

# Houston Pilots Forecast Package



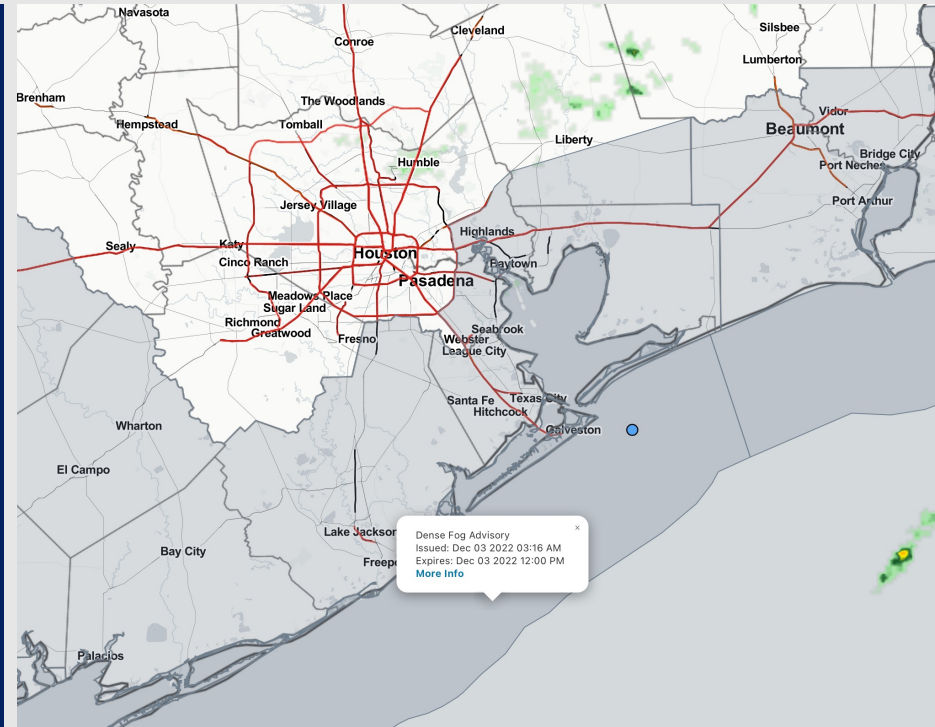
Updated: 8:30 AM CT

Saturday, December 3, 2022

Forecaster: Alyssa McClung

## 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.**
- **Areas of patchy and dense fog will continue throughout the morning and early afternoon, where fog looks to become more patchy across all stations after 2 PM.**
- **Lower confidence on fog returning late tonight / early Sunday AM.**



## Radar/NWS Alerts: 8:30 AM CT

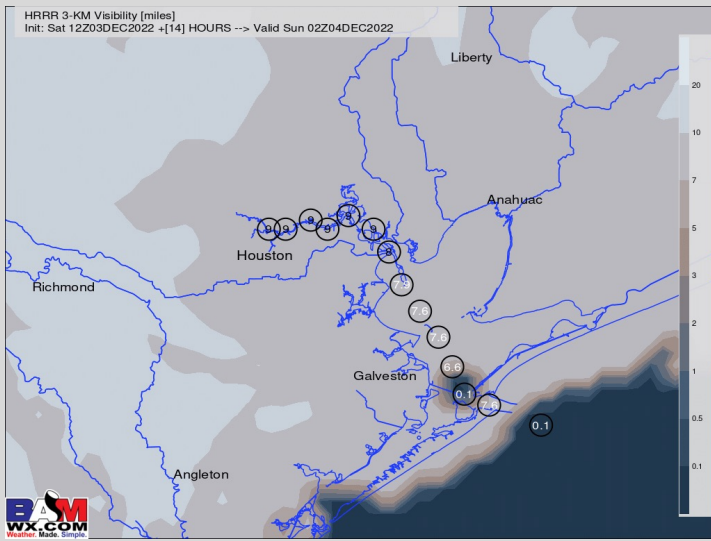
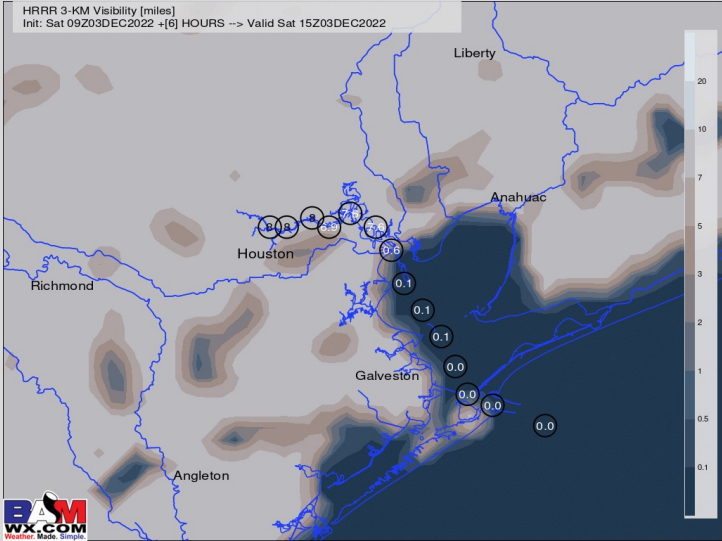


