

Houston Pilots Forecast Package



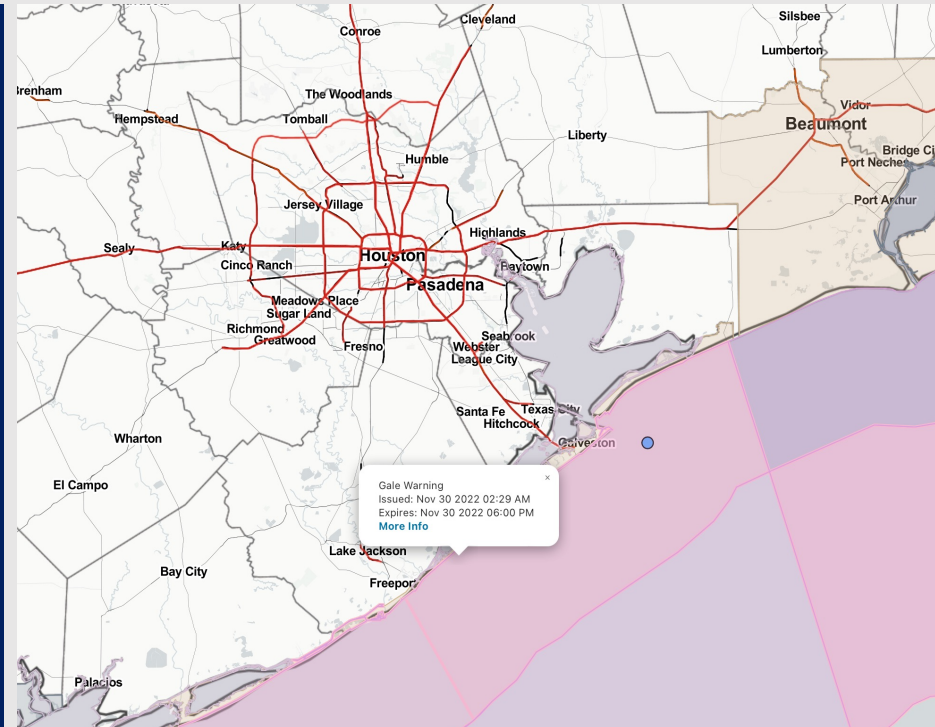
Updated: 5:00 AM CT

Wednesday, November 30, 2022

Forecaster: Alyssa McClung

Weather Headlines

- A cold front is on its way out as update is being issued. With that being said, fog threat looks to diminish with the passing cold front, with any lingering patchy fog to be gone by 6 AM.
- Anticipating gusty winds of 25-30+ knots out of the N be possible at the boarding station Today.
- **Patchy fog near the boarding station will linger until 6 AM today. Not anticipating visibility concerns thereafter.**
- **Eyeing additional fog threats toward the end of the week/weekend. Saturday looks to be the most confident fog threat.**



Radar/NWS Alerts: 5:00 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 Extended Range Visibility Report



Saturday 12/3/22

Favorable wind pattern for fog with winds from the SE to SSE on Saturday. Model guidance this far out has decent agreement on the signal for fog for a good bit of the day Saturday. More details to come, but Saturday does look like fog will be a concern.



Sunday 12/4/22

Winds Sunday AM look to have a NE component to them which may limit fog potential during the morning hours. Into Sunday PM there may be a slightly better opportunity for sea fog because of a better low level wind direction.



Monday 12/5/22

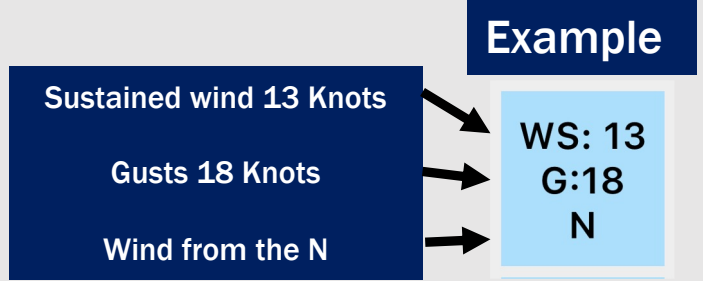
Southerly flow will continue to allow for fog potential, however by the evening hours a more SW wind will work into the area and will limit potential for fog.



