

Houston Pilots Forecast Package



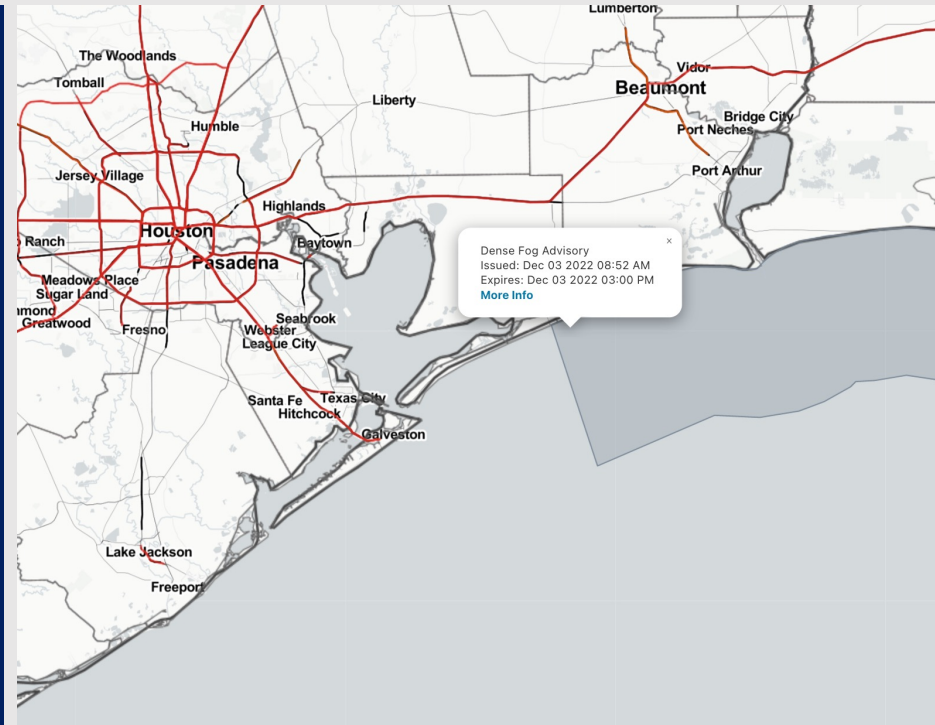
Updated: 3:00 PM CT

Saturday, December 3, 2022

Forecaster: Tyler Hollingsworth

Weather Headlines

- Anticipating a 40% chances for scattered showers today. Both Sunday and Monday hold low –end shower chances as well.
- Winds will generally stay within the 5 – 15 kt range over the next three days. **Winds will shift from the north Saturday afternoon, alleviating some of the dense fog. By Sunday evening through Monday, winds shift from the SE once more.**
- **Patchy fog will continue throughout the evening around the Boarding Station.**
- **Fog threat may extend to Morgan's Point to 12 PM Sunday. Check visibility report for more details.**



