

Houston Pilots Forecast Package



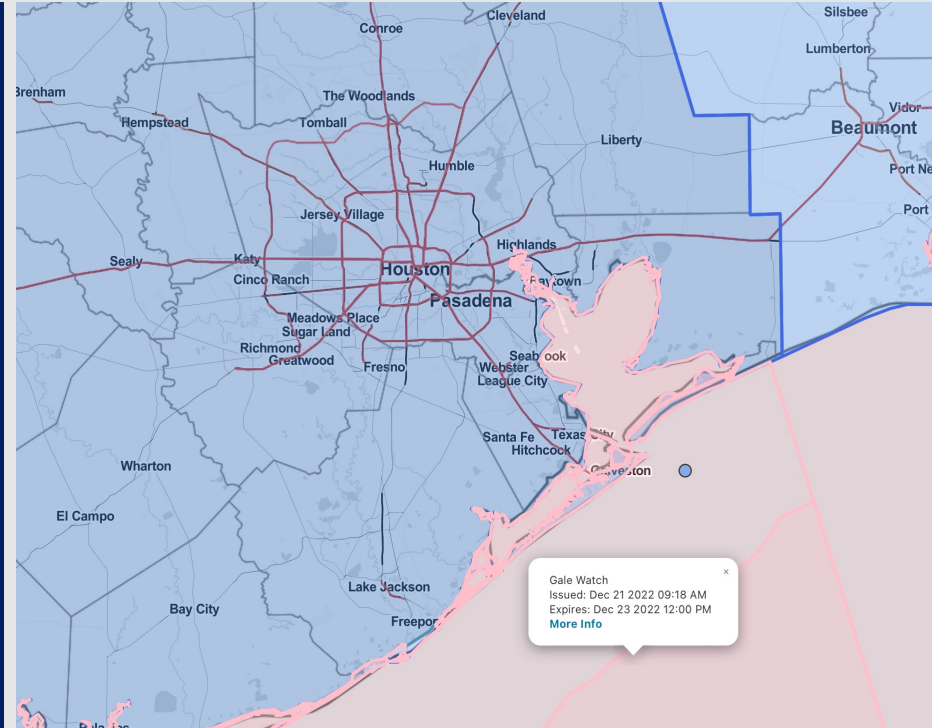
Updated: 12:45 PM CT

Wednesday, December 21, 2022

Forecaster: Alyssa McClung

Weather Headlines

- Anticipating a minor chance for a light shower Thursday but overall favoring mostly dry conditions.
- Anticipating calm winds this evening. Thursday and Friday will be breezy days with winds ranging from 15 – 30 kts. Eyeing 35 – 45-kt potential gusts late Thursday night into early Friday morning.
- The pattern ahead looks rather unfavorable for fog. We will watch trends closely, but a primarily Northerly wind with drier air should really limit fog chances over the next 7 - 10 days.
- Towards the end of the week temperatures are expected to be well below average. Temperatures Friday will be in the mid to low 30s F across all stations.



Radar/NWS Alerts: 12:45 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 Extended Range Visibility Report



Saturday 12/24/22

No fog expected for Saturday as northerly winds continue.



Sunday 12/25/22

No fog expected for Christmas day as winds will yet again be from the NW.



Monday 12/26/22

No Fog expected for Monday; however, winds will shift from the SE in the morning, then shift back from the NW in the afternoon.



