

# Houston Pilots Forecast Package



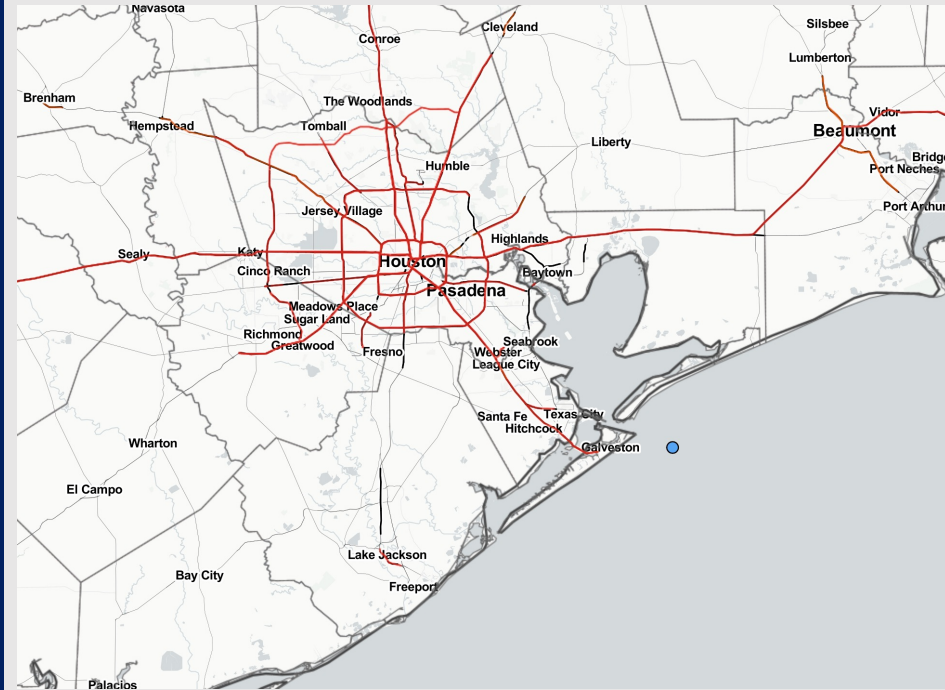
Updated: 2:00 PM CT

Thursday, November 10, 2022

Forecaster: Alyssa McClung

## Weather Headlines

- Storms/showers anticipated to start mid-afternoon on Friday and last through early AM hours on Saturday.
- Sustained calmer winds will continue to come out of the SE today. Next front looks to work into the area around Friday PM and flip the winds from the North.
- Higher winds gusts expected Friday afternoon and Saturday of over 30 kts.
- Anticipating fog to stay N/NW of HOU this morning. Greatest fog risk expected for Friday morning. More details on next slide.