Radar/NWS Alerts: 2:58 PM CT



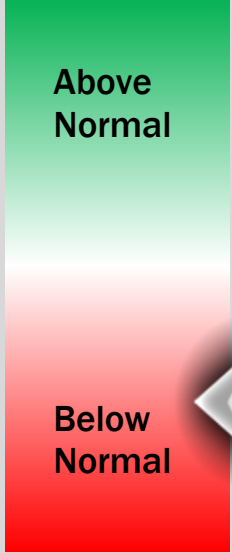
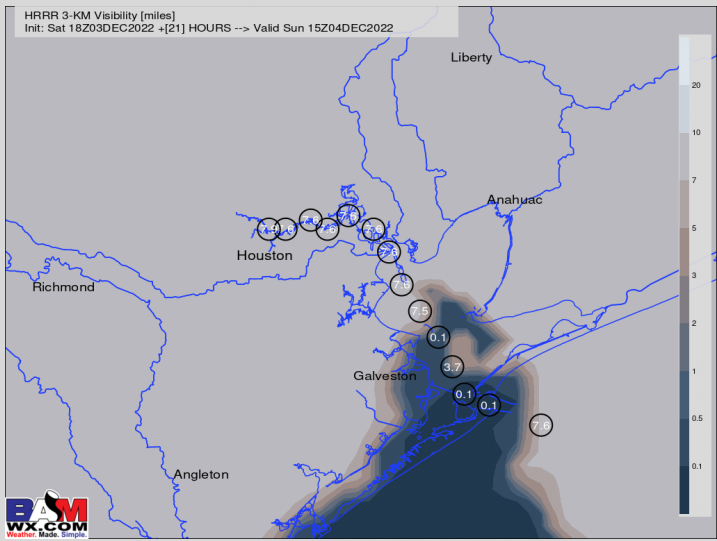
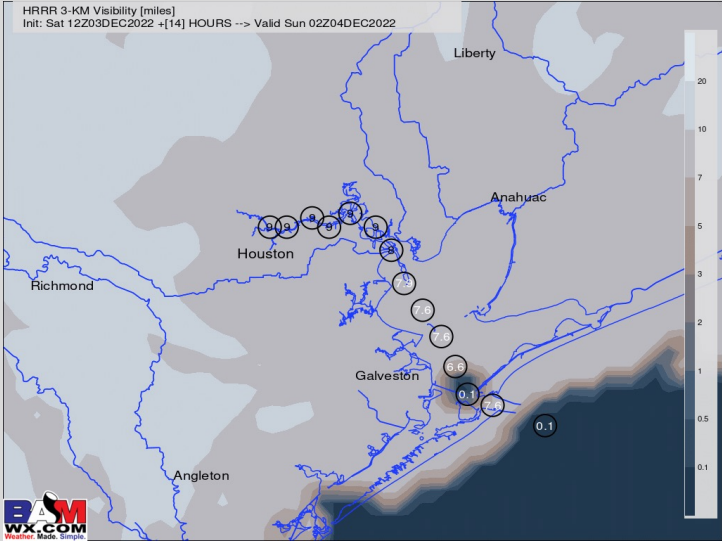
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



8 PM SAT Visibility 9 AM SUN Visibility

Confidence



Reduced Visibility Threat
NOW - 12 PM SUN **Medium**

- Visibility for all stations will continue to improve through the evening as Northerly winds aid in lifting sea fog. A low cloud deck remains in the area, making it possible for isolated cases of patchy fog to be a risk for stations south of Morgan's Point.
- The Boarding Station will be at the greatest risk for lingering patchy dense fog with visibility of less than 0.5 mile until 6 AM Sunday as the frontal boundary sits right off the shoreline limiting Northerly winds.
- Fog threat may extend towards north of Morgan's Point to 12 PM CT if front pushes back into the coastline.

Houston Pilots Extended Range Visibility Report



Tuesday 12/6/22

Southerly flow with plentiful low-level moisture could prompt patchy sea fog. Wind speeds however may be a touch too elevated.



Wednesday 12/7/22

A similar setup to Tuesday, winds will be more southerly. 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.



Chance for Reduced Visibility

Tuesday AM	Possible
Tuesday PM	Unlikely
Wednesday AM	Possible
Wednesday PM	Possible
Thursday AM	Possible
Thursday PM	Possible