Chance for Reduced Visibility

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

Houston Pilots Wind Report



Time Knots	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	7	13	12	11	11	11	13	13	12	13	12	12	12	11	9	9	9	9	9	8	7	7	7	6	7	6	7	7	7	7	8	7	7	7	7	7	
	23	27	28	30	32	30	29	27	25	23	22	21	19	19	19	16	16	16	16	15	15	15	15	14	13	13	12	14	13	13	13	13	13	14	12	11	11
Kinder 1	7	13	12	11	11	11	13	13	13	13	13	12	12	11	9	9	9	9	8	7	7	7	6	7	6	7	7	7	7	7	8	8	7	7	7	7	
	22	27	28	30	32	30	29	27	26	23	22	21	20	19	19	16	16	17	16	15	15	14	14	13	13	12	14	13	13	13	13	14	12	11	10	11	
Greens Bayou	7	13	13	12	11	12	13	13	13	13	13	12	11	10	9	9	9	8	8	7	7	6	6	7	6	7	7	7	7	8	8	7	7	7	7		
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Shell Crude	6	13	13	12	11	12	13	13	13	13	13	12	11	11	9	9	9	8	8	8	7	7	7	6	7	6	7	7	7	8	9	8	7	7	8		
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Lynchburg Ferries	6	14	13	12	11	12	13	13	13	13	13	12	11	10	8	9	9	8	8	8	7	7	7	6	7	7	7	7	8	9	8	8	7	7	8		
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Exxon 3	6	14	13	13	11	11	13	13	13	13	13	12	11	10	8	10	9	9	9	9	8	8	8	7	8	8	8	8	8	8	9	9	8	7	8	8	
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Morgans Point	7	14	15	15	13	13	15	14	14	14	14	13	12	11	9	10	11	11	11	11	11	10	10	10	10	9	10	10	9	10	10	9	8	8	8		
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1 & 2 Bravo	6	8	13	26	26	26	26	24	23	21	20	19	19	20	21	19	20	20	21	20	20	20	19	18	18	18	17	17	17	17	16	16	15	15	14		
	10	13	26	31	33	35	35	32	31	28	25	23	22	22	23	22	24	24	25	24	24	24	23	22	21	21	20	20	19	18	17	17	17	16	15	14	

See slides below for official thoughts on winds.

Houston Pilots: Wed. 11/30/2022



Forecast Discussion

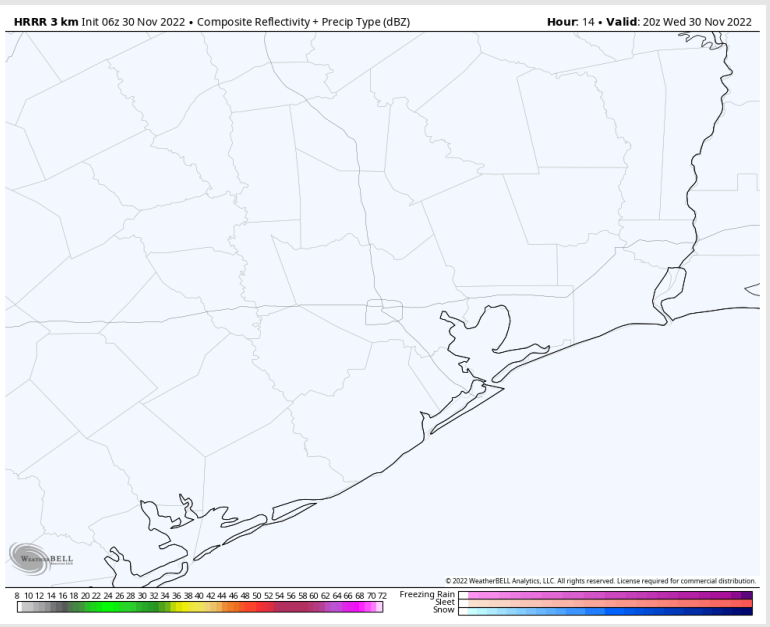
Precip: A slight chance (~20%) for leftover showers at the boarding station through ~7 AM exists. Anticipating the rest of Wednesday to be dry.

Wind: SW winds gradually shifting to be out of the N/NNE by 6 AM and remain as such for the rest of the day. By 5 AM winds N of Morgan's Point will be at 11 – 17 kts and S of Morgan's Point will be elevated at 23-30 kts. Wind gusts of up to 35-40 kts will be possible across all stations until 2 PM.

