

Houston Pilots Forecast Package



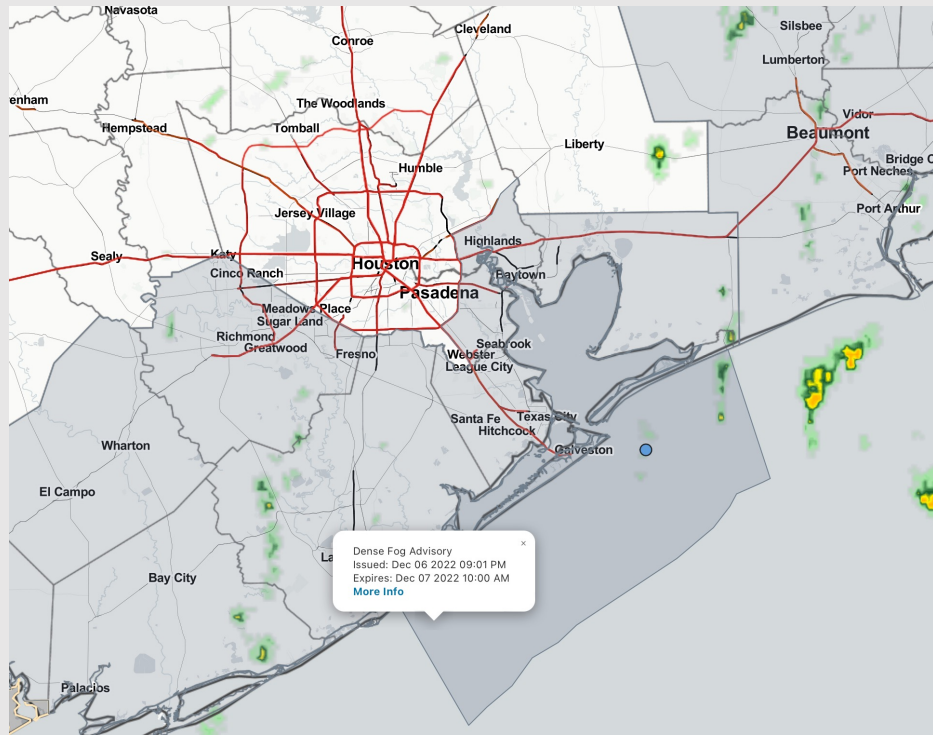
Updated: 5:30 AM CT

Wednesday, December 7, 2022

Forecaster: Alyssa McClung

Weather Headlines

- Hit and miss pockets of drizzle will be possible the next few days. Not expecting a washout of precipitation. Drizzle can begin around 10 AM today.
- Winds will generally stay within the 5 - 15 kt range over the next three days. Winds will be generally out of the ESE/SE and continue at this direction for the next three days. Friday looks to have the calmest winds.
- **Fog chances will be at play over the next 48 hours. Please check out the slides below where we try to nail down timing as best as possible.**