Houston Pilots Visibility Report



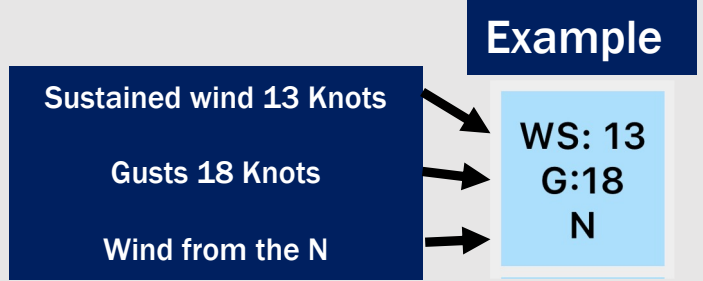
Confidence



Time	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	Sun 3am	Sun 4am	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	
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	5	6	6	3	3	4	6	10	10	10	10	10	10	10	10	10	10	9	6	4	3	
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	5	6	6	4	3	4	6	10	10	10	10	10	10	10	10	10	10	9	6	4	3	
Greens Bayou	10	10	10	10	10	10	10	9	10	10	10	10	10	10	9	5	5	6	4	3	4	6	9	10	10	10	10	10	10	10	10	10	10	6	4	3	
Shell Crude	10	10	10	10	10	10	10	9	10	10	10	10	10	10	9	4	5	5	4	3	4	6	9	10	10	10	10	10	10	10	10	9	6	4	3		
Lynchburg Ferries	10	10	10	10	10	10	10	9	10	10	10	10	10	9	9	4	5	5	4	3	4	6	9	10	10	10	10	10	10	10	10	9	6	4	3		
Exxon 3	10	10	10	10	10	9	9	9	9	10	9	9	9	9	9	4	5	5	4	3	4	6	9	10	10	10	10	10	10	10	10	9	6	4	3		
Morgans Point	10	10	10	10	10	9	9	9	9	9	9	9	9	9	8	4	6	5	4	4	4	6	9	10	10	10	10	10	10	10	10	9	5	4	2		
75/76	10	10	10	10	10	9	9	9	9	9	9	8	8	8	8	3	5	5	4	3	4	6	7	10	10	10	10	10	10	10	9	7	5	4	2		
63/64	9	10	10	10	9	8	8	8	8	8	8	8	8	8	8	3	6	6	3	2	4	6	7	10	10	10	10	10	10	9	9	7	5	4	2		
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Please check slide above for official thinking as model data shown may undone with fog.

Houston Pilots Wind Report



Time Knots	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	Sun 3am	Sun 4am	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	
610 Bridge	4	4	6	6	7	7	7	8	6	5	4	4	5	4	4	4	4	4	4	4	5	5	5	4	4	5	6	6	5	5	5	4	4	4	4	4	
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	NW	NW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	NNE	N	N	N	N	N	N	N	NNE	NNE	NNE	NE	ENE	E	ESE	ESE	SE	SE	SE	SSE	SSE	SSE	SSE	
Kinder 1	4	4	5	5	7	7	7	8	6	5	4	4	5	4	5	3	4	4	3	4	5	4	4	3	4	4	4	5	5	5	4	4	4	4	4	3	
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Greens Bayou	4	4	5	5	7	6	7	8	7	5	5	4	4	5	5	3	4	4	3	4	5	5	4	4	4	5	5	5	5	5	5	5	5	5	5	6	
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Shell Crude	4	4	4	5	6	6	7	8	7	5	4	4	4	5	5	4	5	5	4	5	5	5	4	4	4	4	5	5	5	5	5	5	5	5	5	4	
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Lynchburg Ferries	3	4	4	5	4	6	8	8	8	6	4	4	4	5	5	5	6	6	6	6	6	5	5	4	4	5	5	6	6	7	7	7	7	7	7	8	
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Exxon 3	3	4	3	6	3	6	8	8	8	6	4	4	5	6	5	6	6	6	6	6	6	5	5	4	5	5	5	6	6	7	7	7	7	7	7	7	8
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Morgans Point	3	3	3	4	3	4	7	8	8	7	8	7	8	8	6	5	5	5	6	6	6	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6
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75/76	3	3	3	2	2	3	9	11	10	10	9	9	9	9	8	5	6	6	6	6	6	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7
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63/64	4	4	4	3	2	4	10	13	11	11	10	9	10	9	8	6	6	6	6	6	6	6	6	6	5	5	5	5	5	6	6	7	7	7	7	7	7
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51/52	5	7	6	5	4	3	6	13	12	11	11	9	10	9	8	6	6	6	6	6	7	7	6	6	6	6	5	5	5	6	6	7	7	7	7	7	7
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25/26	6	7	7	6	4	4	5	7	11	11	11	9	9	9	7	7	6	6	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6
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11/12	6	6	6	5	4	3	4	7	10	11	10	9	9	9	6	6	6	6	6	6	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6
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	N	N	N	N	N	N	NNW	NNW	NNW	N	NNW	NNW	N	N	N	N	N	N	N	N	NNE	NNE	NNE	NE	ENE	ENE	E	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE
1 & 2 Bravo	4	3	3	4	5	3	4	3	8	11	11	9	9	9	10	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
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	S	S	SSW	SW	SW	WSW	WSW	WSW	NW	NNW	N	N	NNW	NNW	N	NNE	NNE	NE	NNE	NE	NE	NE	NE	NE	NE	ENE	ENE	E	E	E	E	E	E	E	E	E	