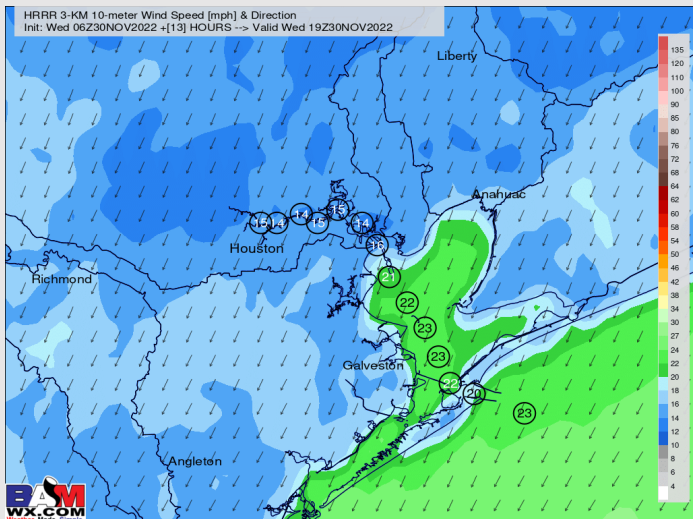
Temps: High temps Wednesday will be in the mid to low 60s F across all stations.

Visibility: Patchy fog may linger for the Boarding Station until 6 AM. Not anticipating visibility concerns thereafter.

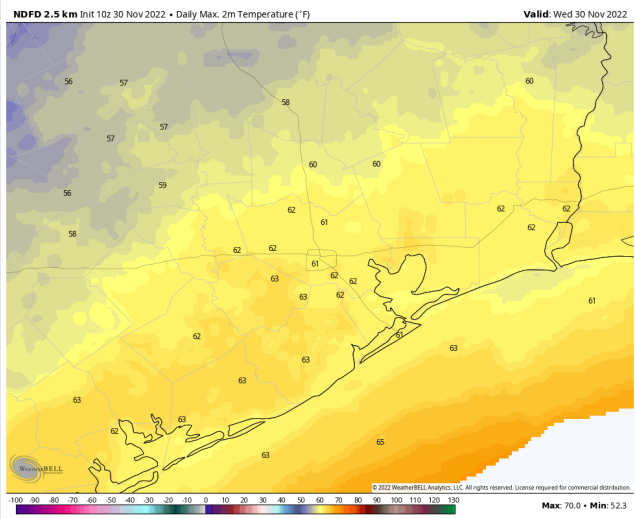
Precip Forecast: 2 PM CT



Wind Speed
1 PM CT



High Temps
Wednesday



Houston Pilots: Thurs. 12/1/2022



Forecast Discussion

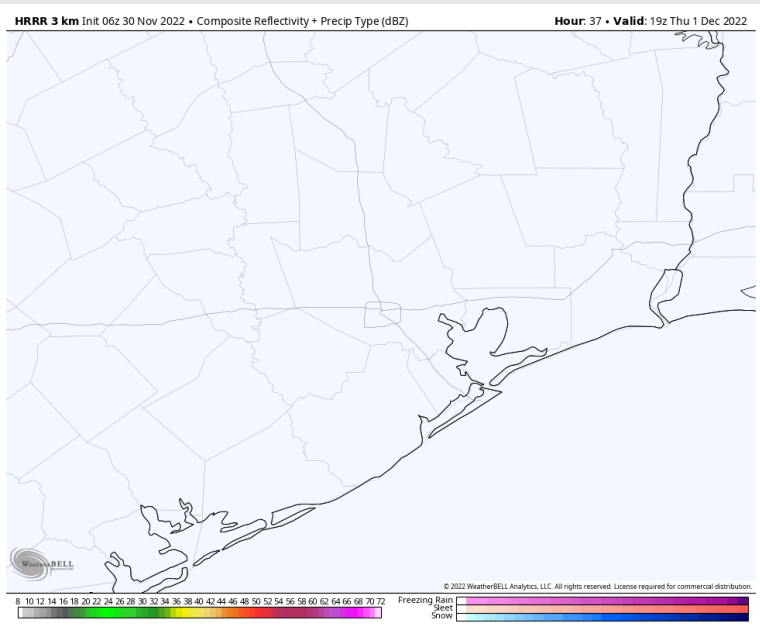
Precip: Anticipating dry conditions Thursday.

Wind: Sustained winds from the NE throughout the majority of the day will shift more easterly by 6 PM and remain as such for the rest of the evening. Winds N of Morgan's Point will be 5 - 10 kts and winds S of Morgan's Point will be more elevated at 20 - 25 kts until 9 AM, then decrease to 11 - 16 kts. Wind gusts of up to 18 kts will be possible N of Morgan's point until 12 PM, and gusts S of Morgan's Point of up to 28 kts will be possible until 2 PM.

