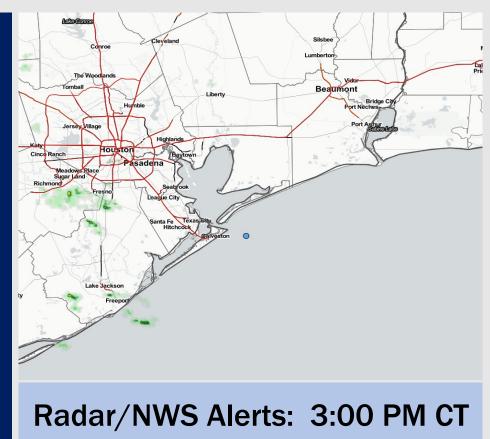
Houston Pilots Forecast Package Updated: 3:15 PM CT

Monday, December 12, 2022

Forecaster: Will Danby

Weather Headlines

- A slight chance for sprinkles this afternoon. Increasing chances for showers and storms will exist for Tuesday and Wednesday thanks to a cold front expected to work through the area.
- Winds will be generally from the SE for today and tomorrow with a frontal passage shifting winds from the NW and keeping winds from the NW for awhile on Wednesday – Saturday. Tuesday/Wednesday look to be a breezy days with wind gusts of 25 – 30 kts possible.
 - The front passing Wednesday AM will wipe out fog chances. Low to almost 0 fog threat for the back half of the week with NW winds.



Houston Pilots

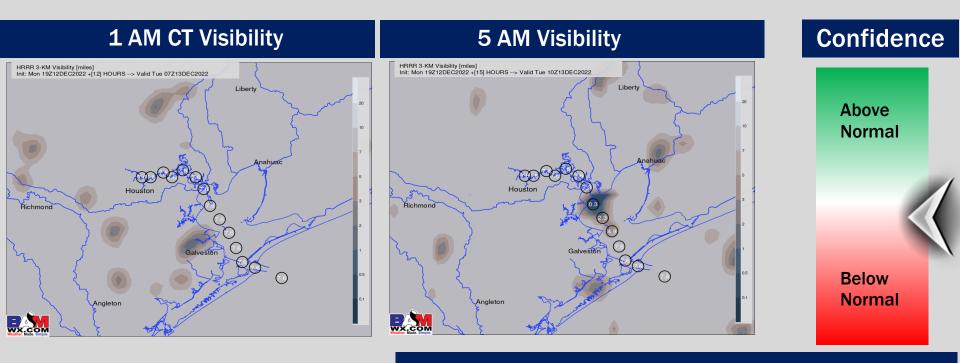


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As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, (317)-560-8122 press 1 for forecast questions.