See slides below for official thoughts on winds.

Houston Pilots: sat. 12/3/2022



Forecast Discussion

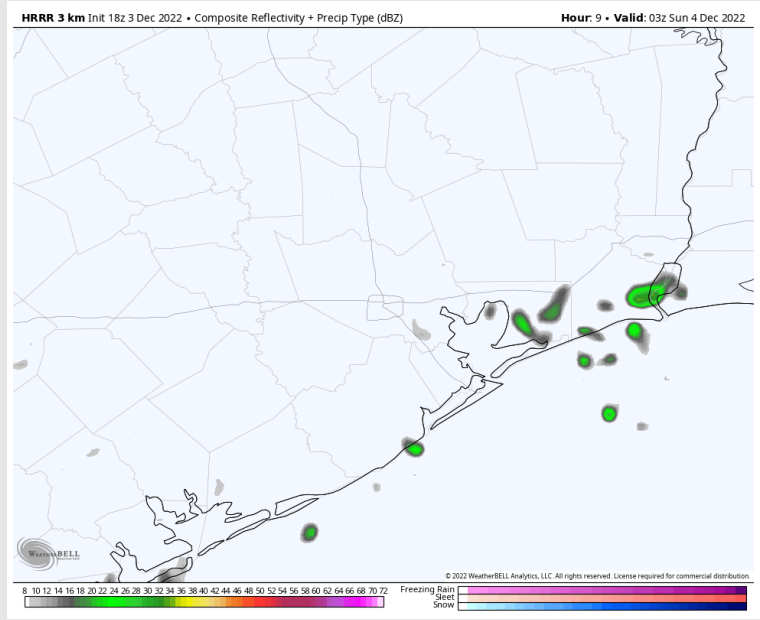
Precip: Anticipating a 30% chance of light spotty showers to continue through the evening as a cold front slowly passes to the southeast.

Wind: Variable winds 3 – 8 kts to continue today until shifting out of the N at around 6 PM at 5 – 10 kts where they will continue through the evening.

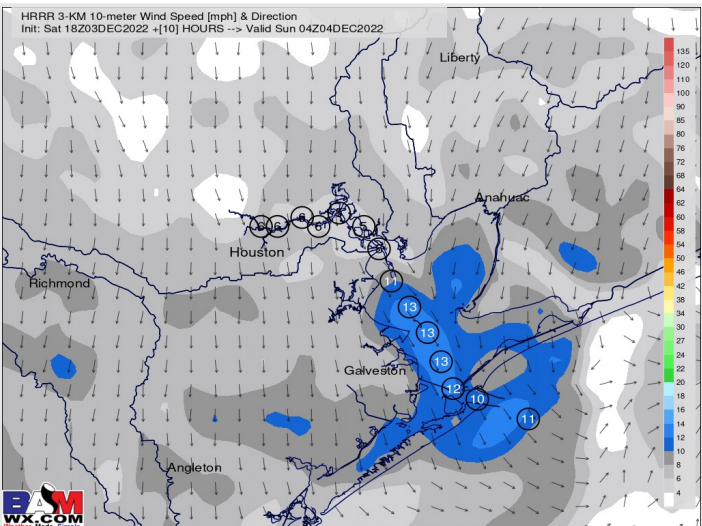
Temps: Low temps expected to be in the low 60s F for all stations.