Chance for Reduced Visibility

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

Houston Pilots Wind Report



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	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 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm		
610 Bridge	2	2	3	5	5	4	3	4	3	3	2	3	3	2	3	2	2	2	2	2	2	2	2	3	5	6	7	10	13	14	16	18	18	18	17	16	16	
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Kinder 1	NW	NW	NW	NW	NW	NNW	NW	NW	NNW	SW	W	S	SSW	N	NNW	WSW	NW	WNW	SSW	SSW	S	SSW	SSW	SW	WSW	WSW	W	WNW	NW	NNW	NNW	NNW	NNW	N	N	N		
	1	2	3	5	5	4	3	3	3	2	2	2	3	2	3	2	2	2	2	2	2	2	2	3	4	6	7	10	12	13	15	17	17	17	17	16	16	
Greens Bayou	2	5	8	8	8	7	7	7	7	6	5	7	5	4	2	2	3	2	2	2	2	2	3	3	5	7	11	13	15	18	20	23	25	27	29	29	29	
	N	WNW	NW	NW	NW	NW	NW	NNW	NNW	SW	W	S	SSW	N	NNW	W	NNW	WNW	SSW	SSW	S	SSW	SSW	SW	WSW	WSW	W	W	NW	NW	NNW	NNW	NNW	NNW	N	N	N	
Shell Crude	1	2	3	4	5	4	3	2	2	2	1	2	3	3	3	2	1	2	2	2	2	2	3	3	4	6	8	10	12	14	16	17	18	18	18	17	16	16
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Lynchburg Ferries	N	W	NW	NW	NW	NW	NNW	N	SSW	SW	S	SSW	WNW	NW	W	N	NW	SW	SSW	S	SSW	SSW	SW	WSW	WSW	W	W	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	
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Exxon 3	2	5	8	9	8	7	7	7	6	6	4	6	8	6	4	3	3	3	3	3	3	3	3	4	5	7	10	12	15	18	20	23	25	27	29	29	28	28
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Morgans Point	1	2	3	4	5	4	3	2	2	3	1	2	3	3	3	4	3	3	3	3	3	4	4	4	5	6	8	10	12	14	16	17	19	19	19	19	19	19
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1 & 2 Bravo	4	4	5	6	7	5	3	3	6	5	6	6	7	5	4	3	3	3	3	3	3	3	3	3	4	4	5	7	9	11	15	17	20	22	23	23	24	24
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610 Bridge	2	5	8	7	7	6	3	3	5	5	6	5	5	5	4	4	4	3	3	3	3	3	3	3	4	5	6	7	9	11	15	17	21	24	24	25	25	25
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1 & 2 Bravo	N	WNW	NNW	NNW	NNW	N	N	N	W	W	SSW	W	SW	SSW	W	SSW	SW	W	SSW	SSW	SSW	SSW	SSW	SSW	W	WSW	W	W	WNW	WNW	NNW	NNW	NNW	NNW	NNW	N	N	
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1 & 2 Bravo	4	6	9	9	9	8	6	6	5	3	5	6	10	12	12	7	7	7	6	6	6	7	6	7	7	8	10	12	14	17	21	24	29	30	30	31	31	
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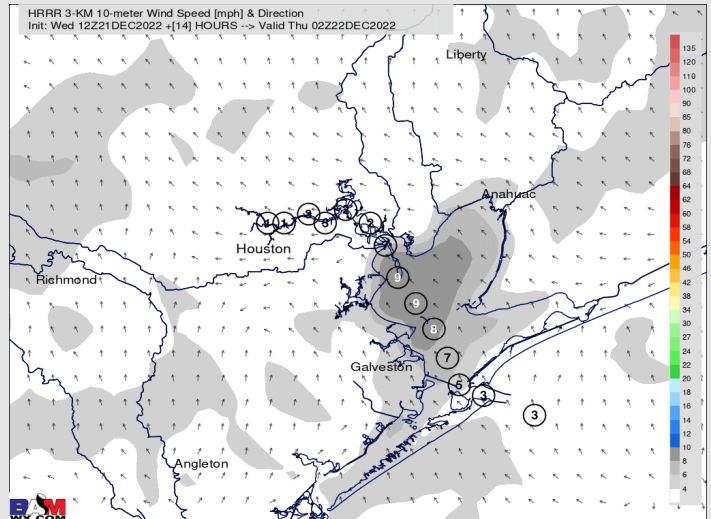
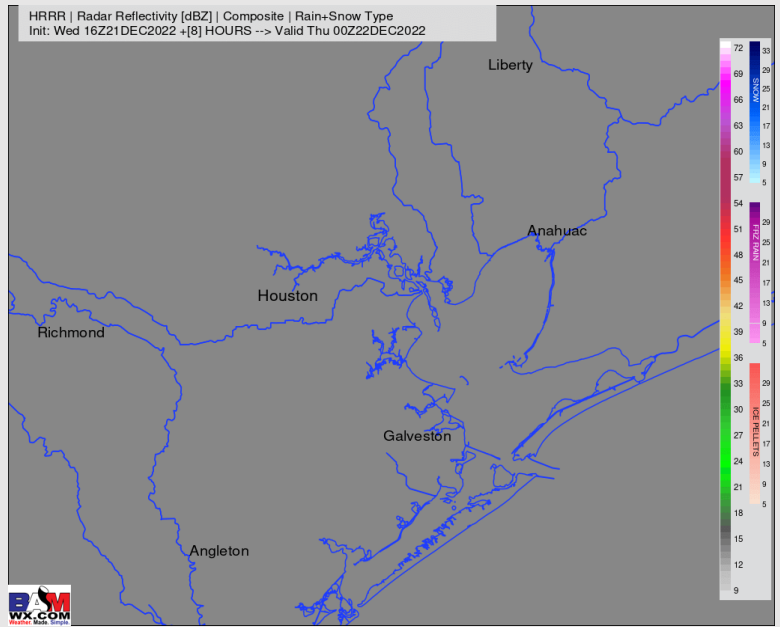
Houston Pilots: Wed. 12/21/2022