Radar/NWS Alerts: 5:30 AM CT

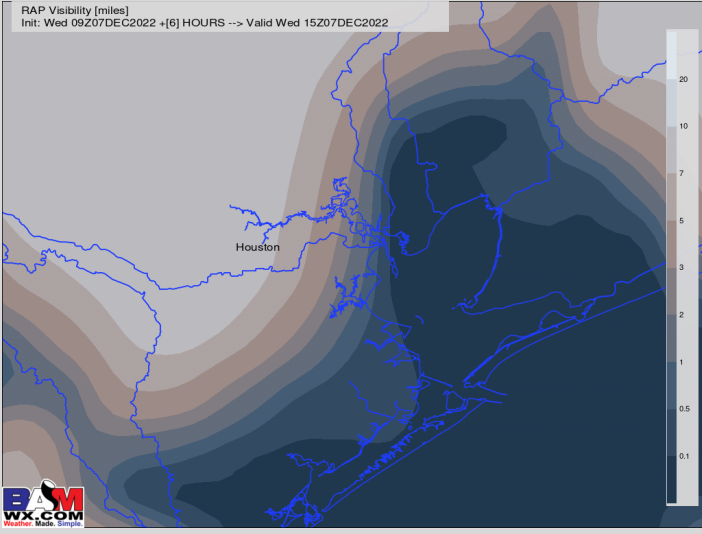


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

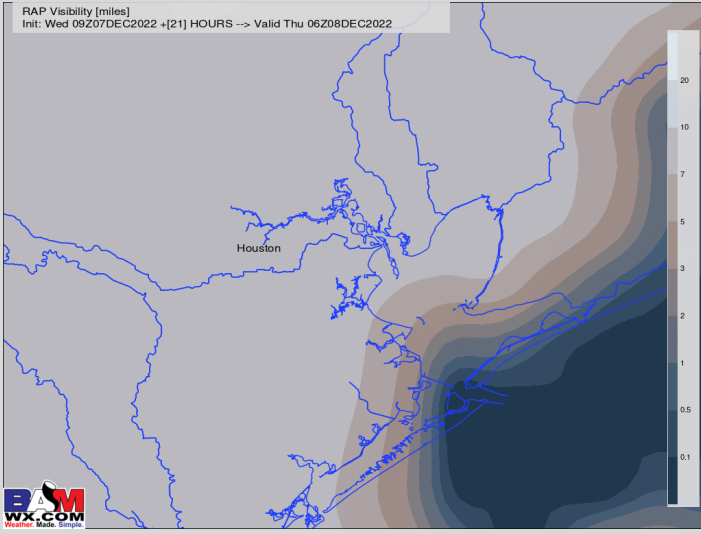
Houston Pilots Visibility Report



9 AM CT WED VISIBILITY



12 AM CT THU VISIBILITY



Confidence



Reduced Visibility Threat

Now - 10 AM THU

Medium - High

- From now through 9 AM fog will have the widest extent across all stations. After ~9 AM anticipating fog to begin to gradually lift in a north to south fashion at the 610 bridge down to about 75/76.
- From 2 – 6 PM, fog will be more patchy across stations 75/76 to the Boarding Station with the Boarding Station being the most at risk to see dense fog.
- After 6 PM, dense fog will move back into the region where it will likely last through 9/10 AM Thursday.

Houston Pilots Extended Range Visibility Report



Saturday 12/10/22

Elevated winds from the SE continue in the AM. By the afternoon, winds calm still from the SE. Fog chances will likely continue through the day Saturday.



Sunday 12/11/22

Slightly lower confidence on the specifics as a front will turn winds more variable and lead to the lowest potential of fog out through the weekend.



Monday 12/12/22

Timing of winds shifting back more out of the SE will have an impact on when fog will re-introduce itself, but as of now, Monday night will end the fog threats before the next front Tuesday.



Chance for Reduced Visibility

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

Houston Pilots Visibility Report



Time	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	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
610 Bridge	2	2	1	0.48	0.24	0.31	6	10	10	10	10	10	10	10	10	10	10	10	9	7	6	4	0.41	0.24	0.24	0.24	0.24	0.24	0.16	1	4	8	10	10	10	
Kinder 1	2	2	1	0.47	0.24	0.33	6	10	10	10	10	10	10	10	10	10	10	10	9	7	6	4	1	1	1	1	1	1	0.31	1	5	7	10	10	10	
Greens Bayou	4	4	3	0.25	0.24	0.31	6	10	10	10	10	10	10	10	10	10	10	10	10	8	6	4	3	3	3	2	3	1	0.39	1	5	8	10	10	10	
Shell Crude	2	2	1	0.24	0.24	0.33	5	10	10	10	10	10	10	10	10	10	10	10	9	8	6	6	3	3	3	3	3	3	1	0.39	1	5	7	10	10	10
Lynchburg Ferries	4	3	0.62	0.24	0.24	0.24	5	10	10	10	10	10	10	10	10	10	10	10	8	8	6	6	3	3	3	3	3	3	1	0.39	1	5	7	10	10	10
Exxon 3	2	1	0.53	0.24	0.24	0.24	5	9	10	10	10	10	10	10	10	10	10	10	7	8	6	6	3	3	3	3	3	3	1	0.39	1	5	6	10	10	10
Morgans Point	2	0.77	0.41	0.24	0.24	0.24	4	8	10	10	10	10	10	10	10	10	10	9	8	8	6	6	4	4	4	3	3	3	1	0.39	1	5	6	10	10	10
75/76	2	0.77	0.41	0.24	0.24	0.24	4	8	10	10	10	10	10	10	10	10	10	7	7	8	6	6	4	4	3	3	3	3	1	0.38	1	5	6	8	9	10
63/64	2	0.67	0.41	0.24	0.24	0.24	1	7	10	10	10	10	10	10	10	10	10	7	6	8	6	6	4	4	3	3	3	3	0.49	0.16	1	4	6	7	8	10
51/52	0.77	0.53	0.29	0.24	0.24	0.24	0.48	1	9	10	10	10	10	10	10	10	10	6	6	7	5	5	4	4	3	3	2	0.24	0.16	1	4	5	6	7	9	
37/38	0.77	0.53	0.29	0.24	0.24	0.24	0.48	1	8	9	9	10	10	10	10	10	9	9	7	7	7	7	4	4	3	1	1	1	0.24	0.24	0.98	3	5	6	6	7
25/26	0.77	0.53	0.29	0.24	0.24	0.24	0.48	1	4	5	4	8	8	10	7	7	6	7	8	8	8	8	5	5	3	1	0.58	0.24	0.24	0.24	0.46	3	4	6	7	7
11/12	0.77	0.53	0.29	0.24	0.24	0.24	0.48	1	1	2	2	8	7	9	7	4	5	8	8	8	8	7	3	3	1	0.45	0.24	0.24	0.24	0.24	0.24	3	4	5	5	5
1 & 2 Bravo	0.77	0.53	0.53	0.24	0.24	0.24	0.48	1	1	0.72	1	1	0.57	0.72	0.72	2	8	8	8	8	8	5	0.9	0.77	0.2	0.2	0.2	0.18	0.18	0.13	0.18	2	2	3	3	4