Radar/ NWS Alerts: 2:00 PM CT



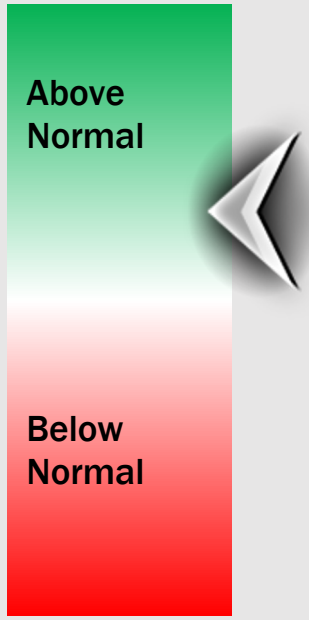
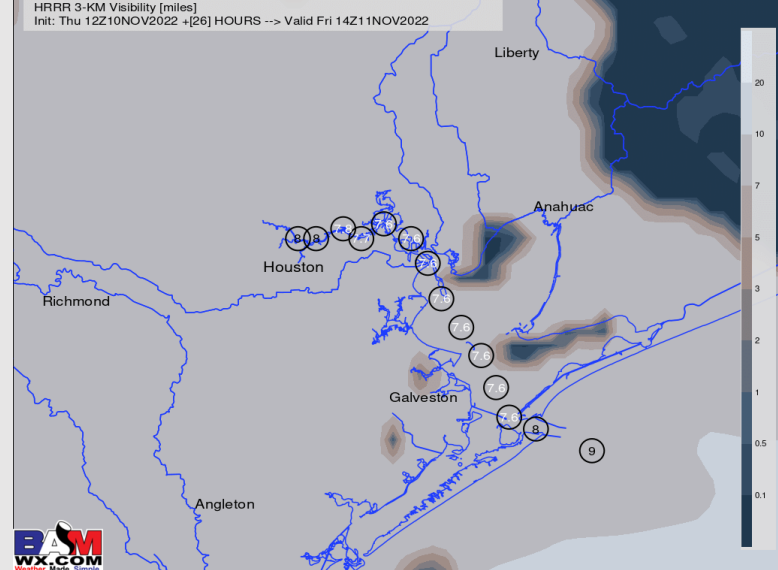
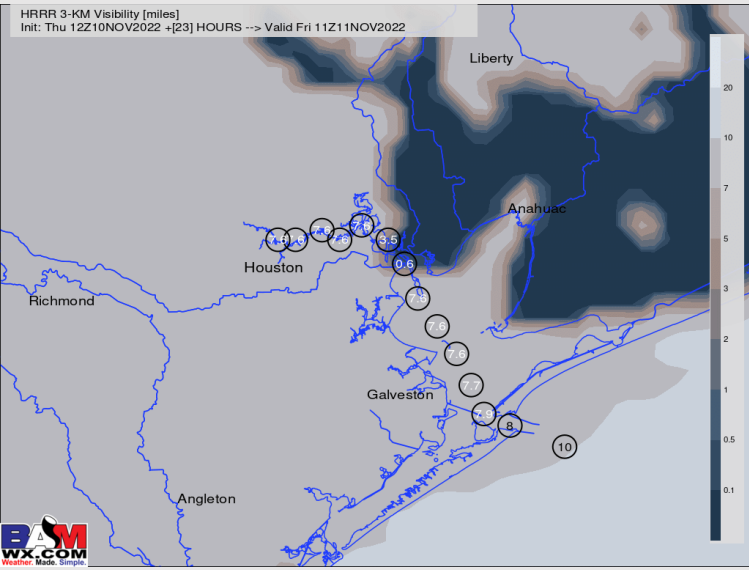
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report