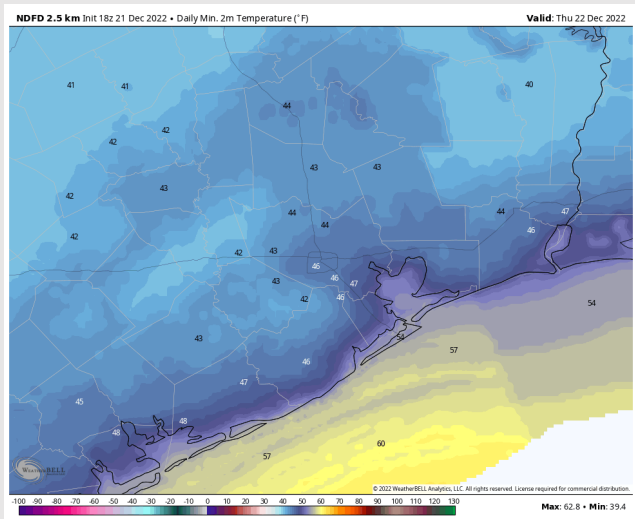
Forecast Discussion

- Precip:** Anticipating dry conditions for the rest of the day today.
- Wind:** Winds continue out of the NW and will become more variable later into the afternoon. After 8 PM, winds shift more out of the SE around 3 – 6 knots where they will continue through the rest of the evening.
- Temps:** Low temps Thursday morning
- Visibility:** Not anticipating any visibility concerns at this time.

Precip Forecast: 6 PM CT



Wind Speed 8 PM CT



Low Temps Thursday AM

Houston Pilots: Thur. 12/22/2022



Forecast Discussion

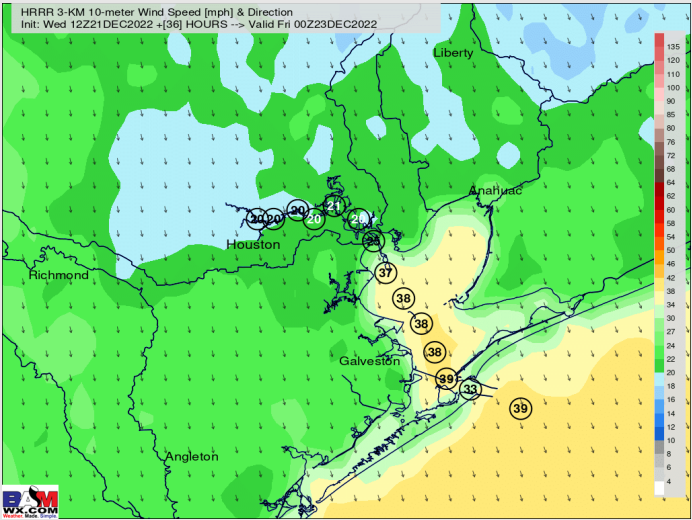
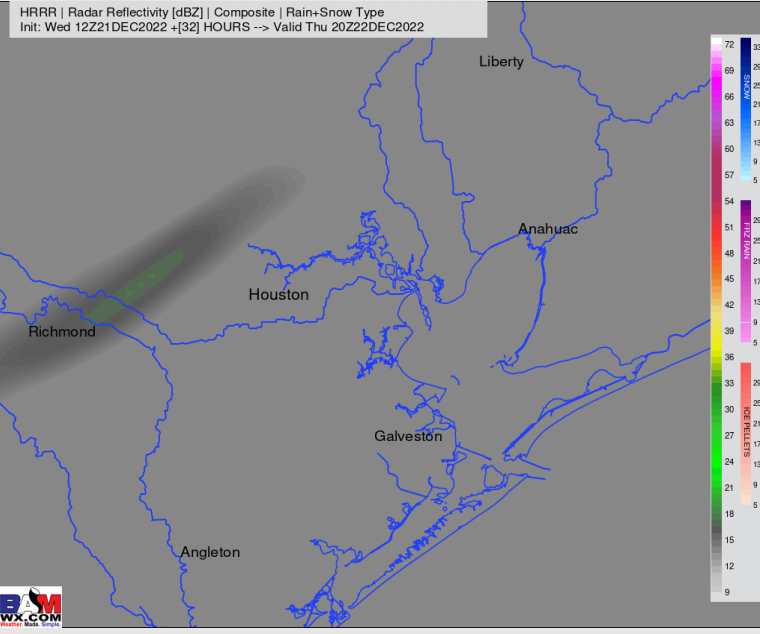
Precip: Anticipating dry conditions for Thursday. A dry cold front will push through in the afternoon bringing a 10% chance for light showers around 2 PM.