Please check slides above for official thinking on fog as the chart is likely not perfect.

Forecast Discussion

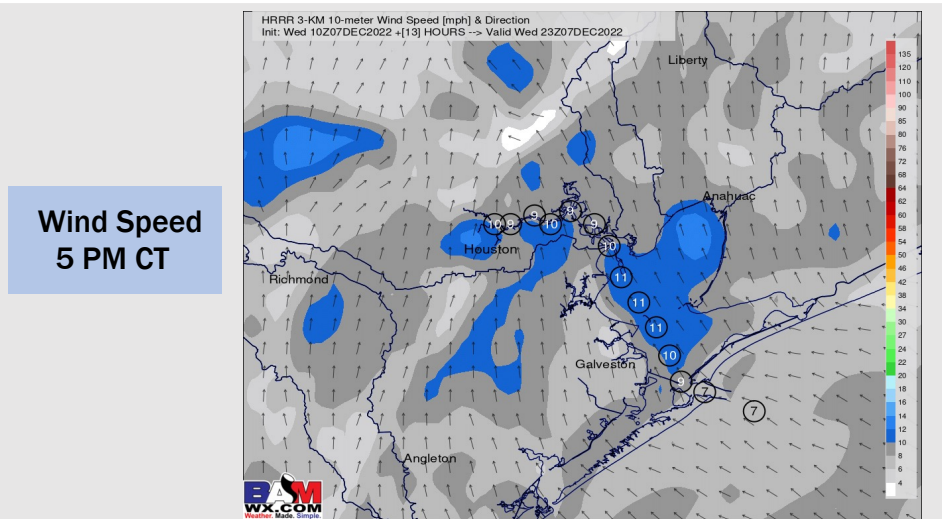
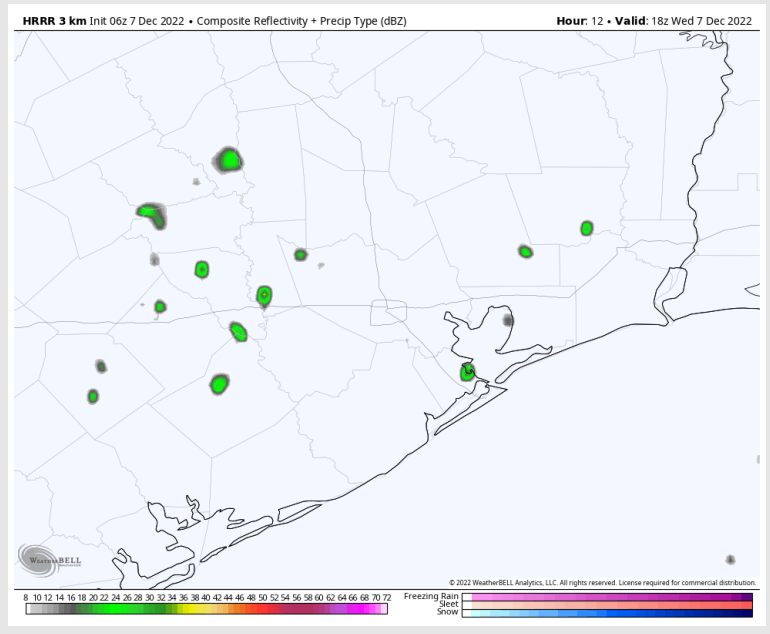
Precip: Wednesday looks to be similar with another shot of hit and miss pockets of drizzle and light rain showers possible for much of the day mainly after 10 AM. Again, not an all-day rain, but chances will stick around.