## 5 AM FRI Visibility (miles)

## 8 AM FRI Visibility (miles)

## Confidence

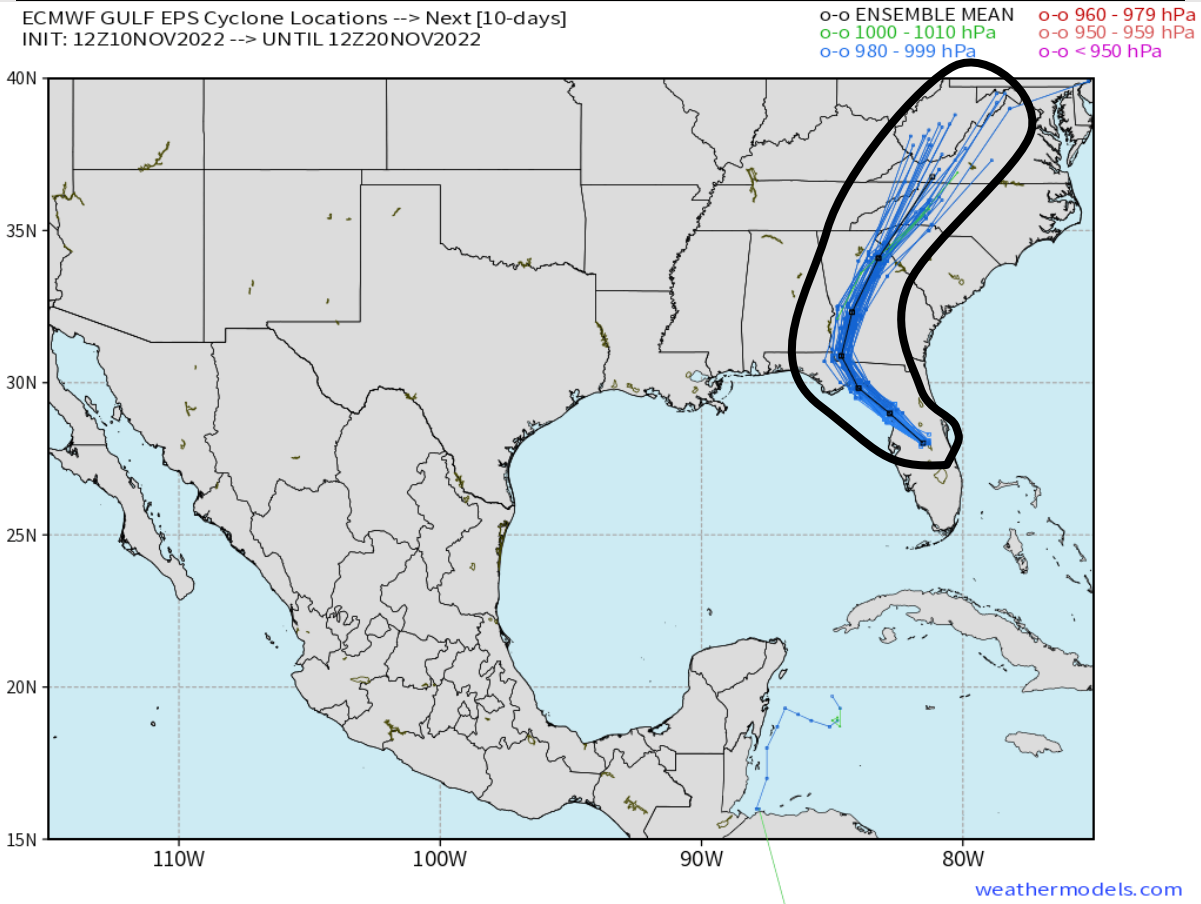


**Reduced Visibility Threat**

2 AM – 9 AM FRI **Medium**

- Anticipating patchy dense fog for stations North of Morgan’s Point between 2 AM – 9 AM CT FRI morning.
- Fog will be most dense and most impactful to stations North of Morgan’s Point between 5 AM – 7AM.
- Anticipating visibility of less than 0.5 mile. After 7 AM fog will become even more patchy with visibility of 0.5 – 1 mile.

## European Data Tracks Next 10 Days



**Tropical Storm Nicole will continue to weaken as it moves through Central and NW FL. Confidence is very high for storm to veer NE through the Eastern US. No concerns or direct impacts for SE TX.**

### Confidence



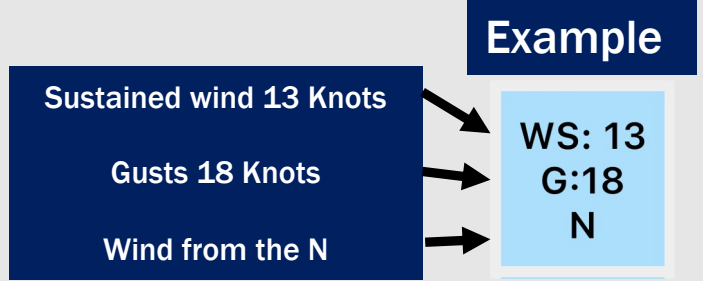
Above Normal      Below Normal

# Houston Pilots Visibility Report



Time	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	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			
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	9	6	6	6	6	5	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	9	6	6	6	6	5	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	9	6	6	6	5	5	5	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	9	6	6	6	7	7	7	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	9	6	6	6	7	7	7	7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	9	6	6	6	7	7	7	7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	9	6	6	6	7	7	7	7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
75/76	10	10	10	10	10	10	10	10	10	10	10	10	9	7	6	6	7	7	7	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
63/64	10	10	10	10	10	10	10	10	10	10	10	10	9	7	6	6	7	7	7	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
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37/38	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	7	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
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# Houston Pilots Wind Report