Visibility: Patchy fog to continue on the rest of the evening near the boarding station. Check Visibility report for more details.

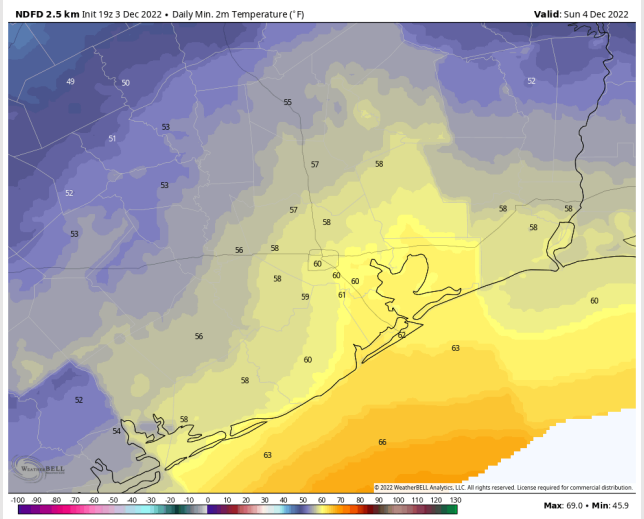
Precip Forecast: 9 PM CT



Wind Speed
10 PM CT



Low Temps
Sunday AM



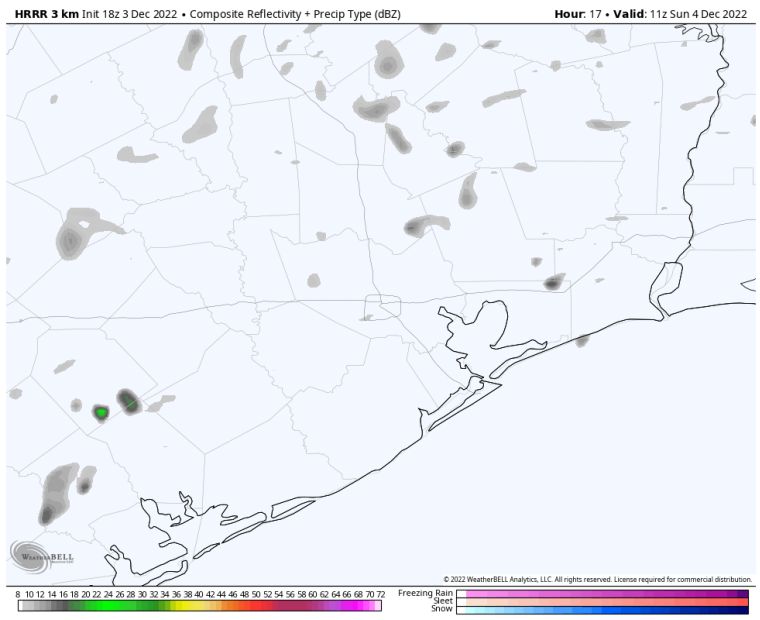
Houston Pilots: Sun. 12/4/2022



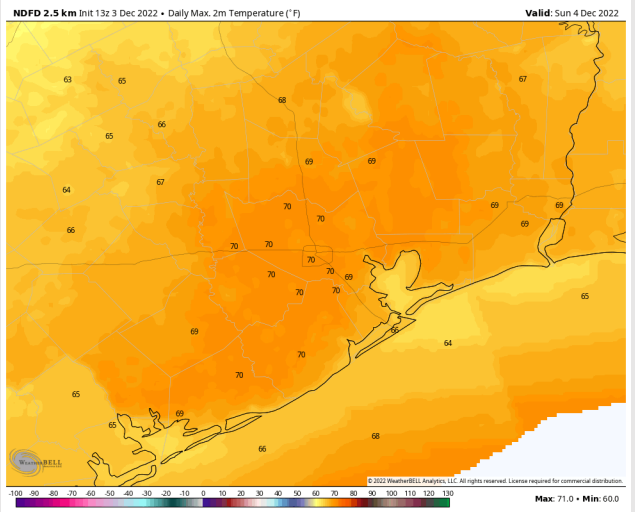
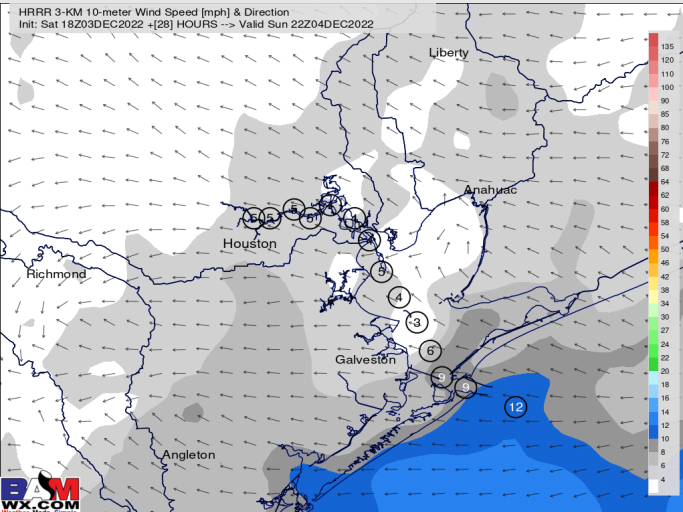
Forecast Discussion

- Precip:** Anticipating 30% chances for sprinkles / light showers throughout the morning until 3 PM. Favoring