Wind: Sustained winds out of the S/SE throughout the day. 4 – 8 kts N of Morgan’s Point and 8 – 11 kts S of Morgan’s Point until 12 PM. After 12 PM and for the rest of the evening, winds for all stations are at 7 -12 kts.

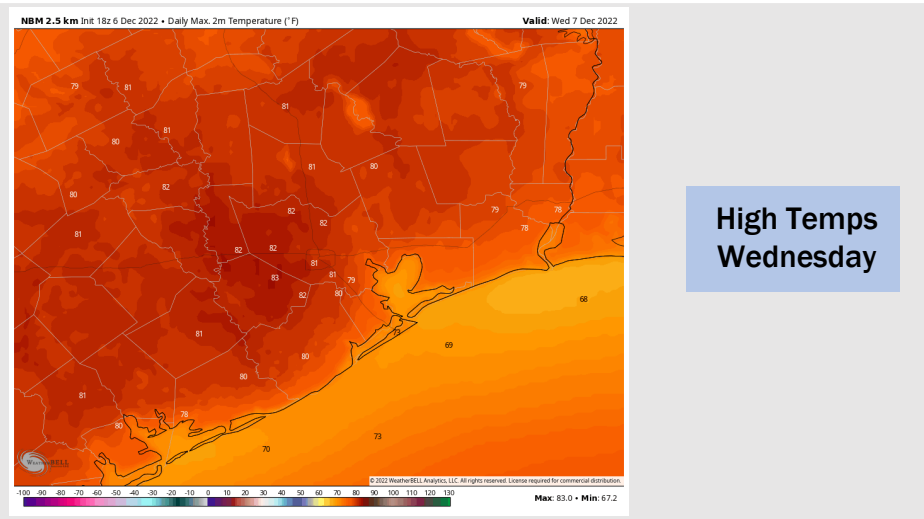
Temps: High temps Wednesday in the lower 70s F south of Morgan’s Point and upper 70s to low 80s F north of Morgan’s Point.

Visibility: Check slides above for more of a breakdown on the fog threat.

Precip Forecast: 11 AM CT



Wind Speed
5 PM CT



High Temps
Wednesday

Houston Pilots: Thurs. 12/8/2022



Forecast Discussion

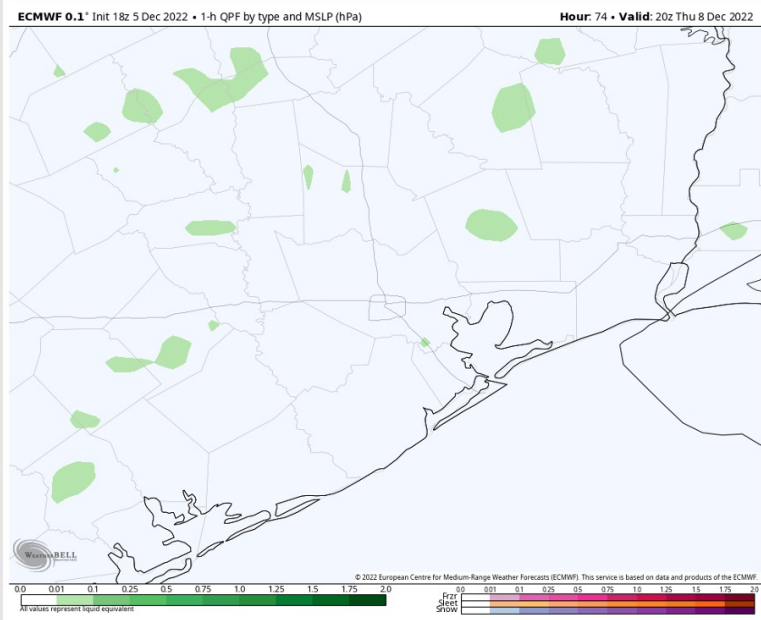
Precip: A slight chance (20%) for a few pockets of drizzle/ light showers during the 9 AM – 4 PM timeframe. This would amount to a few hundredths of an inch and is very spotty in coverage.