Time Knots	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	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		
610 Bridge	4	4	4	6	6	5	4	3	3	2	2	3	1	1	1	1	2	1	2	2	2	3	4	5	6	6	7	6	7	8	9	11	11	11	11	12	12	
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	SE	ESE	E	E	ESE	SE	SSE	SSE	SSE	S	ESE	ESE	E	SSW	NE	SE	SSE	SE	SSE	S	SSW	SSW	SW	SW	SW	WSW	W	W	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW		
Kinder 1	5	4	4	6	6	5	4	3	3	2	2	3	1	1	1	1	2	1	2	2	3	4	5	6	6	7	7	7	8	9	10	11	11	11	11	12	13	
	6	7	6	7	8	10	11	10	9	8	6	6	4	2	2	2	2	2	2	4	5	6	8	10	10	11	10	11	12	13	17	18	18	20	20	21		
	ESE	ESE	E	E	ESE	SE	SSE	SSE	SSE	SSE	E	ESE	ESE	W	ESE	SE	SSE	SE	SSE	S	SSW	SSW	SW	SW	WSW	WSW	W	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW			
Greens Bayou	6	5	4	5	5	5	4	3	3	2	2	3	2	0	1	1	2	1	2	2	3	4	5	6	7	7	7	7	8	8	10	11	11	11	12	13		
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	ESE	ESE	ESE	ESE	ESE	SE	SSE	SSE	SSE	SE	ESE	ESE	SE	NW	SSW	SSE	SSE	SSE	SSE	S	SSW	SSW	SW	SW	SW	SW	SW	SW	NNW	NNW	NNW	NNW	NNW	NNW	NNW			
Shell Crude	6	5	4	5	5	5	4	3	3	3	2	2	0	1	1	1	2	1	1	2	3	4	5	6	7	7	7	7	8	8	10	11	11	12	12	13		
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Lynchburg Ferries	6	5	4	4	5	5	4	3	3	3	2	2	0	0	1	2	1	2	2	3	4	5	6	7	8	7	7	8	8	10	11	12	12	12	13			
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Exxon 3	6	5	4	4	5	5	5	3	3	3	3	2	3	1	0	1	2	1	2	2	3	4	5	6	7	7	7	8	7	8	9	11	12	12	13	14		
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Morgans Point	5	6	4	5	5	6	6	4	5	4	4	3	3	2	0	2	2	2	2	3	4	5	6	7	7	8	8	7	8	10	12	12	13	14	15			
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75/76	5	7	5	6	7	8	8	6	6	5	4	3	3	2	1	3	3	2	2	3	3	4	6	7	7	7	8	8	8	10	13	14	15	16	17			
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63/64	5	7	5	6	7	8	7	6	6	6	3	3	2	1	1	3	3	3	3	3	3	4	6	7	8	8	8	8	8	11	14	15	16	18	18			
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51/52	5	6	5	6	7	8	6	6	6	6	3	2	3	1	1	3	3	3	3	3	3	4	5	6	6	8	8	8	9	8	11	15	15	17	19	19		
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37/38	6	6	6	7	7	7	5	5	6	6	4	2	2	2	0	3	3	3	3	3	3	4	5	6	7	8	8	8	9	8	11	15	15	17	19	20		
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25/26	6	7	5	8	7	7	5	5	5	6	4	3	2	3	1	3	3	2	2	3	3	4	5	6	6	6	8	8	8	8	10	14	15	18	19	20		
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11/12	6	7	5	7	8	8	6	6	6	7	6	4	3	3	2	3	3	3	2	3	3	4	5	6	6	6	8	8	8	8	10	14	15	18	19	20		
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	E	E	E	E	ESE	ESE	SE	SE	SSE	SSE	SSE	S	S	SW	SSW	SSW	S	SSE	SSE	SSE	S	S	S	SSE	SSE	SSE	S	SSW	WSW	NW	NNW	NNW	NNW	NNW	NNW			
1 & 2 Bravo	5	7	5	7	9	9	8	7	7	9	8	6	5	4	3	4	4	3	3	3	3	4	4	5	6	7	8	8	9	9	11	14	16	19	20	21		
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	ENE	E	ENE	E	E	ESE	SE	SE	SE	SE	SSE	SSE	S	S	SSW	SSW	SSW	SSW	S	S	S	SSE	S	S	S	SSE	SSE	SSE	S	S	SW	WNW	NNW	NNW	NNW	NNW		

See slides below for official thoughts on winds.



# Houston Pilots: Thur. 11/10/2022



## Forecast Discussion

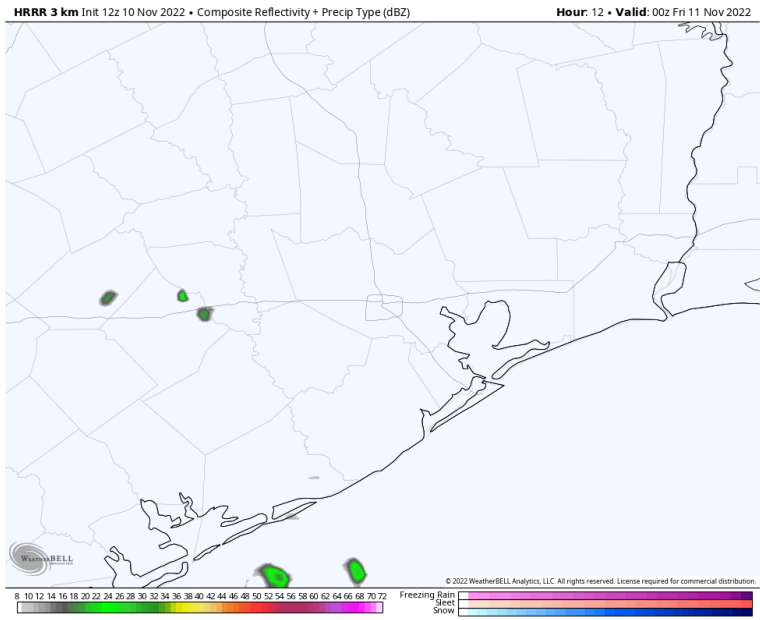
**Precip:** Anticipating dry conditions throughout the rest of the day.