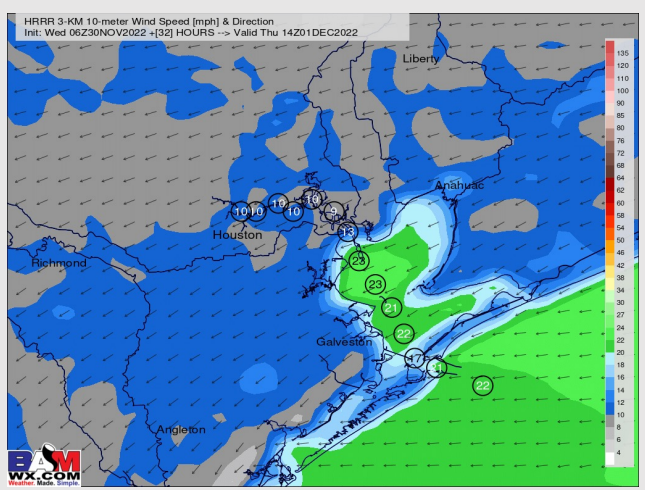
Temps: High temps Thursday will be in the mid to upper 70s F. The Boarding Station will be sitting around 70 F.

Visibility: Not anticipating visibility concerns, as winds will be elevated + unfavorable direction.

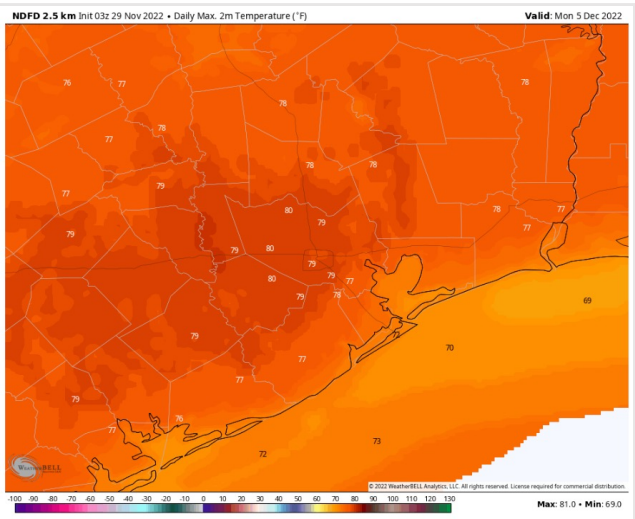
Precip Forecast: 1 PM CT



Wind Speed
10 AM CT



High Temps
Thursday



Forecast Discussion

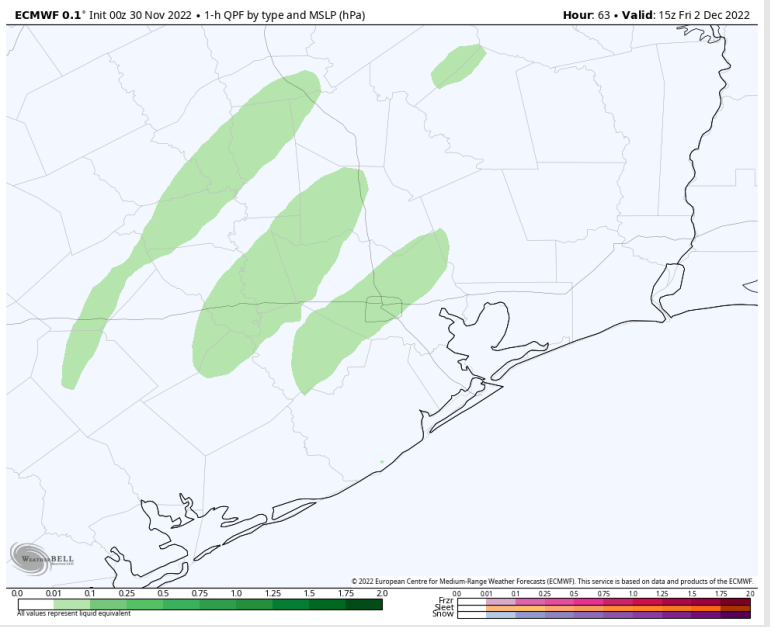
Precip: Anticipating dry conditions until around 6 AM, where a slight (20%) chance of showers will be possible until 4 PM. After 4 PM expecting dry conditions.