Wind: Sustained winds from the SE for Thursday. Winds will start out at 5 – 10 kts. By 5 PM, winds will range from 8-13 kts for the remainder of the afternoon and evening.

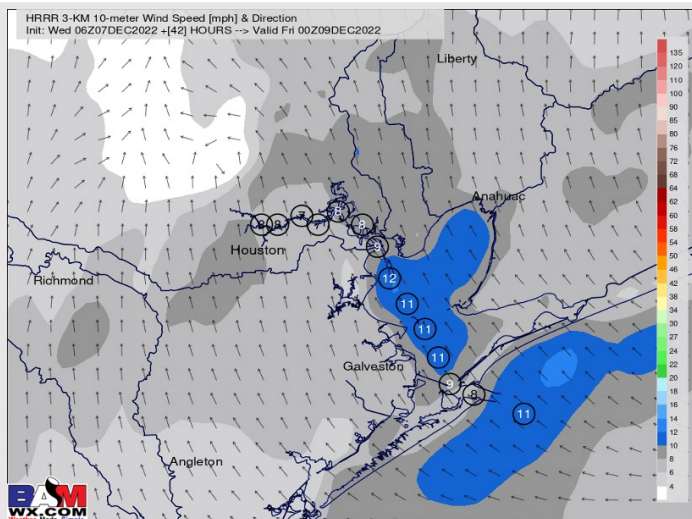
Temps: High temperatures will be near 80 F N of Morgan's Point and in the mid to lower 70s F S of Morgan's Point.

Visibility: Fog is likely in the morning, with fog continuing into the afternoon and evening hours. More details on the slides above.