**Wind:** Sustained SE winds for all stations expected to be 6 – 11 kts for the rest of the day.

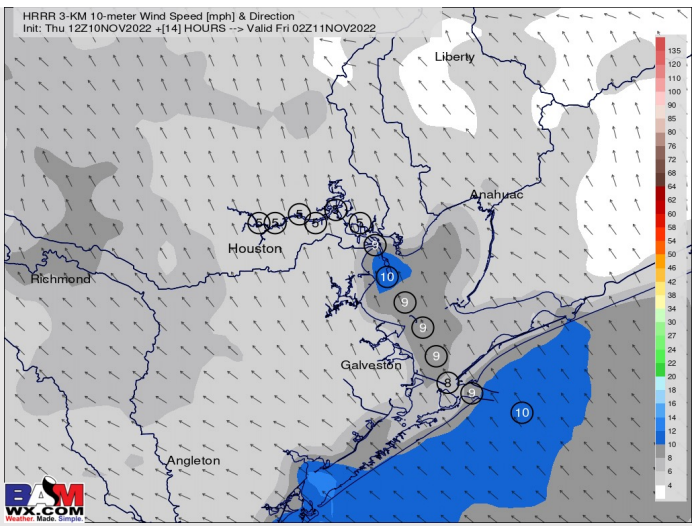
**Temps:** Low temps Friday morning in the low 70s F at the boarding station and in the mid 60s F for all other stations.

**Visibility:** No concerns for reduced visibility at this time.

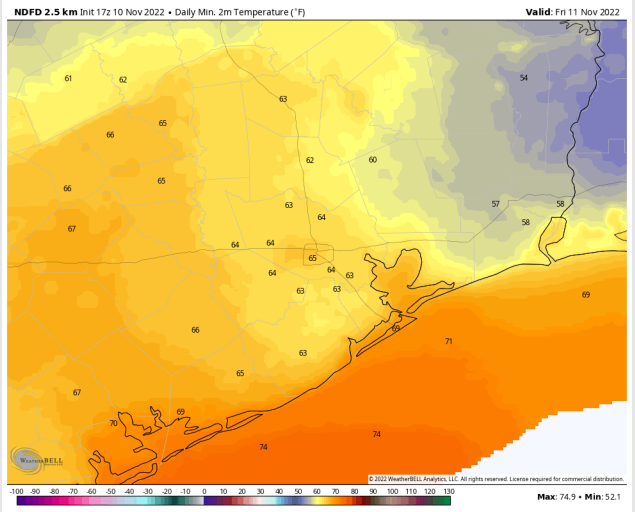
## Precip Forecast: 6 PM CT



Wind Speed  
8 PM CT



Low Temps  
FRI AM



# Houston Pilots: Fri. 11/11/2022



## Forecast Discussion

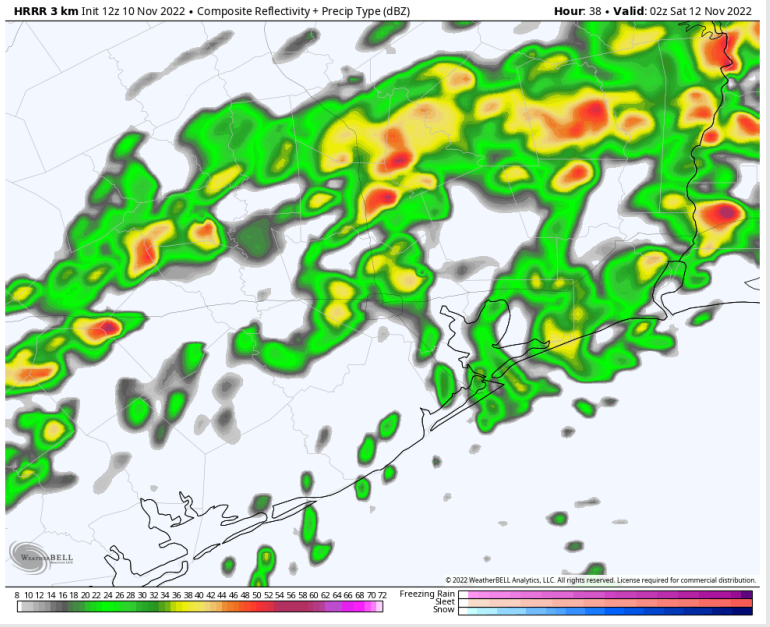
**Precip:** Anticipating dry conditions for the early AM hours. Around 10 AM showers/storms will begin to move into the area and become more widespread (60%) by 3-4 PM. From 7 PM through midnight showers/storms will be at 70% coverage. Expecting lightning and locally heavy downpours.