Wind: Sustained ESE winds in the morning will become SE by 8 AM through 2 PM, then more SSE thereafter and remaining as such for the rest of the afternoon and evening. Winds N of Morgan's Point will be at 6 – 10 kts in the morning, increasing to 8 – 13 kts in the afternoon. Winds S of Morgan's Point will be 11 – 16 kts. Wind gusts of 20 – 22 kts will be possible across all stations, especially from the 11 AM – 5 PM timeframe.

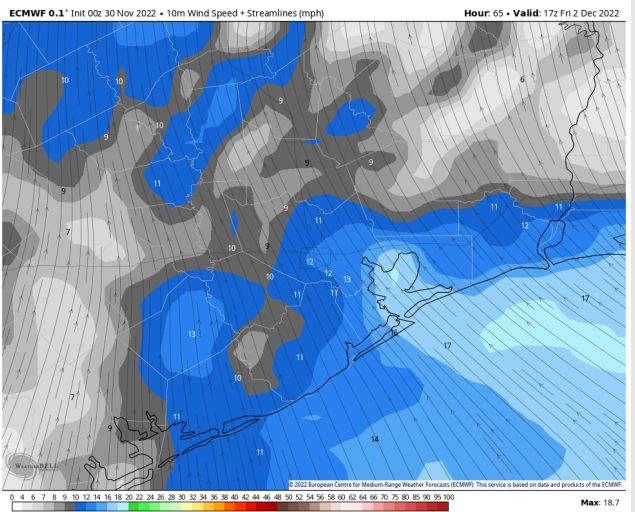
Temps: High temperatures will be in the mid to upper 70s across all stations except the Boarding Station, where temperatures will be cooler around 70 F.

Visibility: Patchy and possibly dense fog is will be likely, especially during the PM hours as SE flow promotes active moisture transport for sea fog. Morning hours look to be more of a patchy fog threat, with greater chances of widespread fog post mid-morning. More information to come as we get closer to date.

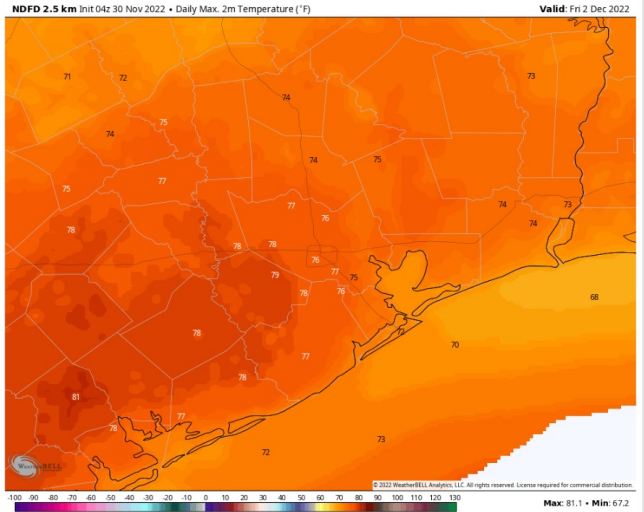
Precip Forecast: 9 PM CT



Wind Speed
11 AM CT



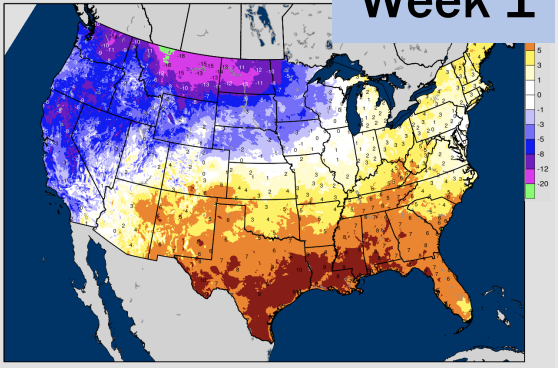
High Temps
Friday



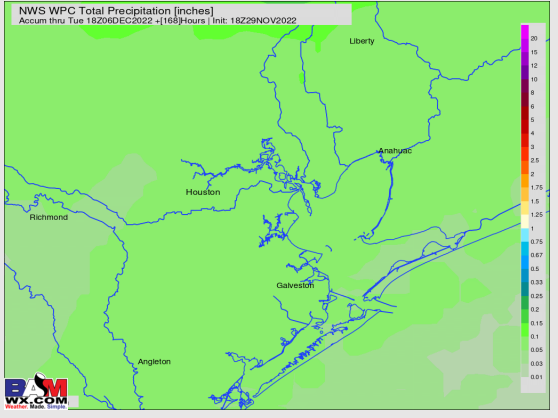
Houston Pilots: 11/30/22

BAMcast Average Temperature Anomaly [°F]
7-DAY AVG for Tue 29NOV2022 thru Mon 05DEC2022 Days 1 to 7