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

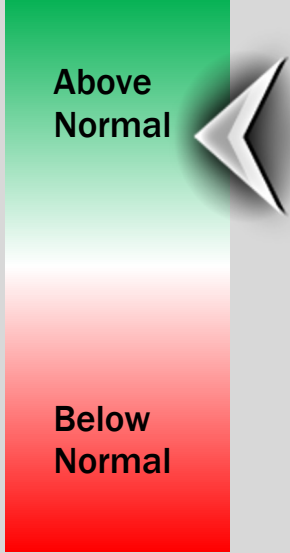
# Houston Pilots Visibility Report



## 9 AM SAT Visibility      8 PM SAT Visibility



## Confidence



**Reduced Visibility Threat**

NOW – 6 PM SAT      **High**

- Widespread dense sea fog ongoing this morning and continuing through Saturday remains high.
- Widespread dense fog could begin to break into patchy fog around 2 PM as winds become more Southwesterly.
- From 2 – 6 PM, Northerly winds will gradually push patchy dense fog out of the area and put visibility greater than 3 miles where it will continue to improve through the evening.
- Still uncertainty for late Saturday night, however favoring fog threat to be possible through Sunday Morning.
- This threat for fog and less than 0.5 mile visibility exists mostly for stations South of Morgan's Point.

# 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).



## 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**

Above Normal

Below Normal

Time	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	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		
610 Bridge	9	8	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	6	6	5	4	4	5	4	3	4	6	10	10	10	10	10	10	10	10	10
Kinder 1	9	8	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	6	5	4	4	5	4	3	5	6	10	10	10	10	10	10	10	10	10
Greens Bayou	9	8	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	6	5	5	4	5	4	5	6	6	10	10	10	10	10	10	10	10	10
Shell Crude	9	8	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	7	7	5	5	5	5	7	7	7	10	10	10	10	10	10	10	10	10
Lynchburg Ferries	9	8	8	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	7	7	6	6	6	6	7	7	7	10	10	10	10	10	10	10	10	10
Exxon 3	9	8	8	9	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	7	7	7	7	7	7	7	7	9	10	10	10	10	10	10	10	10	10
Morgans Point	9	8	8	9	10	10	10	10	10	10	10	9	9	10	10	10	10	9	8	8	7	7	7	7	7	7	7	7	9	10	10	10	10	10	10	10	10	9
75/76	8	8	8	9	10	10	10	10	10	10	10	9	9	10	9	10	9	7	8	8	7	7	7	7	7	7	7	7	7	7	10	10	10	10	10	10	10	9
63/64	7	7	7	8	9	10	9	10	10	10	9	8	8	8	8	8	10	9	7	8	8	7	7	7	7	7	7	7	7	10	10	10	10	10	10	9	9	
51/52	7	7	7	7	8	8	8	8	8	9	9	8	8	8	8	10	8	7	8	8	7	7	7	7	7	7	7	7	7	9	9	9	9	9	9	9	9	
37/38	2	7	2	7	7	8	9	8	8	9	8	8	8	8	8	10	7	7	8	8	7	6	7	7	7	7	7	7	7	9	9	9	9	9	9	9	7	
25/26	0.23	7	0.12	7	7	8	8	7	7	8	8	7	7	8	8	10	7	7	8	8	7	5	7	7	7	7	7	7	7	7	7	7	7	9	9	9	7	
11/12	0.08	0.06	0.12	7	6	7	7	7	6	7	8	7	7	7	8	10	7	7	8	8	7	6	7	7	9	7	7	7	7	7	7	7	9	9	8	7		
1 & 2 Bravo	0.06	0.06	0.11	2	2	0.23	0.36	5	2	5	6	7	7	7	7	5	7	7	8	8	7	7	7	9	9	7	7	7	7	9	7	9	9	9	9	9	7	