**Wind:** Variable winds with a southerly orientation favored throughout the day at 1 – 6 kts across all stations. By 6 PM winds shift from the NW and increase to 12 – 17 kts for stations north of Morgan’s Point and 17-22 kts south of Morgan’s Point. Wind gusts of 30+ kts possible for all stations after sundown.

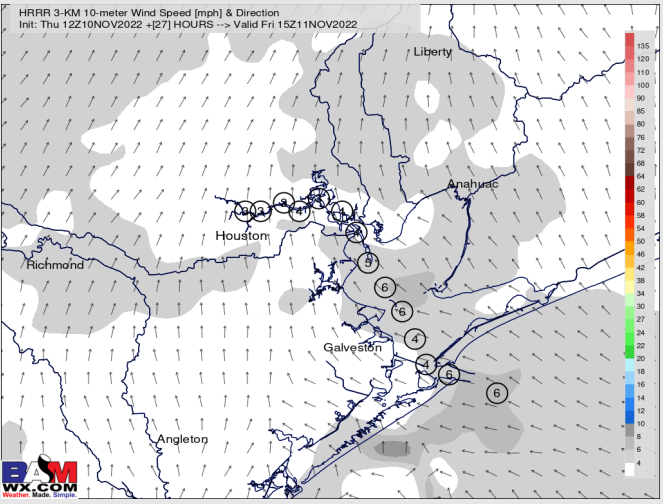
**Temps:** High temperatures will be in the mid to upper 70s/near 80 F across all stations on Friday.

**Visibility:** Patchy/dense fog between 2 – 9 AM for stations N of Morgan’s Point. Reduced visibility of 0.5 Mile will be a risk throughout this duration.