Wind: Light SE winds in the morning will shift from the NE in the mid afternoon. Winds will be 4 – 9 kts throughout the AM hours. From 12 PM – 6 PM winds will rapidly increase to 16 – 21 kts N of Morgan’s Point, and 20 – 28 kts S of Morgan’s Point (by 6 PM). Boarding station winds will be particularly strong by the mid afternoon, ranging from 26 – 30 kts. Winds will remain at respective speeds for the rest of the afternoon and evening. Wind gusts in the afternoon hours from 4 PM through midnight can range from 35 – 45+ kts . This will be a gusty day.

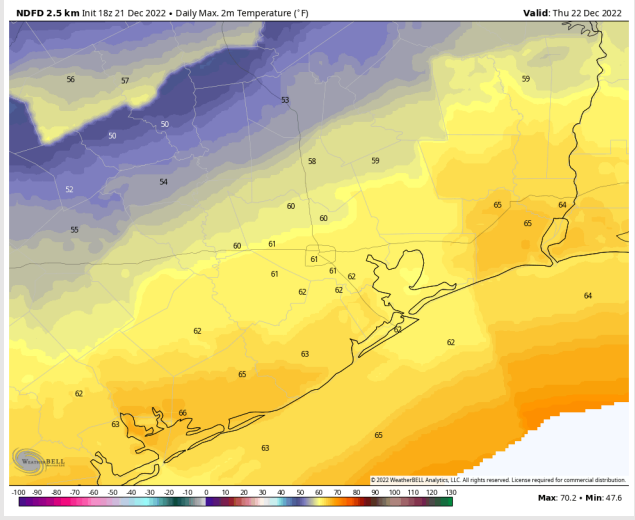
Temps: High temps Thursday will be in the low 60s F across all stations.

Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 2 PM CT



Wind Speed
6 PM CT



High Temps
Thursday

Houston Pilots: Fri. 12/20/2022



Forecast Discussion

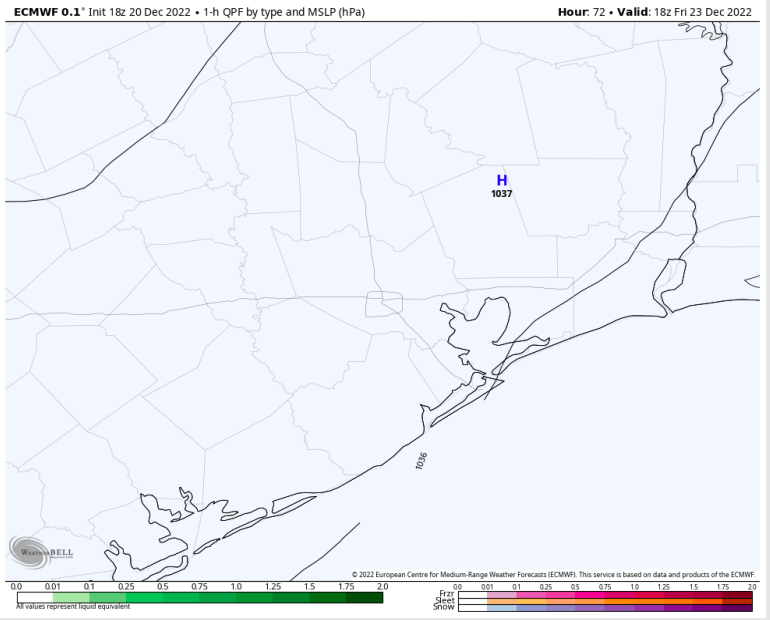
Precip: Dominant high pressure will allow for a dry day Friday.

