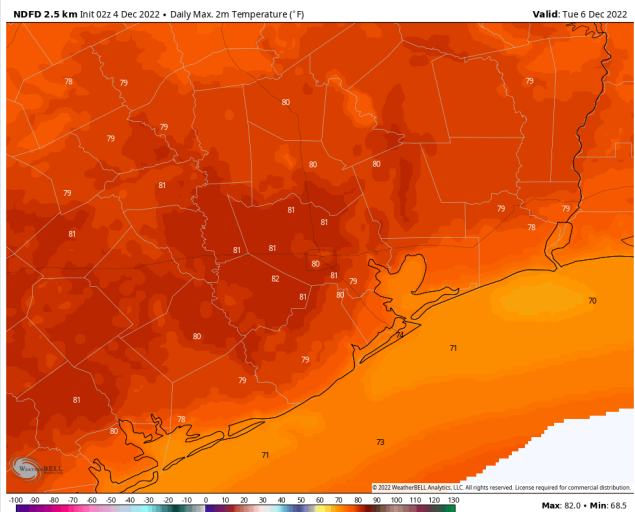
**Temps:** High temps will be in the upper 70s to near 80 F N of Morgan’s Point and in the mid to lower 70s F S of Morgan’s Point.

**Visibility:** A chance for patchy fog will be possible south of station 63/64 in both the morning hours and afternoon. More information will be added in future updates.

## Precip Forecast: 2 PM CT



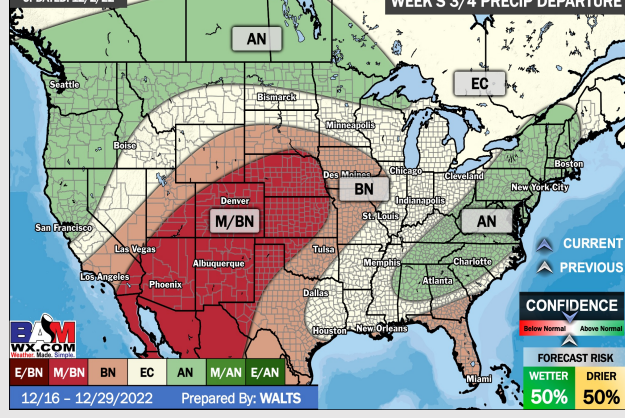
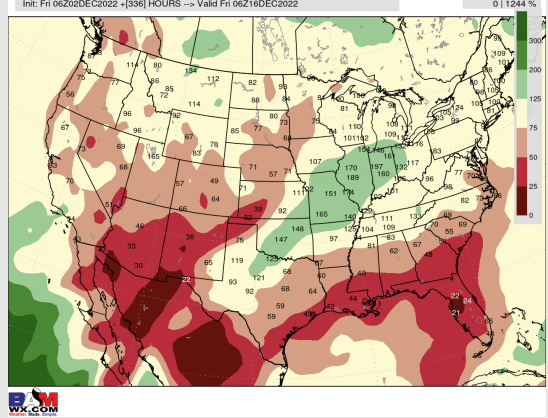
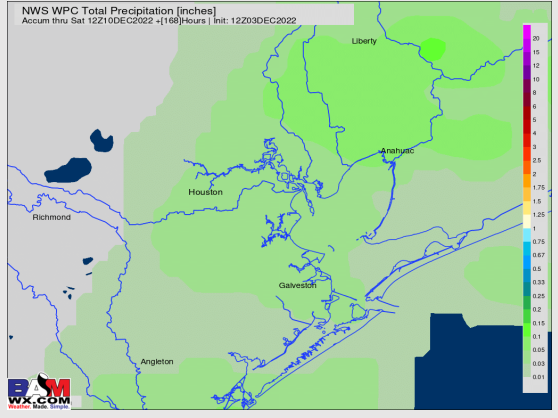
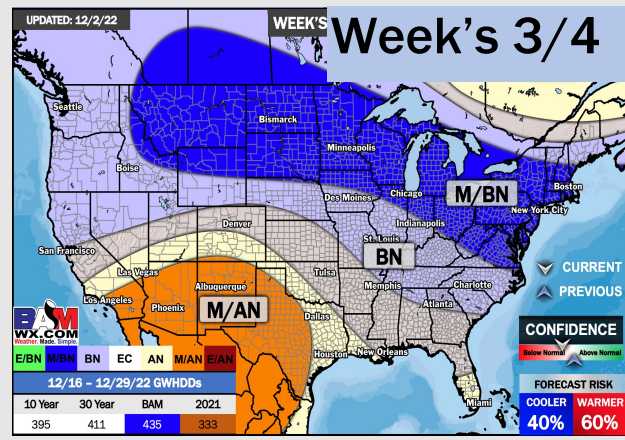
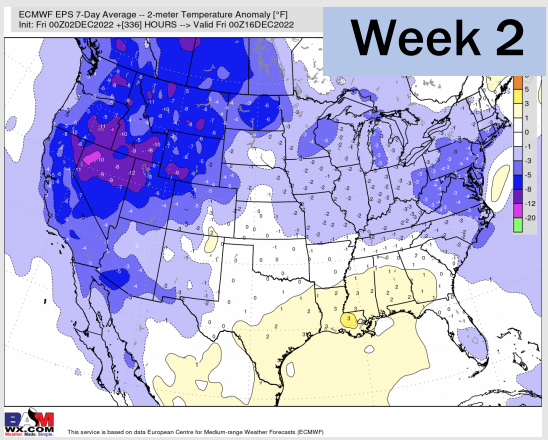
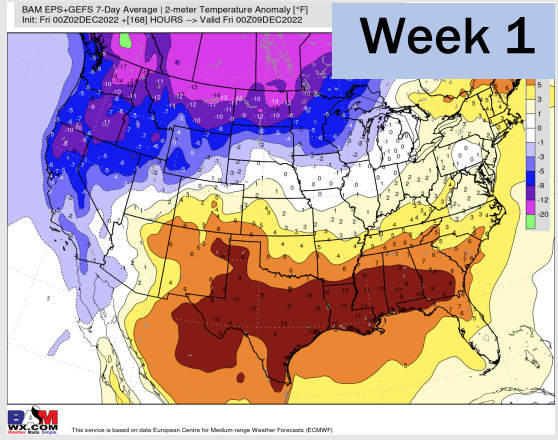
Wind Speed  
11 AM CT



High Temps  
Tuesday



# Houston Pilots: 12/4/22



- Very low rain chances this evening with rain chances to follow through Tuesday AM. Week 1 temperatures to be above normal.
- Week 2 is expected to be slightly above normal for temperatures and below normal for rain chances for mid December.
- The weeks ¾ timeframe looks to feature above normal temperatures and equal chances for precipitation.