Houston Pilots Visibility Report





Reduced Visibility Threat

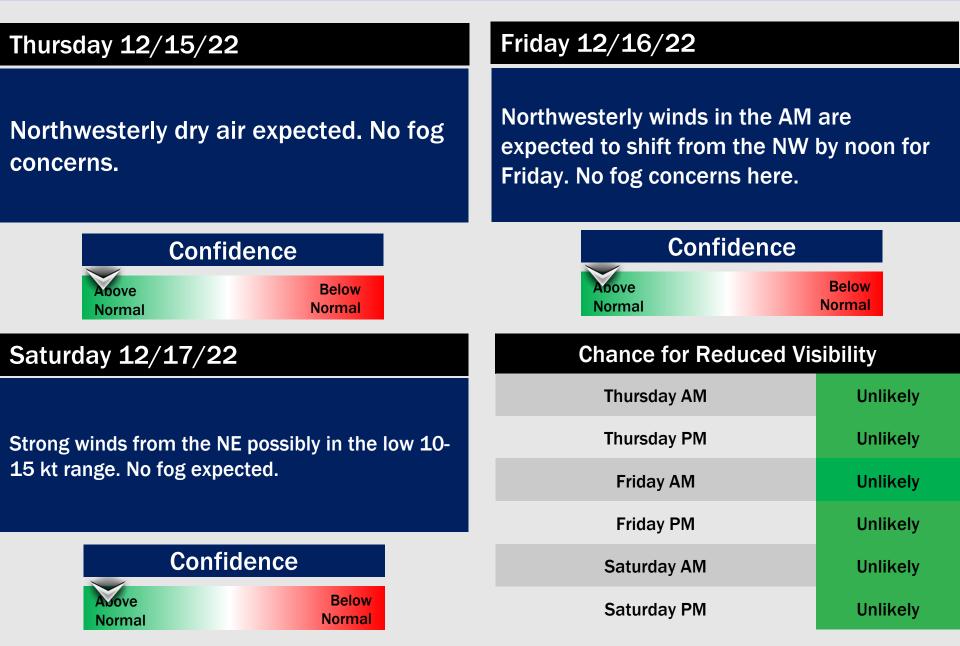
10 PM MON – 9 AM TUE

Low

- Favoring the 10 PM timeframe for when some patchy fog can begin to fill in the area between Morgan's Point and 25/26. As with previous forecasts, the initialization time of fog could be delayed a couple hours to 12 AM, as lower confidence exists for the start time.
- Generally favoring more of a low cloud deck with misty conditions for the evening and overnight, especially north of Station 75/76. For the rest of the bay stations, misty conditions will persist with some patchy fog. Not anticipating visibilities to reach less than 3 miles here, but visibilities of 3 to 6 miles will be likely after 10 PM through 5 AM.
- At the Boarding station, patchy fog will also be likely starting at 11 PM and lasting until 7 AM. As with the other stations, not anticipating visibility to be less than 3 miles, as winds look to be a little too elevated for the overnight to allow for a dense fog setup.
- Around 7 AM the winds look to shift more southerly. When this happens, patchy fog will begin to breakup. Favoring the 7 9 AM timeframe for any lingering fog to dissipate.

Houston Pilots Extended Range Visibility Report





Houston Pilots Visibility Report





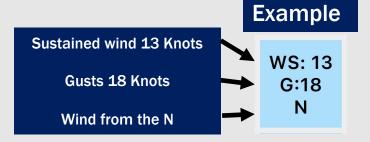
Time Mon 2pm 610 Bridge 10														Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue		Wed	Wed							
610 Bridge 10	10	10					-		i ipm 1	Zam	1am	2am	3am	4am							11am										9pm	10pm	11pm	12am	1am
		10	10	10	10	8	6	6	6	6	6	5	5	5	5	6	6	6	10	10	10	10	10	10	9	9	7	7	7	7	6	6	6	6	6
Kinder 1 10	10	10	10	10	10	7	6	6	6	6	5	5	5	5	5	5	6	6	10	10	10	10	10	10	9	9	7	7	7	7	7	6	6	6	6
Greens 10 Bayou 10	10	10	10	9	10	7	6	6	6	6	5	5	5	5	5	7	6	7	10	10	10	10	10	10	9	9	7	7	7	7	7	7	6	6	6
Shell Crude 10	10	10	10	9	10	8	7	7	7	7	6	6	5	5	5	7	7	7	10	10	10	10	10	10	9	9	7	8	8	8	7	7	6	6	6
Lynchburg Ferries 10	10	10	10	9	10	8	7	7	7	7	6	6	5	5	5	7	7	7	9	10	10	10	10	10	9	9	7	8	8	8	7	7	6	6	5
Exxon 3 10	10	10	10	10	10	10	8	9	9	9	7	9	7	6	6	7	7	7	9	10	10	10	10	10	9	9	7	8	8	8	7	7	6	6	5
Morgans Point 10	10	10	10	10	10	10	8	9	9	9	7	9	7	7	7	7	7	7	9	10	10	10	10	10	9	9	7	8	8	8	7	7	6	6	5
75/76 10	10	10	10	10	10	10	8	9	9	9	7	9	7	7	7	7	7	7	9	10	10	10	10	10	9	9	7	8	8	8	7	7	6	6	5
63/64 10	10	10	10	10	10	10	8	9	9	9	7	9	7	7	7	7	7	7	9	10	10	10	10	10	9	9	7	8	8	8	7	6	6	6	5
51/52 10	10	10	10	10	10	10	8	9	9	9	7	9	7	7	7	7	7	7	9	10	10	10	10	10	9	9	7	8	8	8	7	5	5	6	5
37/38 10	10	10	10	10	10	10	8	9	9	9	7	9	7	7	7	7	7	7	9	10	10	10	10	10	8	9	7	8	8	8	7	6	6	7	7
25/26 10	10	10	10	10	10	10	8	9	7	9	7	8	7	7	7	7	7	7	9	10	10	10	10	10	8	9	7	8	8	8	8	7	7	8	8
11/12 10	10	10	10	10	10	8	8	9	7	9	7	7	7	7	7	7	7	7	7	10	10	10	10	9	7	8	7	8	8	8	8	7	8	8	8
1 & 2 Bravo 10	10	10	10	10	10	8	8	7	7	7	7	7	7	7	7	7	7	7	7	9	9	9	9	8	7	7	7	8	8	8	8	7	8	8	8