dry conditions after 3 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 fog possible to continue through Sunday AM around the Boarding Station. Another threat of widespread fog going into Sunday evening possible for all stations. More updates to come.

Precip Forecast: 5 AM CT



Wind Speed
4 PM CT



High Temps
Sunday

Houston Pilots: Mon. 12/5/2022



Forecast Discussion

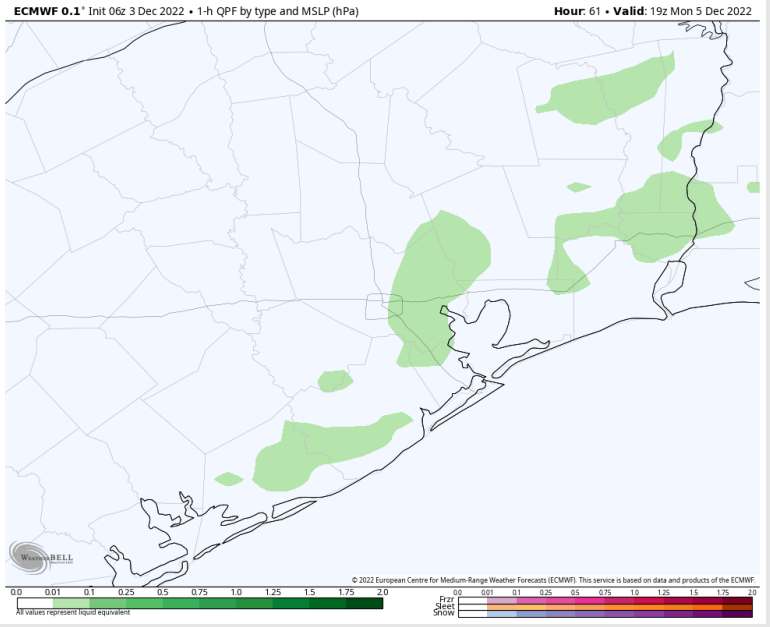
Precip: A slight chance (20%) for scattered showers after 4 AM. Anticipating dry conditions after 4 PM.