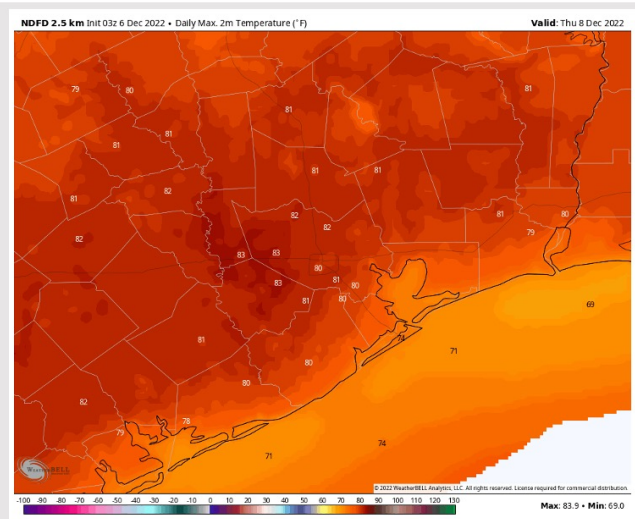
Precip Forecast: 2 PM CT



Wind Speed
6 PM CT



High Temps
Thursday



Houston Pilots: Fri. 12/9/2022

Forecast Discussion

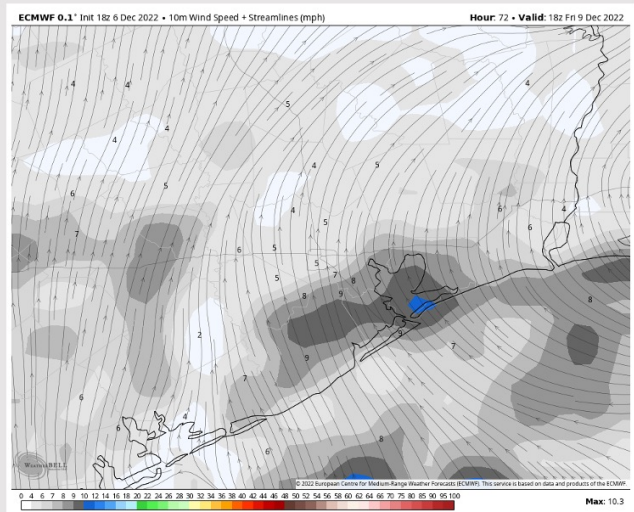
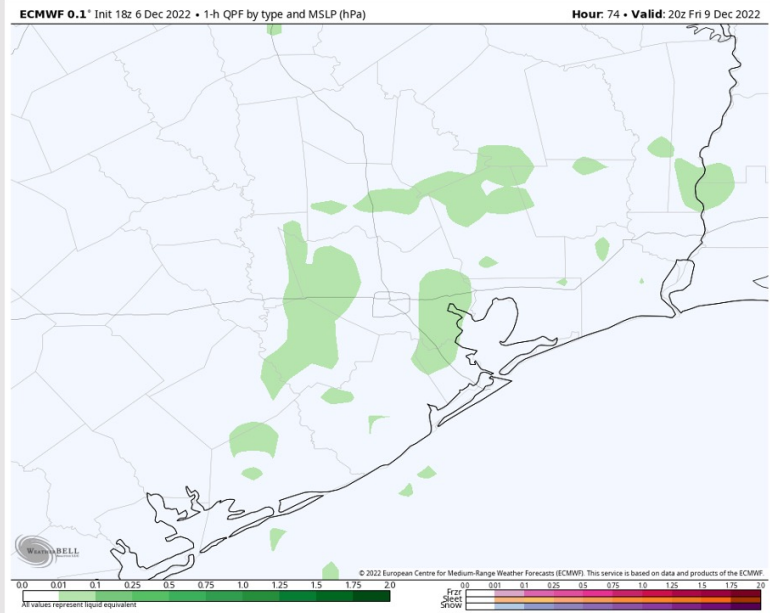
Precip: A 60% chance for hit and miss showers from daybreak out through mid-afternoon before precip looks to exit the area. Precip is expected to be rather hit and miss, and overall intensity rather light.

Wind: Winds will be out of the S/SSE for almost the entire day. Winds at the Boarding Station will sist 5 – 10 kts while all other stations are likely closer to 3 – 8 kts.

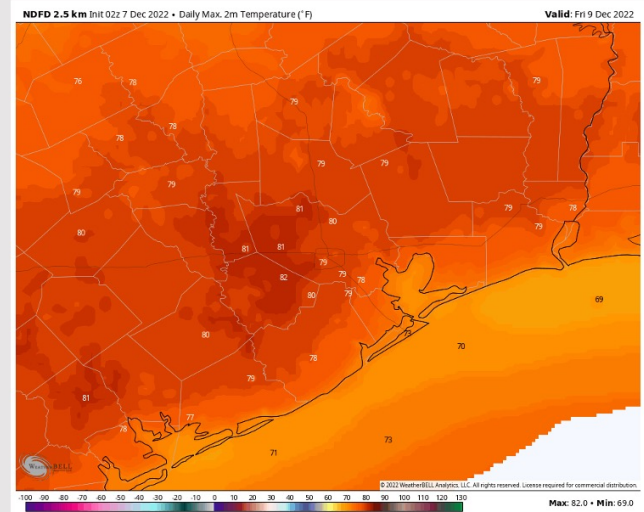
Temps: High temps Friday will be in the mid to upper 70s F north of the Boarding Station, and around 70 F at the Boarding Station.

Visibility: Patchy and perhaps dense fog will certainly be possible for the AM hours and early afternoon. Not seeing much of a signal that would suggest fog is not possible Friday morning and then continuing into the daytime hours Friday.