Please check visibility slides above for official thinking on fog as the chart isn't 100% perfect.

Houston Pilots Wind Report







Time Knots																					Tue 10am														Wed 12am	
610 Bridge	9 17 SE	9 18 SE	10 20 SE	10 20 SE	10 20 SE	9 23 ESE	9 24 ESE	9 24 ESE	9 24 SE	8 23 SE	8 20 SE	8 19 SE	7 20 SE	6 17 SE	7 14 SE	8 15 SSE	9 14 SSE	9 17 SSE	10 19 SSE	11 20 SSE	13 22 S	13 23 S	13 24 S	14 24 S	15 26 S	15 27 S	15 25 S	13 24 SSW	11 21 SW	9 20 SW	8 17 WSV	7 14 V W	6 11 NNW	5 10 / N	5 8 N	5 7 N
Kinder 1	9	9	10	10	10	9	9	9	9	9	9	8	8	6	7	8	9	9	10	11	12	13	14	14	14	14	14	13	10	9	8	6	6	5	4	4
	17	19	20	20	21	23	25	24	24	24	21	19	20	17	14	15	14	16	18	20	22	23	23	24	26	26	25	24	21	19	17	14	11	10	8	6
	SE	SE	SE	SE	SE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	SW	WSW	/ WSV	V W	NNW	/ N	N	N
Greens Bayou	9 18 SE	10 19 SE	10 21 SE	10 20 SE	10 21 ESE	10 23 ESE	9 25 ESE	9 24 ESE	9 24 SE	10 24 SE	9 22 SE	8 19 SE	8 20 SSE	8 19 SE	8 19 SE	9 16 SSE	9 15 SSE	9 15 SSE	10 18 SSE	11 20 SSE	12 21 S	13 23 S	14 23 S	14 24 S	15 25 S	15 26 S	14 25 S	13 23 S	11 21 WSW	10 19 WSW	8 17 / WSV	6 14 N W	6 11 NNW	5 10 / N	4 7 N	4 6 N
Shell Crude	10 18 SE	10 20 SE	11 21 SE	10 21 SE	10 21 ESE	10 24 ESE	10 25 ESE	9 24 ESE	9 24 SE	10 24 SE	10 23 SE	8 19 SE	8 19 SSE	8 20 SE	9 17 SE	9 15 SE	9 15 SSE	9 15 SSE	10 18 SSE	11 19 SSE	12 21 S	14 23 S	14 23 S	15 24 S	15 25 S	15 25 S	14 24 S	13 24 S	11 22 SW	10 19 WSW	8 17 (WSW	7 15 V WSV		5 10 N	4 8 NNW	5 6 N
Lynchbur Ferries	g 10 18 SE	10 20 SE	11 21 SE	10 21 SE	9 21 ESE	9 23 ESE	10 25 ESE	9 23 ESE	9 24 ESE	10 24 ESE	10 23 SE	9 20 SE	9 22 SSE	8 21 SE	9 20 SE	10 16 SE	11 16 SSE	11 16 SSE	11 17 SSE	12 18 SSE	12 20 S	13 21 S	14 22 S	15 23 S	15 26 S	15 25 S	15 24 S	14 24 S	13 23 SW	12 20 WSW	10 18 / WSV	8 16 V WSV		6 11 N	6 8 N	6 7 N
Exxon 3	10	11	11	11	9	10	11	10	10	12	11	11	12	9	9	11	11	12	12	12	13	13	14	15	15	15	15	14	13	12	10	9	8	7	6	6
	19	21	22	21	21	23	24	23	24	25	23	21	23	21	19	16	16	16	17	18	20	21	22	23	26	25	24	24	23	20	19	17	14	11	9	8
	SE	SE	SE	ESE	SE	SE	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	SSW	SW	WSW	V WSV	V W	NNW	N	N						