Please check slide above for official thinking as model data shown may undone with fog.

# Houston Pilots Wind Report



**Example**

Sustained wind 13 Knots  
 Gusts 18 Knots  
 Wind from the N

WS: 13  
 G:18  
 N

Time Knots	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	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		
610 Bridge	3	2	2	4	6	5	6	6	6	8	7	6	6	7	7	9	5	4	4	4	3	3	3	4	4	4	4	5	5	4	4	4	4	4	4	6	6	6
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Kinder 1	WSW	W	W	WNW	NW	NW	N	NNW	NNW	NNW	N	N	N	N	N	N	N	W	N	N	NNW	NW	N	N	N	N	N	N	N	NNE	NNE	NE	ENE	E	ESE	SE	ESE	
	3	1	2	4	6	5	7	6	6	8	7	7	6	7	7	5	4	4	3	3	3	3	3	3	3	3	4	5	4	3	3	3	3	4	4	5	5	
Greens Bayou	10	7	8	10	9	8	9	8	7	11	11	11	13	13	14	9	7	7	7	6	5	5	5	6	5	6	7	7	6	5	4	4	4	4	4	5	6	6
	WSW	WNW	W	WNW	NW	NW	N	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	SSE	N	N	N	N	N	N	N	N	NNE	NNE	ENE	ENE	E	ESE	SE	SE	
Shell Crude	3	1	2	5	6	6	7	7	6	7	7	7	7	7	7	5	4	4	3	3	3	3	3	4	4	4	5	5	4	4	4	4	4	4	4	5	6	6
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Lynchburg Ferries	WSW	WNW	WSW	NW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE	N	E	N	ESE	N	NNE	NNE	ENE	ENE	E	ESE	SE	SE	SE	SE	
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Exxon 3	10	5	7	8	8	8	9	9	8	10	12	12	15	15	14	10	9	8	7	7	6	6	6	7	7	7	7	7	6	5	5	5	5	5	5	6	7	7
	WSW	WNW	W	NW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE	NNE	N	N	ESE	N	NNE	NNE	ENE	ENE	E	ESE	SE	SE	SE	SE	
Morgans Point	4	2	3	3	4	5	7	7	6	6	8	7	6	7	7	6	6	6	6	5	5	5	5	6	6	6	6	6	6	6	5	4	4	4	4	5	6	6
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75/76	SW	SW	SSW	NW	NW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE	ESE	N	N	ESE	N	NNE	NNE	ENE	ENE	E	ESE	SE	SE	SE	SE	
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63/64	SSW	S	S	NNW	NW	NNW	N	N	N	N	ESE	N	N	N	N	N	N	N	N	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE	NNE	NNE	NE	E	ESE	SE	SE	SE	SE		
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51/52	SSW	SSW	SW	NNW	NNW	ESE	ESE	SE	NNW	N	SSW	N	N	NNW	N	N	N	N	N	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE	NNE	NNE	NE	E	ESE	SE	SE	SE	SE		
	4	4	2	3	3	4	5	2	4	2	3	2	7	9	10	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
37/38	WSW	WNW	N	SW	SE	ESE	ESE	SE	NNW	N	WSW	NNW	NNW	NNW	NNW	N	N	SSW	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	ENE	E	ESE	SE	SE	SE	SE	
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11/12	2	2	1	3	3	3	5	3	3	3	3	3	7	8	11	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	WSW	WNW	N	SW	SE	ESE	ESE	SE	NNW	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	ENE	ESE	ESE	ESE	ESE	ESE	
1 & 2 Bravo	2	1	2	3	3	4	4	3	4	4	4	4	6	9	10	7	7	7	7	7	7	7	7	7	6	7	7	8	8	8	8	8	8	8	7	7	7	7
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	3	4	3	4	4	5	4	4	5	4	7	4	5	12	12	11	10	10	10	10	10	10	10	9	9	9	9	10	10	10	10	10	10	8	7	7	7	7
	SSE	SSW	E	S	ESE	ESE	ESE	SE	S	SSW	W	WSW	WNW	NNW	NNW	N	N	N	N	NNE	NE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	ENE	E	ESE	ESE	ESE		