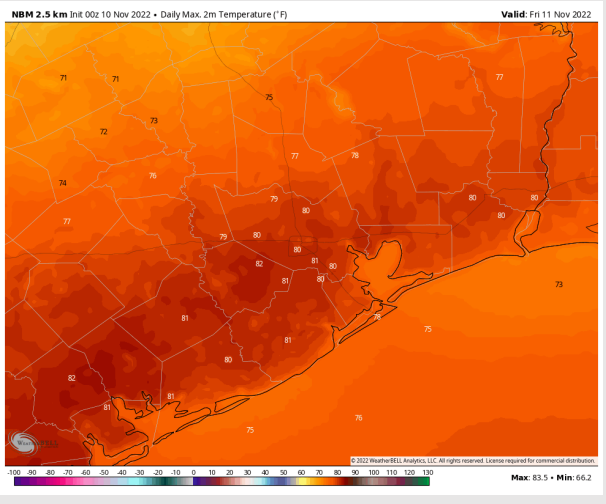
## Precip Forecast: 8 PM CT



Wind Speed  
9 AM CT



High Temps  
Friday



# Houston Pilots: sat. 11/12/2022



## Forecast Discussion

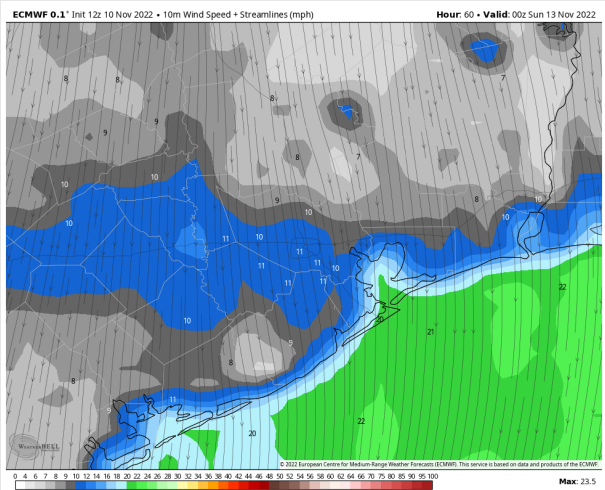
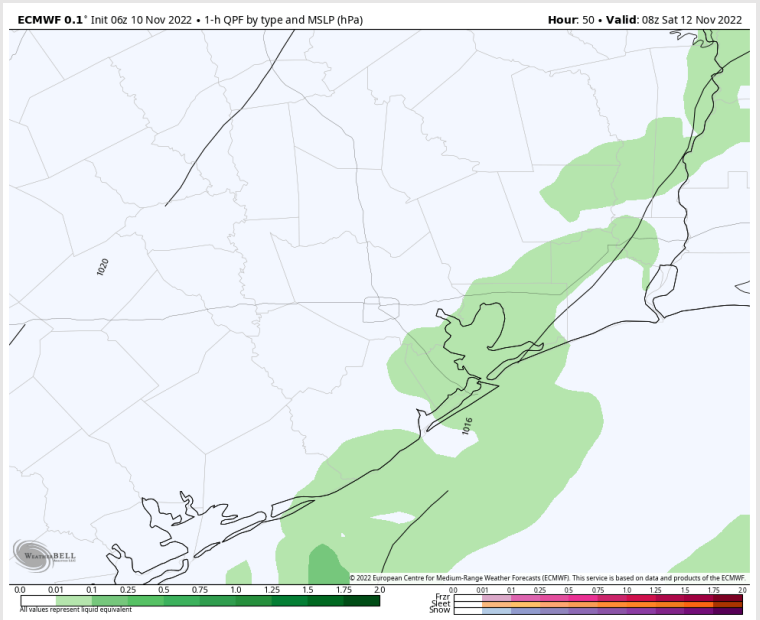
**Precip:** Anticipating shower chances to continue through 3-4 AM on Saturday morning. After 3-4 AM, expecting dry conditions the rest of the day.

**Wind:** Winds generally out of the NNW throughout majority of the day. Sustained winds for stations north of Morgan's Point at 10-15 kts and stations south of Morgan's Point at 17-23 kts. Around 8 PM, winds will veer from the NE. Winds gusts of 30+ kts possible all day Saturday.

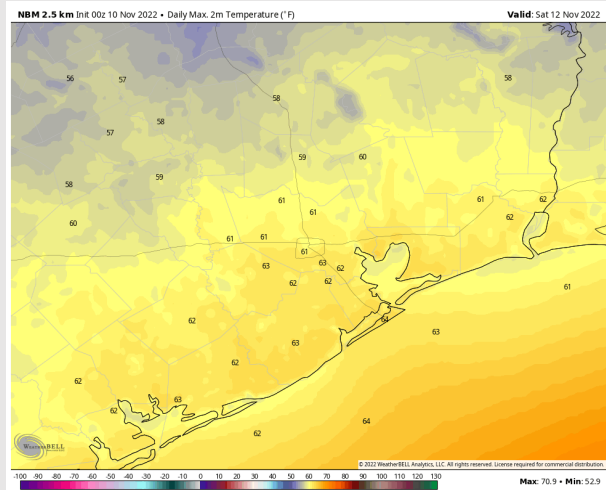
**Temps:** High temperatures Saturday in the low/mid 60s F for all stations.

**Visibility:** Not anticipating visibility concerns at this moment.

## Precip Forecast: 2 AM CT



Wind Speed  
6 PM CT



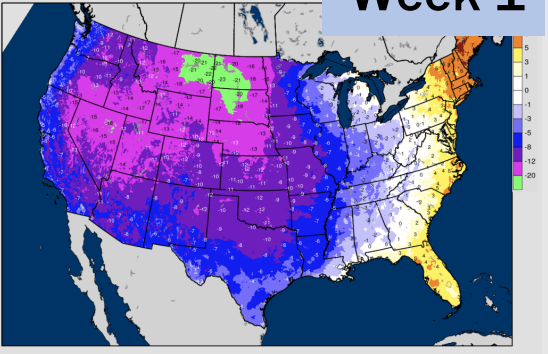
High Temps  
Saturday



# Houston Pilots: 11/10/22

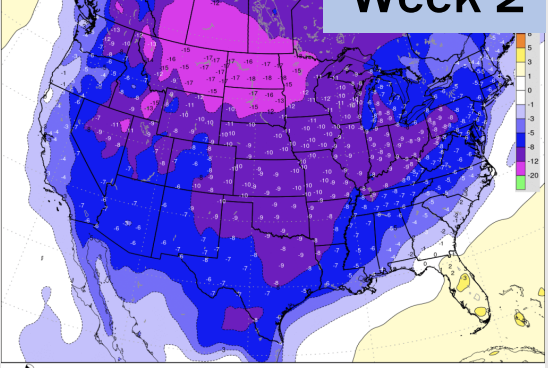
BAMcast Average Temperature Anomaly (°F)  
7-DAY AVG for Thu 10NOV2022 thru Wed 16NOV2022 Days 1 to 7