Morgans Point	10 20 ESE	13 22 ESE	13 22 ESE	12 22 ESE	11 22 ESE	13 24 ESE	13 24 ESE	12 24 ESE	12 25 ESE	13 25 ESE	12 23 ESE	13 21 SE	12 21 SSE	11 18 SE	10 19 SE	11 16 SSE	11 17 SSE	12 16 SSE	12 17 SSE	13 18 SSE	14 20 SSE	14 20 S	14 21 S	15 23 S	15 25 S	15 25 S	15 24 S	14 24 S	12 23 SSW	11 20 SW	10 20 WSW	10 18 V WSV	16	7 13 NW	6 11 NNW	7 10 NNW
75/76	13	13	13	13	12	13	13	13	13	14	13	13	13	11	10	11	12	12	13	14	14	14	15	15	15	15	15	14	13	12	11	10	10	8	7	7
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	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	SW	WSW	/ SW	SW	WNW	WSW	NNW
63/64	14	14	13	13	13	13	13	13	13	14	13	13	13	11	11	12	12	12	13	14	14	14	15	15	15	15	14	14	13	12	12	11	10	9	8	7
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	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SSE	SSE	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	SSW	SW	SW	WSW	/ SW	W	W
51/52	14	14	13	13	13	13	13	13	13	14	13	13	13	11	12	12	12	13	13	14	14	15	15	15	15	15	15	15	14	13	12	11	11	10	8	8
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	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	ESE	SSE	SSE	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	SSW	SW	SW	WSW	SW	WSW	W
37/38	12	13	13	13	12	13	13	13	13	13	12	12	13	11	11	12	12	13	14	14	14	15	15	15	15	15	15	15	14	14	13	11	11	10	9	8
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	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	ESE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	SSW	SW	SW	WSW	SW	WSW	W
25/26	12	13	13	13	14	14	15	16	14	13	12	12	12	11	12	13	13	13	14	14	15	15	15	15	15	16	15	15	14	14	13	12	12	11	9	9
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	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	SSW	SW	SW	WSW	WSW	WSW1	WSW
11/12	13	14	15	14	15	15	16	17	15	13	13	13	12	12	12	13	13	13	14	15	15	15	15	15	15	16	15	15	15	14	14	13	12	11	10	10
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	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	SSW	SSW	SW	WSW	WSW	WSW1	WSW
1 & 2 Bravo	15 20 ESE	15 21 ESE	15 22 ESE	16 23 ESE	16 24 ESE	16 25 ESE	17 24 ESE	18 24 ESE	16 22 ESE	14 19 ESE	14 19 ESE	13 19 SE	13 19 SE	12 18 SSE	13 20 SE	13 17 SSE	13 17 SSE	14 17 SSE	14 18 SSE	15 20 SSE	16 21 SSE	15 20 SSE	16 21 S	16 21 S	15 21 S	16 21 S	16 21 S	16 22 S	15 22 S	15 21 S	14 21 S	13 19 SSW	13 18 SW	12 17 WSW	10 16 WSW	11 14 WSW