Wind: Sustained winds from the North for the entire day will slowly decrease as the day goes on across all stations. At 6 AM winds N of Morgan's Point will be 10 – 16 kts and S of Morgan's Point will be 17 – 24 kts. From 6 AM to 6 PM winds across all stations will decrease slightly to 8 – 12 kts N of Morgan's Point and 14 – 20 kts S of Morgan's Point and remain as such for the rest of the evening. **Wind gusts at the Boarding station could be up to 40 kts in the early morning (12 – 5 AM). Otherwise, gusts can range from 25 – 30 kts across all stations until 2 PM.**

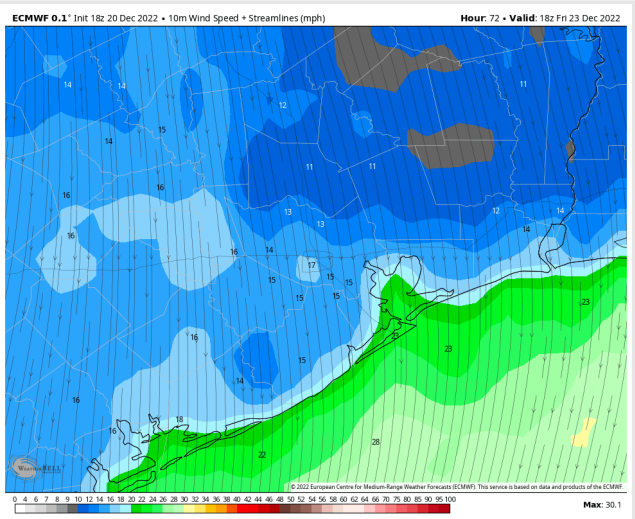
Temps: Well below average temperatures Friday will be in the mid to low 30s F across all stations.

Visibility: Not anticipating any visibility concerns.