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.

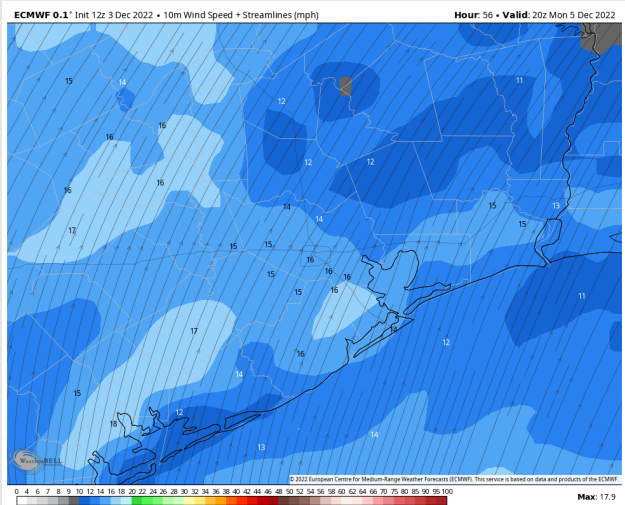
Temps: High temperatures Friday will be in the mid to upper 70s F across all stations except the Boarding Station, where temperatures will be around 70 F.

Visibility: Patchy Fog will continue from Sunday night until about the Noon timeframe. Patchy fog could linger at the boarding station until 6 PM. Spotty showers and SSE flow in the AM hours could help promote a patchy fog setup. More information will be added in forthcoming updates.