Houston Pilots: Mon. 12/12/2022



Forecast Discussion

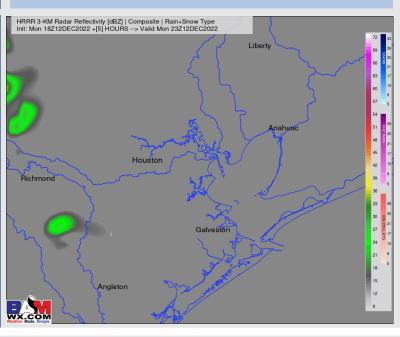
Precip: Anticipating dry conditions for the afternoon and evening, however a 10% chance for a pocket of drizzle will be possible N of Morgan's Point.

Wind: ESE winds for this afternoon and evening, shifting more SE around midnight. Winds N of Morgan's Point will be 8 – 12 kts, and S of Morgan's Point will be 12 – 17 kts. An occasional gust of up to 23 kts will be possible at the Boarding Station from 6 – 10 PM.

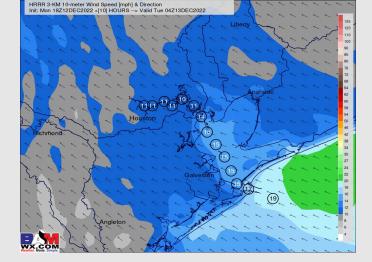
Temps: Low temperatures Tuesday morning will be in the mid 60s F across all stations.

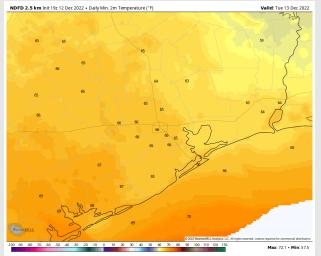
Visibility: Check the slides above for the threat of reduced visibility this evening into tomorrow AM.

Precip Forecast: 5 PM CT









Low Temps Tues AM

Houston Pilots: Tue. 12/13/2022



Forecast Discussion

Precip Forecast: 3 PM CT

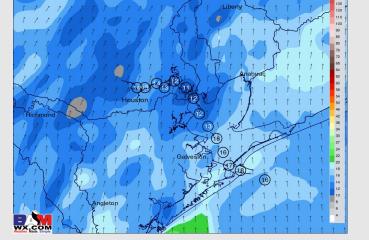
Precip: Favoring dry conditions for the early morning hours. At around 7 AM, very hit and miss rain showers will enter the region and last through mid-afternoon (40% chances). Increased chances for precipitation (showers and thunderstorms) happen between 4 – 11 PM. Spotty showers could linger through midnight as a cold front passes the area.

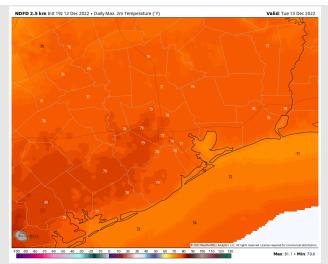
Wind: SSE winds in the morning and afternoon will before shifting out of the SW after sundown. Winds will start out at 8 - 13 kts in the morning then increase to 14 - 17 kts by noon with gusts of 18 - 23 kts at the Boarding Station. Winds likely calm closer to midnight before the next front arrives early Wed AM.

Temps: High temps Tuesday will be in the upper 70s F north of Morgan's Point and in the mid 70s F south of Morgan's Point.

Visibility: Certainly worth watching, but currently favoring winds to be just strong enough to limit fog potential.

Wind Speed 3 PM CT





High Temps Tuesday

Houston Pilots: Weds. 12/14/2022



Forecast Discussion

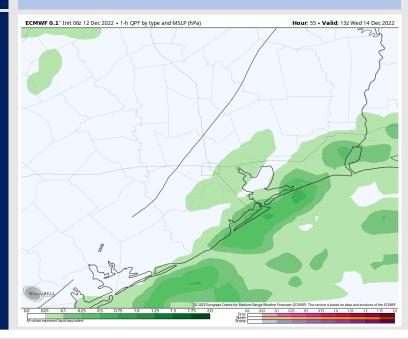
Precip: As a cold front passes the area in the 12-3 AM window Wednesday, showers and a few thunderstorms will be around the area. Lower confidence on exact specifics as data differs on how quickly the front can depart offshore, but hit and miss precip continuing into the afternoon and evening certainly looks possible at this distance. Would favor chances of 40% beyond 6 AM.