Precip Forecast: 2 PM CT

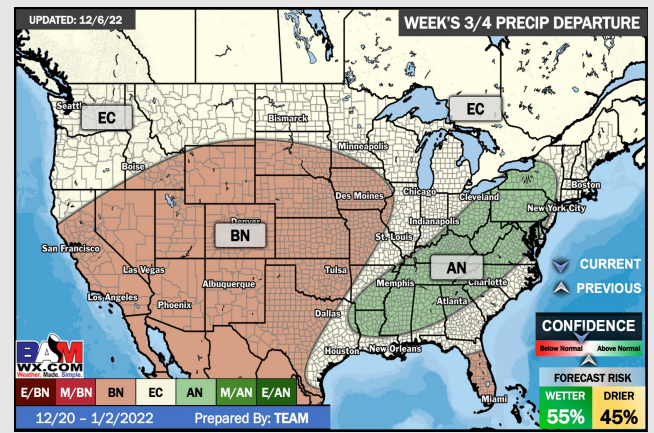
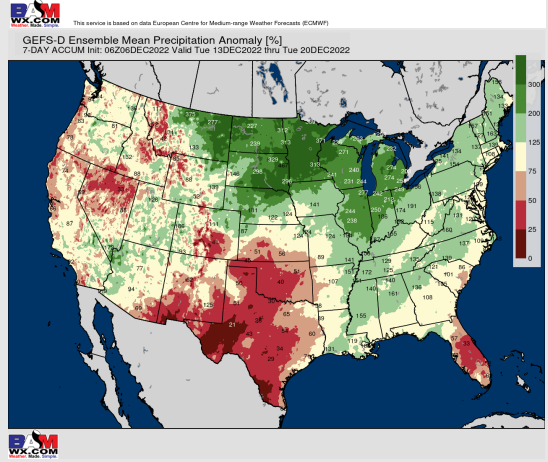
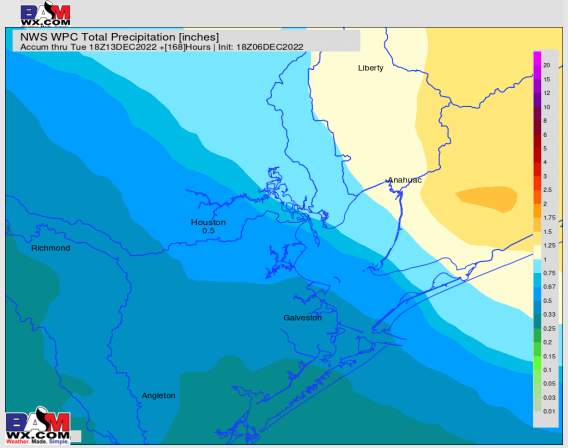
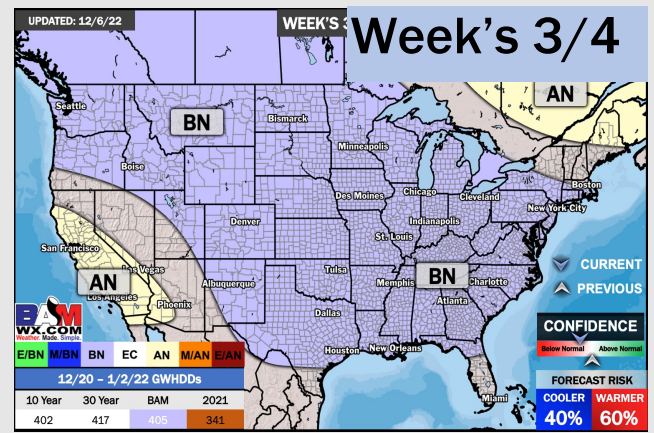
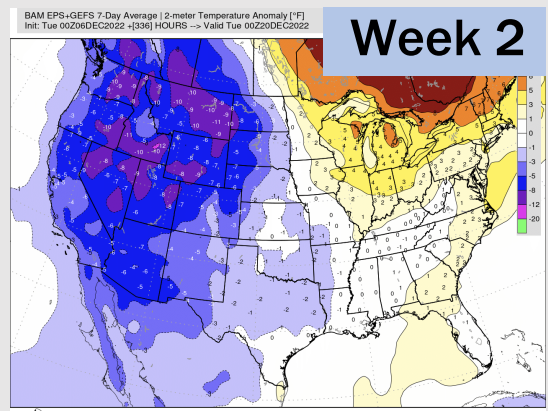
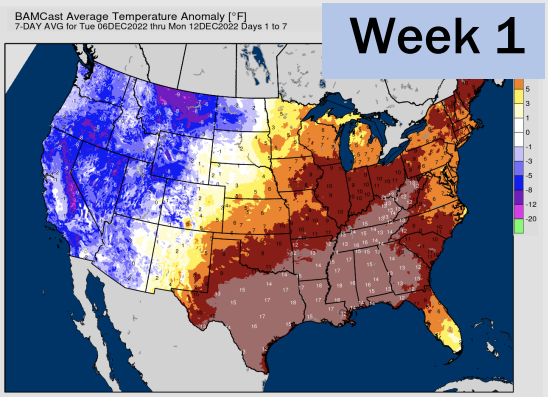


Wind Speed
12 PM CT



High Temps
Friday

Houston Pilots: 12/7/22



- Minor, hit and miss light rain chances will be possible the next several days. Best chances overall come next Monday-Tuesday with temps staying above average.
- Week 2 is expected to be near normal for temperatures and below normal to near normal for rain chances for mid December.
- The weeks 3/4 timeframe looks to feature slightly below normal temperatures and equal chances for precipitation.