See slides below for official thoughts on winds.



# Houston Pilots: sat. 12/3/2022



## Forecast Discussion

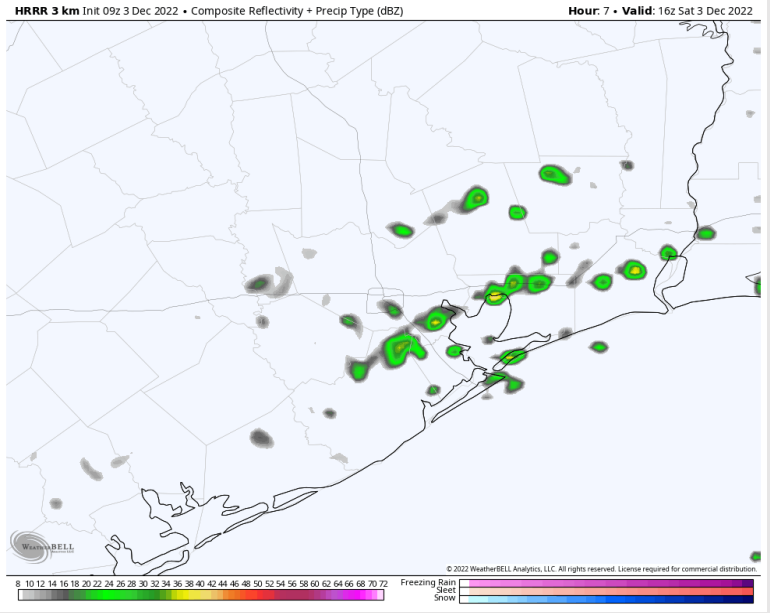
**Precip:** Anticipating a 40% chance of light to continue through 5 PM as a cold front slowly passes to the southeast.

**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.

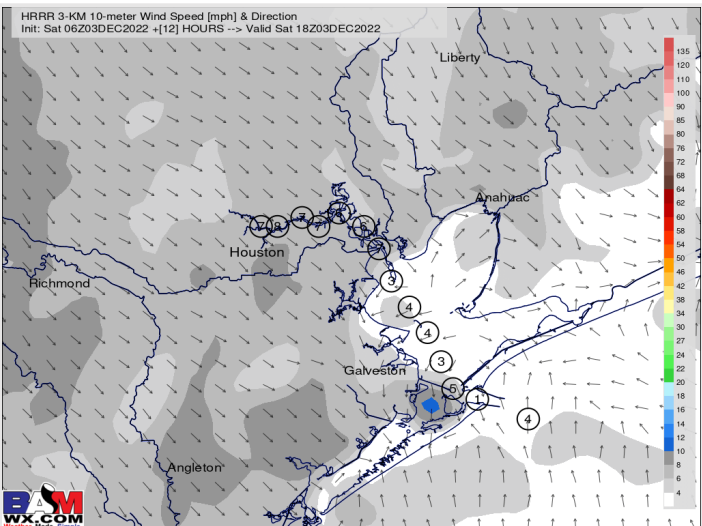
**Temps:** High temps expected to be near 70 F at the boarding station and in the mid 70s F for all other stations.