Wind: Variable wind direction in the early morning hours from 12 AM - 7 AM will favor a NW wind by 10 AM and remain as such for the rest of the day. Winds north of the Boarding Station will start out at 4 – 7 kts, while the Boarding Station will be around 9 – 12 kts. By 10 AM winds will pickup across all stations to 11 – 14 kts N of Morgan's point and 18 – 24 kts S of Morgan's Point. After 4 PM winds will calm to 3 – 6 kts N of Morgan's Point for the rest of the day, and 8 – 14 kts S of Morgan's point for the rest of the day. Wind gusts 11AM – 2 PM will be around 25 – 30 kts for a brief period across all stations. After 12 PM, Gusts can be as high as 32 kts S of Morgan's Point. After 3 PM expecting gusty winds to subside, with pockets of up to 20 kts still possible at the Boarding Station.

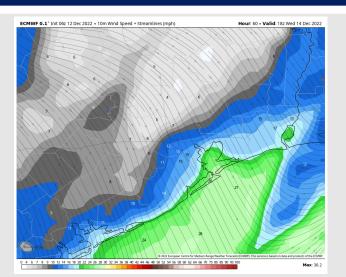
Temps: Much cooler. High temps Wednesday will be in the mid 60s F across all stations.

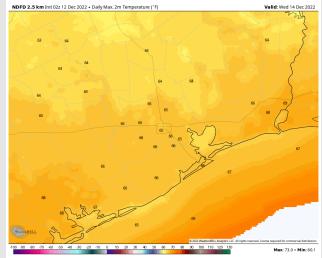
Visibility: Not anticipating any fog concerns once the front passes. However, heavier thunderstorms could reduce visibilities to less than 2 miles for brief periods mainly at the Boarding Station.

Precip Forecast: 7 AM CT



Wind Speed 12 PM CT

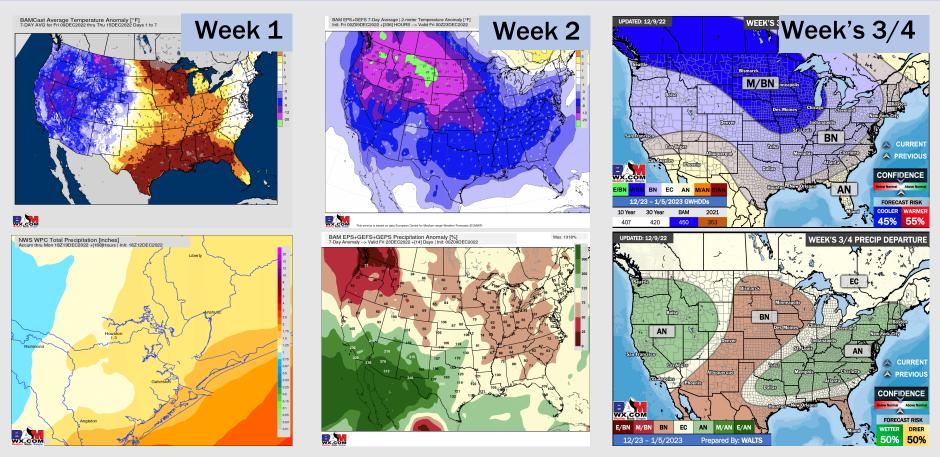




High Temps Wednesday

Houston Pilots: 12/12/22





- Minor, hit and miss light rain chances will be possible this evening with better rain chances moving in Tuesday and Wednesday. Anticipating temps staying above average.
- Week 2 is expected to be below normal for temperatures and near normal for rain chances for mid December.
- The weeks ³/₄ timeframe looks to feature below normal temperatures and equal chances to below normal for precipitation.