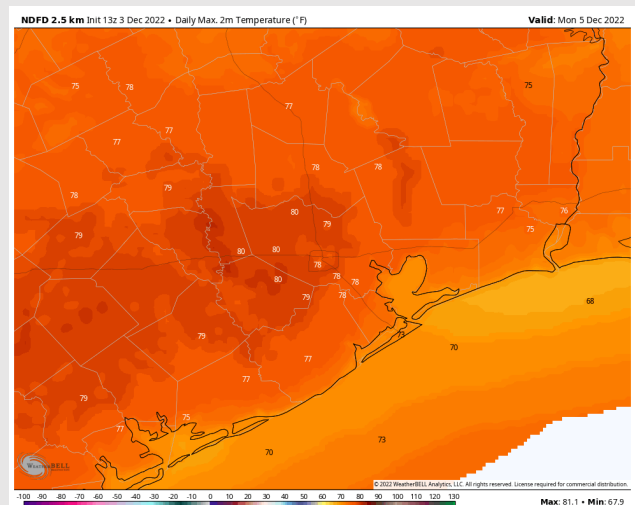
Precip Forecast: 1 PM CT



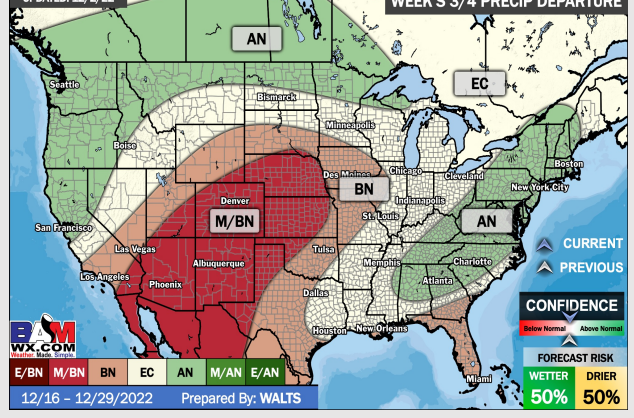
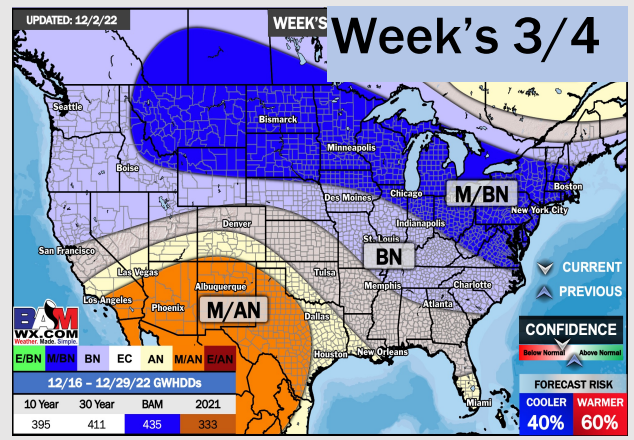
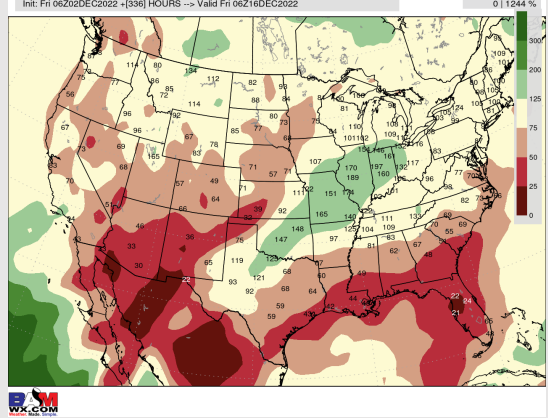
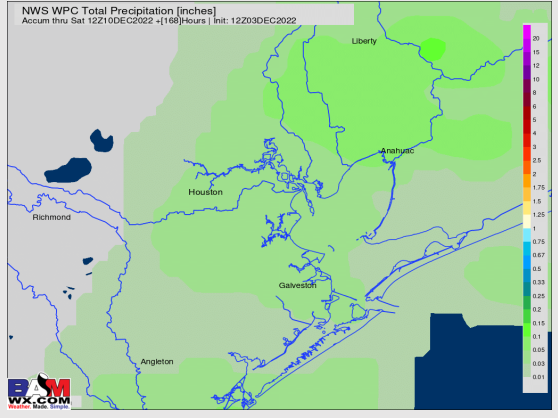
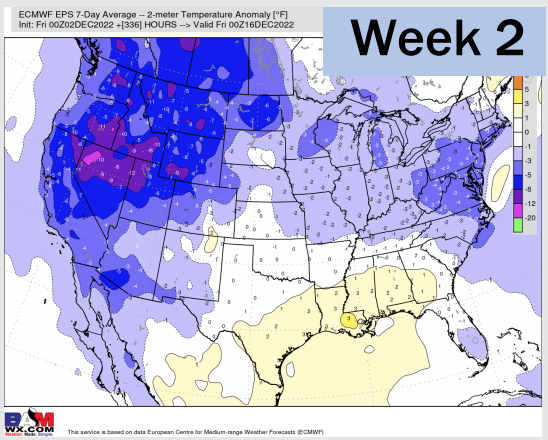
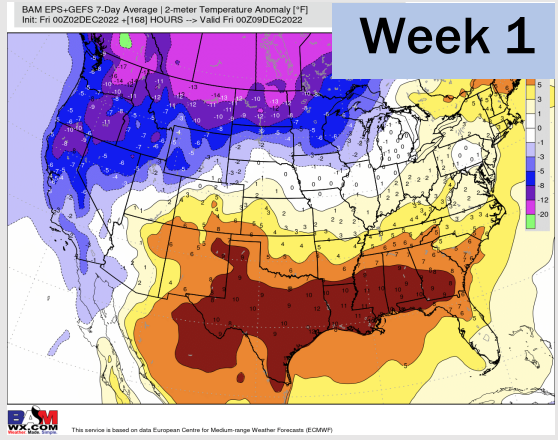
Wind Speed
2 PM CT



High Temps
Monday



Houston Pilots: 12/3/22



- 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.