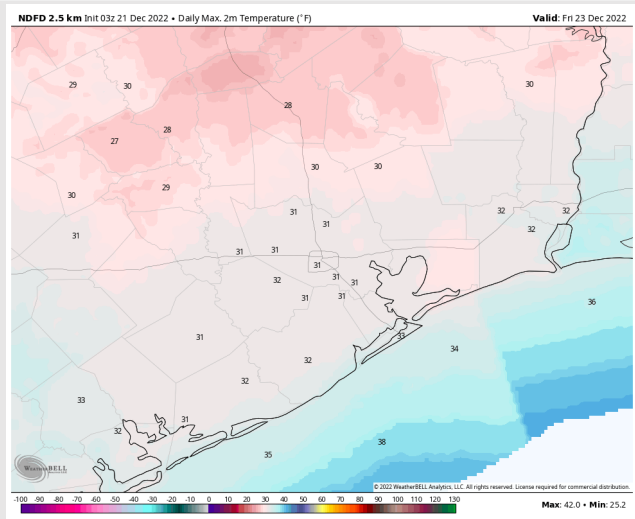
Precip Forecast: 12 PM CT



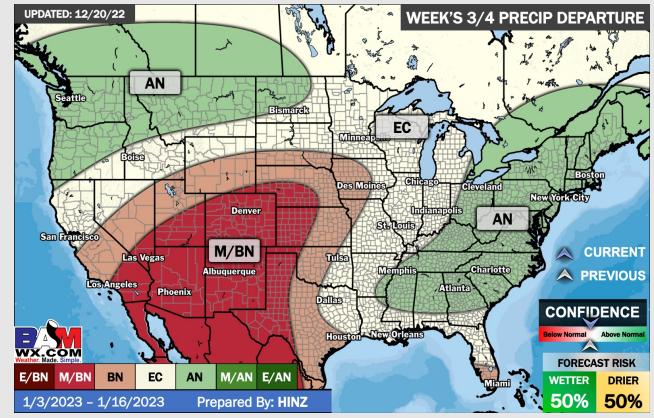
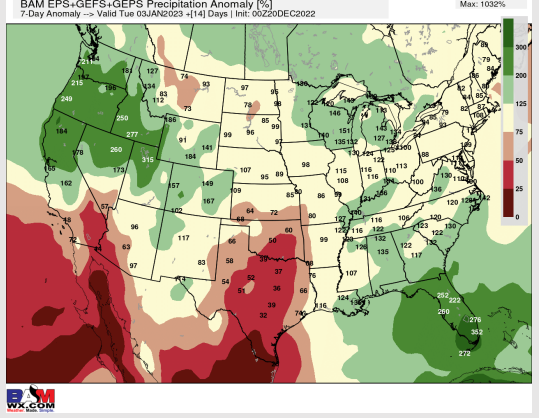
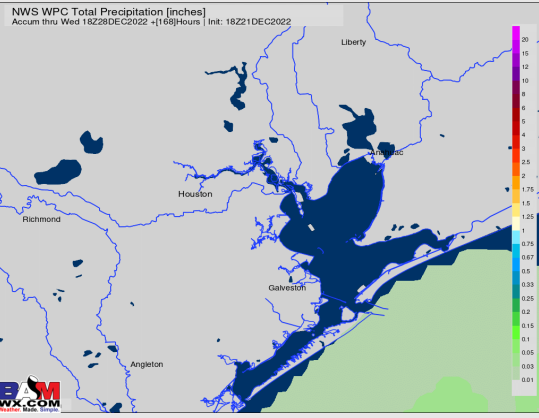
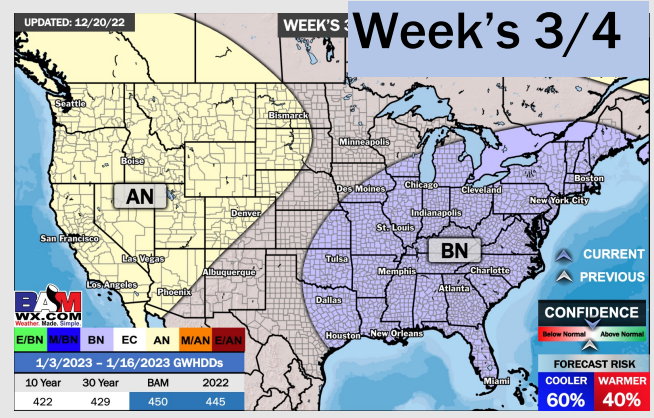
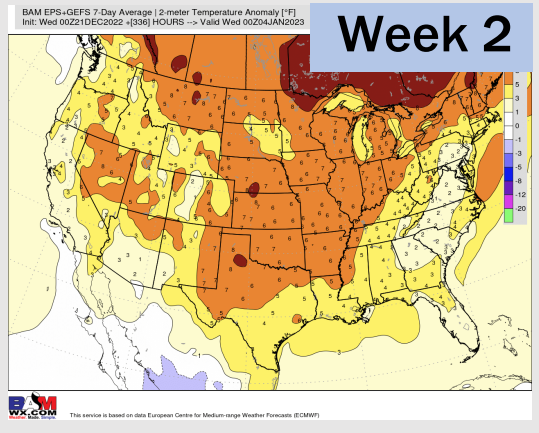
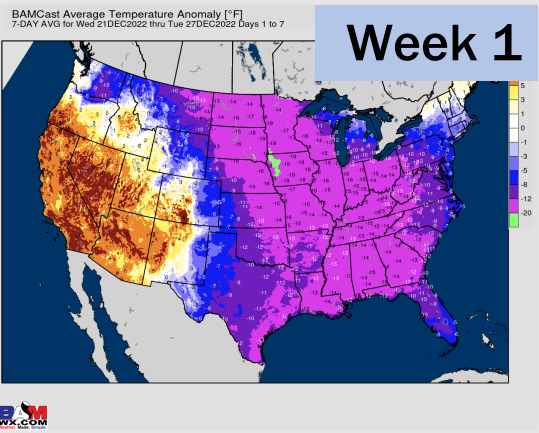
Wind Speed
12 PM CT



High Temps
Friday



Houston Pilots: 12/21/22



- An overall dry forecast is expected the next several days. Temperatures to remain much below normal.
- Week 2 precipitation is expected to be at/ below normal for the week 2 timeframe. Temperatures are to be above normal.
- Below normal moisture and cooler weather is expected in the weeks 3/4 timeframe.