**Visibility:** Areas of widespread dense fog continue this morning. The fog threat will continue to be possible throughout the day with conditions becoming more patchy after 2 PM and lasting until 6 PM. Lower confidence in exact timing and coverage Saturday PM/Sunday AM for patchy / areas of dense fog. More updates to follow.

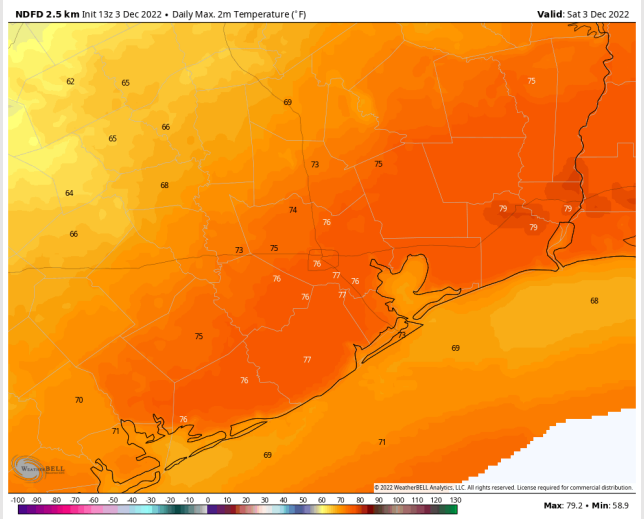
## Precip Forecast: 10 AM CT



Wind Speed  
12 PM CT



High Temps  
Saturday



# 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.

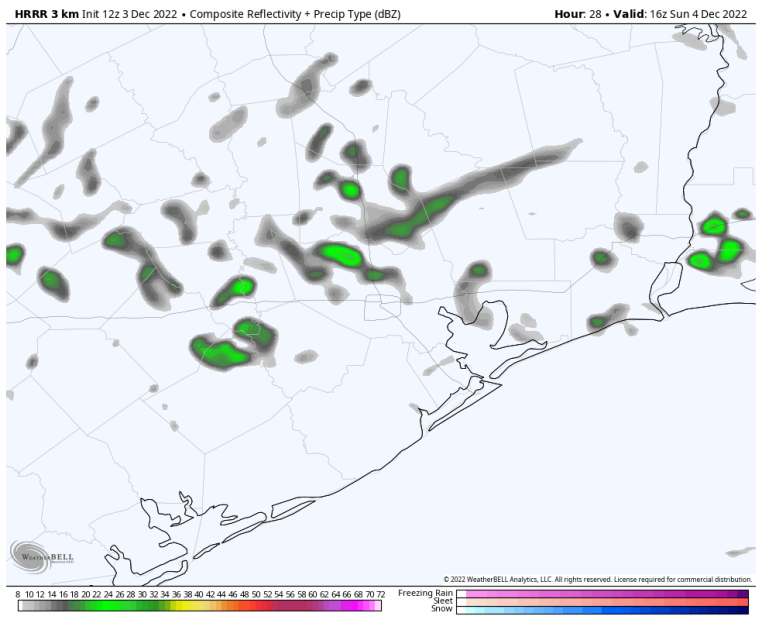
**Wind:** Sustained winds out of the ENE/E through 2PM at 4 – 8 kts, 6 – 10 kts near Alpha / Bravo stations. After 2PM, winds shift to out of the SE through the remainder of the evening, with winds of 8 – 14 kts S of Morgan’s Point, 6 – 10 kts N of Morgan’s Point.