Week 1

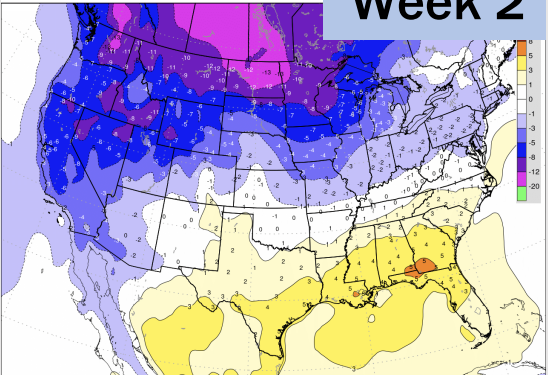


NWS WPC Total Precipitation [inches]
Accum thru Tue 18206DEC2022 +[168]-hours | Init: 18220NOV2022

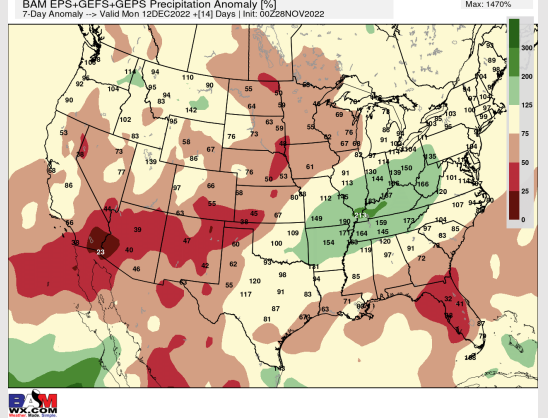


BAM EPS+GEFS 7-Day Average | 2-meter Temperature Anomaly [°F]
Init: Tue 00Z28NOV2022 +[336] HOURS -> Valid Tue 00Z13DEC2022

Week 2

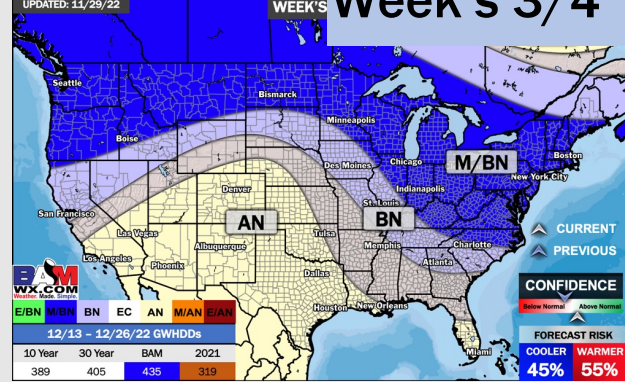


BAM EPS+GEFS+GEMS Precipitation Anomaly [%]
7-Day Anomaly -> Valid Mon 12DEC2022 +[14] Days | Init: 00Z28NOV2022
Max: 1470%

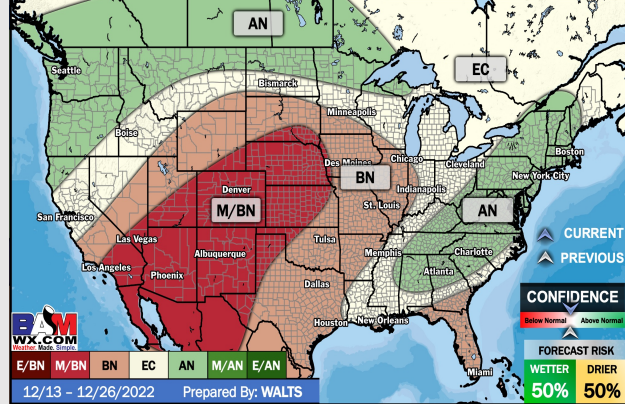


UPDATED: 11/29/22 WEEK'S

Week's 3/4



UPDATED: 11/29/22 WEEK'S 3/4 PRECIP DEPARTURE



- After rain moves out today, very low rain chances Fri/Sat/Sun afternoons. Week 1 temperatures to be above normal.
- Week 2 is expected to be slightly above normal for temperatures and slightly below normal for rain chances into early December.
- The weeks 3/4 timeframe looks to feature above normal temperatures and below normal risks for precipitation.