## Week 1

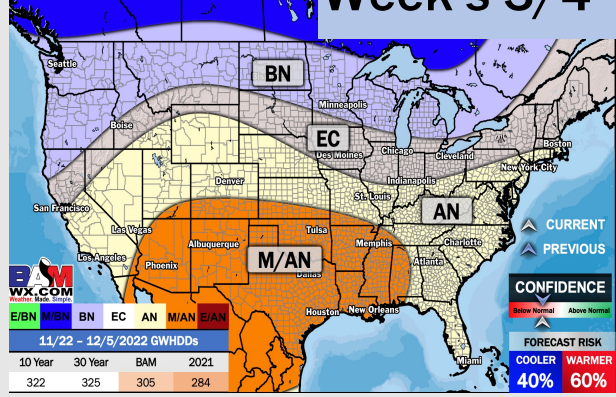


BAM EPS-GEFS 7-Day Average |2-meter Temperature Anomaly (°F)  
Init: Thu 00Z10NOV2022 +[336] HOURS -> Valid Thu 00Z24NOV2022

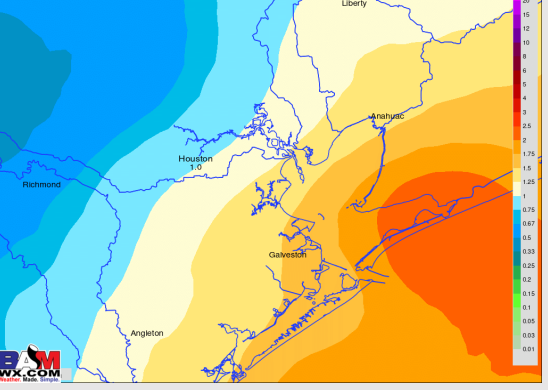
## Week 2



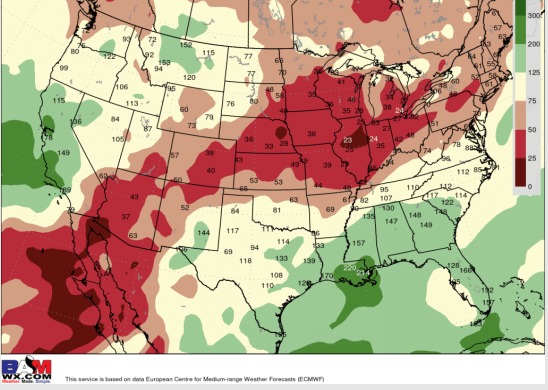
UPDATED: 11/8/22 WEEK'S Week's 3/4



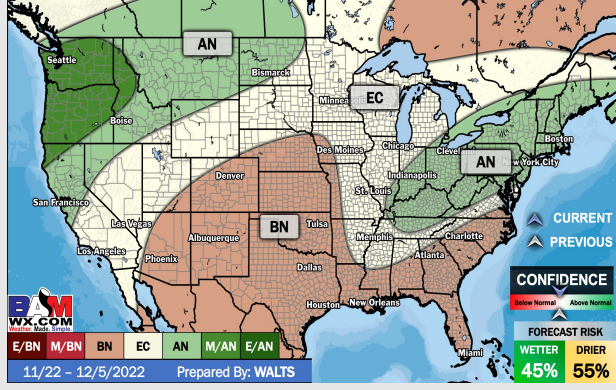
NWS WPC Total Precipitation [inches]  
Accum thru Thu 12Z17NOV2022 +[168] hours Init: 12Z10NOV2022



ECMWF EPS 7-Day Precipitation [% of Normal] | Ensemble Mean  
Init: Thu 00Z10NOV2022 +[336] HOURS -> Valid Thu 00Z24NOV2022



UPDATED: 11/8/22 WEEK'S 3/4 PRECIP DEPARTURE



- Temperatures expected to be below normal this week. Better chances for precipitation arrive Friday afternoon into Saturday morning.
- Week 2 to feature below normal temperatures and above normal precipitation.
- The weeks 3/4 timeframe looks to feature above normal temperatures and slightly below normal risks for precipitation.