**Temps:** High temps Sunday in the lower to mid 70’s for all locations.

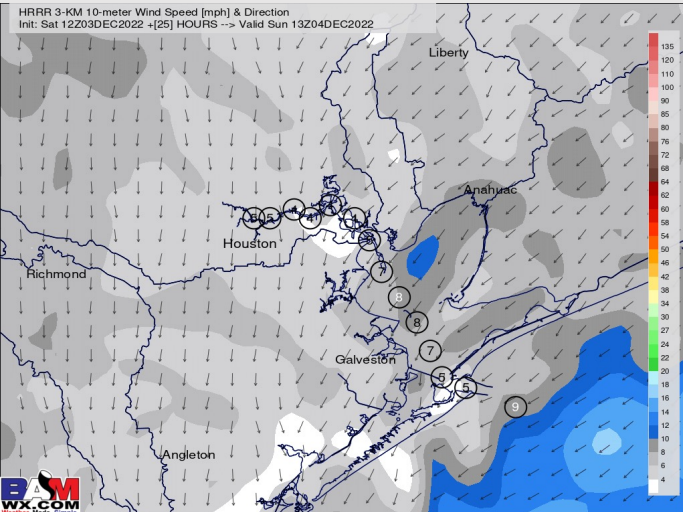
**Visibility:** Lower confidence for timing and coverage for areas of patchy / dense fog Saturday PM / Sunday AM.

Need to also keep an eye on chances for widespread dense fog Sunday PM into Monday AM as winds shift back out of the ESE.

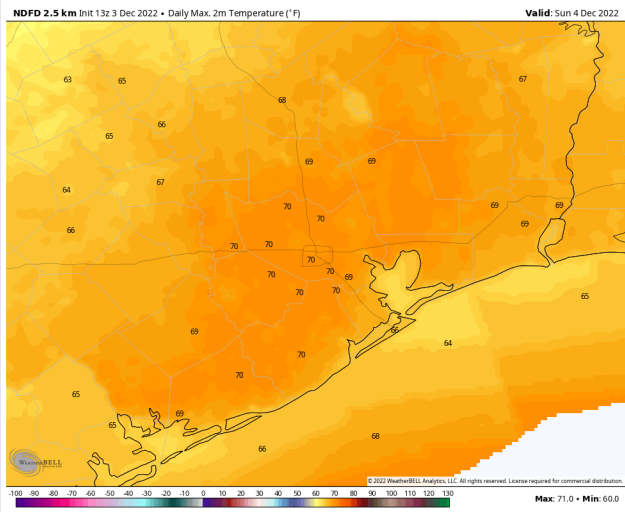
## Precip Forecast: 10 AM CT



## Wind Speed 7 AM CT



## High Temps Sunday AM



# Houston Pilots: Mon. 12/5/2022



## Forecast Discussion

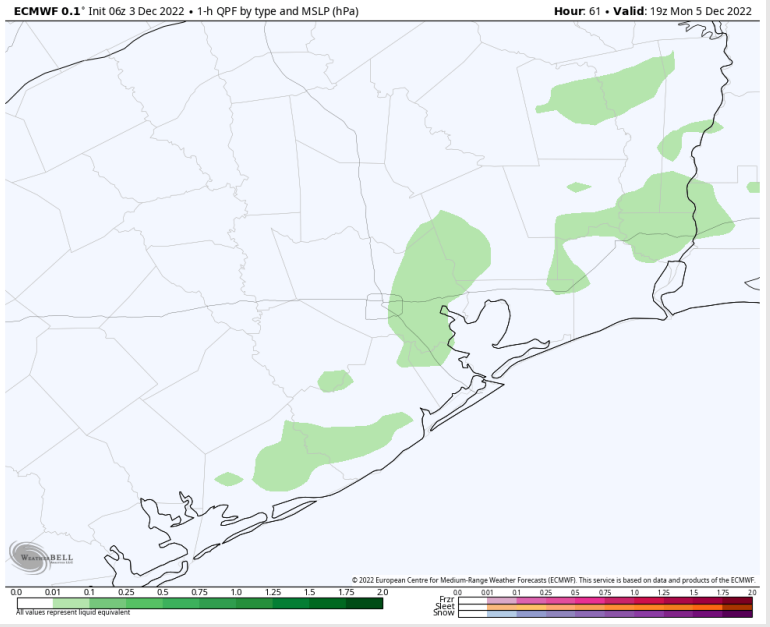
**Precip:** A slight chance (20%) for scattered showers after 4 AM. Anticipating dry conditions after 4 PM.

**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.

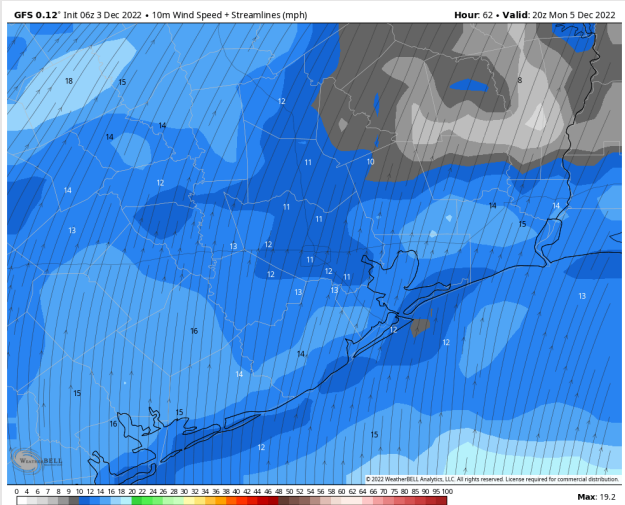
**Temps:** High temperatures Friday will be in the mid to upper 70s F across all stations except the Boarding Station, where temperatures will be around 70 F.

**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.

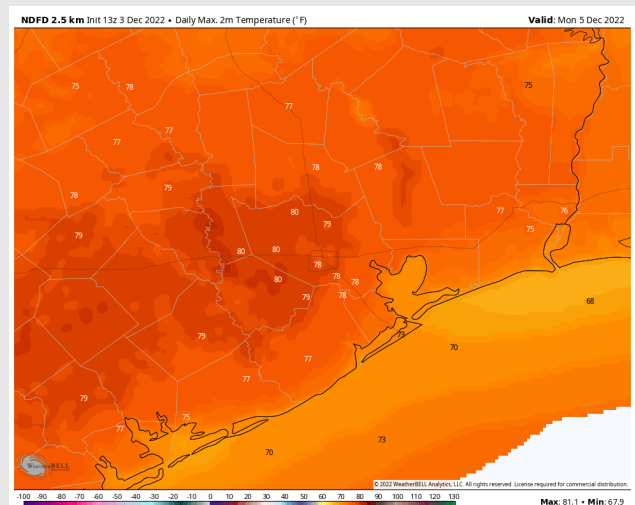
## Precip Forecast: 1 PM CT



Wind Speed  
2 PM CT

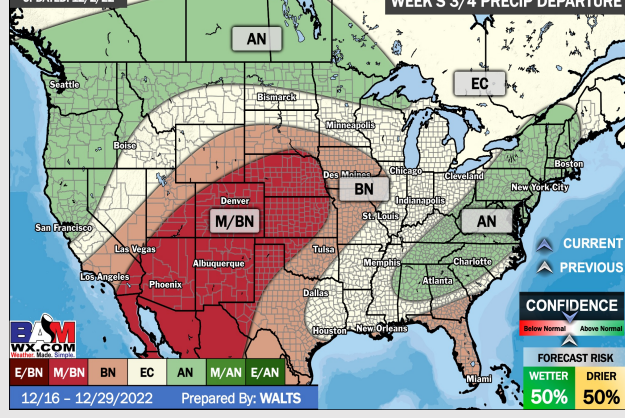
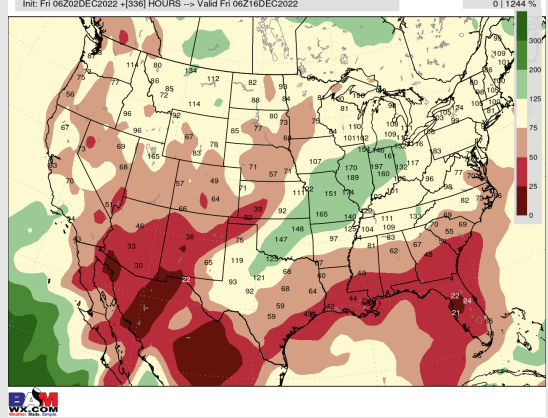
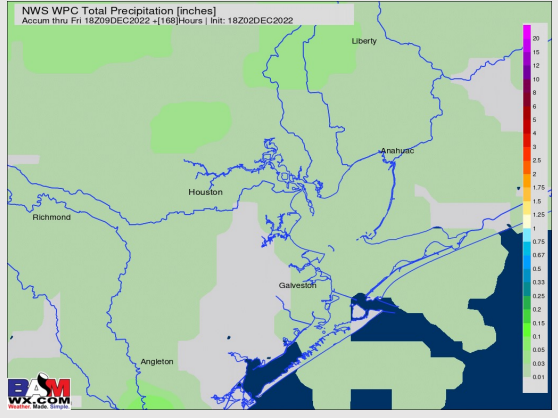
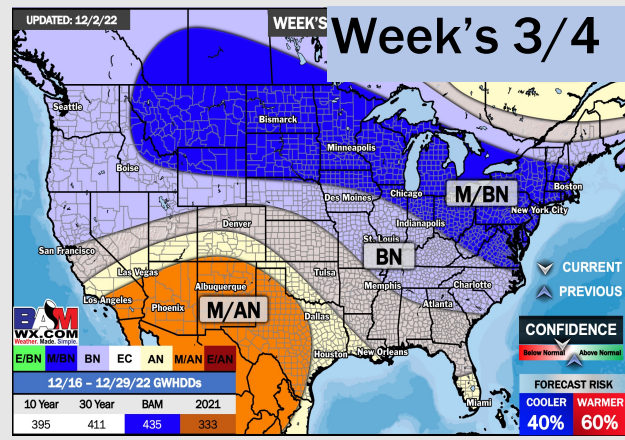
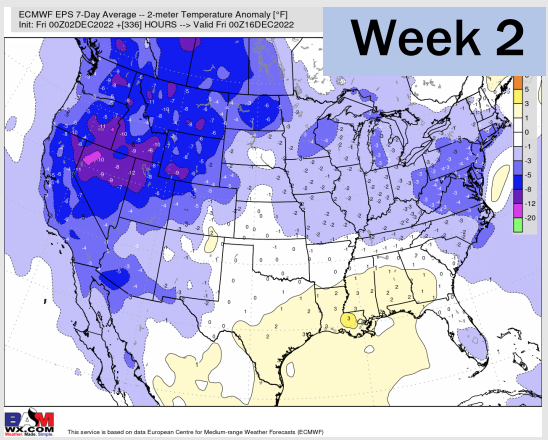
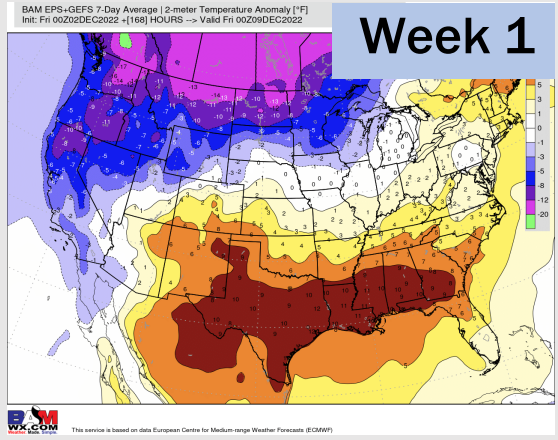


High Temps  
Monday





# 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.