

Houston Pilots Forecast Package



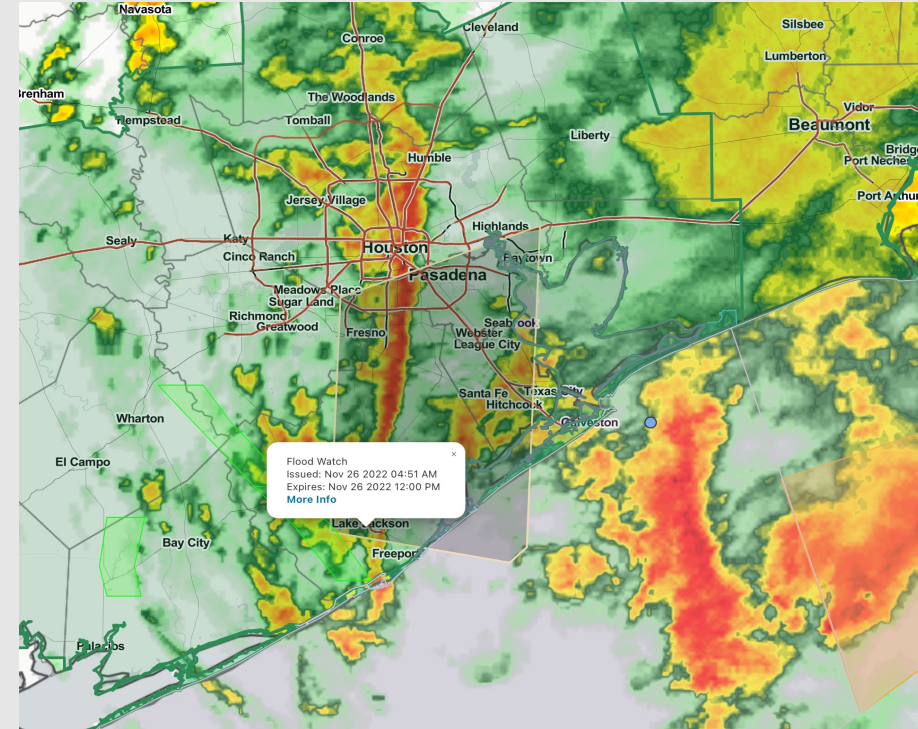
Updated: 6:15 AM CT

Saturday, November 26, 2022

Forecaster: Alyssa McClung

Weather Headlines

- Rainfall chances continue this morning before a calmer Saturday PM – Monday. Next shot of rain comes into the area Tuesday.
- Winds will continue to remain elevated over the next few days with winds *generally* sitting 15-20 knots at the boarding station (more info on slides below).
- **Extended reduced visibility forecast slide is now in place of the extended tropical forecast.**
- Eyeing potential fog/reduced visibility from rain/low clouds on Tuesday.
- The tropical storm threat is all but nonexistent moving forward.



Radar/NWS Alerts: 6:15 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



Monday 11/28/22

Keeping an eye on Monday evening (after sundown) for potential fog development as winds turn more out of the SE.



Wednesday 11/30/22

Any reduced visibility from Tuesday may carry over to near daybreak before no issues the rest of the day.



Tuesday 11/29/22

Tuesday looks like a day where there could be a mix of rain showers/ potential patchy fog/ low cloud deck. Much of the day will hold reduced visibility risk. Specifics on timing and just how reduced visibility can get will need to be fine tuned.



Chance for Reduced Visibility

Monday AM	Unlikely
Monday PM	Possible
Tuesday AM	Possible
Tuesday PM	Possible
Wednesday AM	Unlikely
Wednesday 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	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm		
610 Bridge	8	6	11	11	5	10	10	11	9	10	10	9	8	7	7	8	7	7	6	5	5	5	5	5	5	5	5	4	6	7	7	7	7	7	7			
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See slides below for official thoughts on winds.

Houston Pilots: sat. 11/26/2022



Forecast Discussion

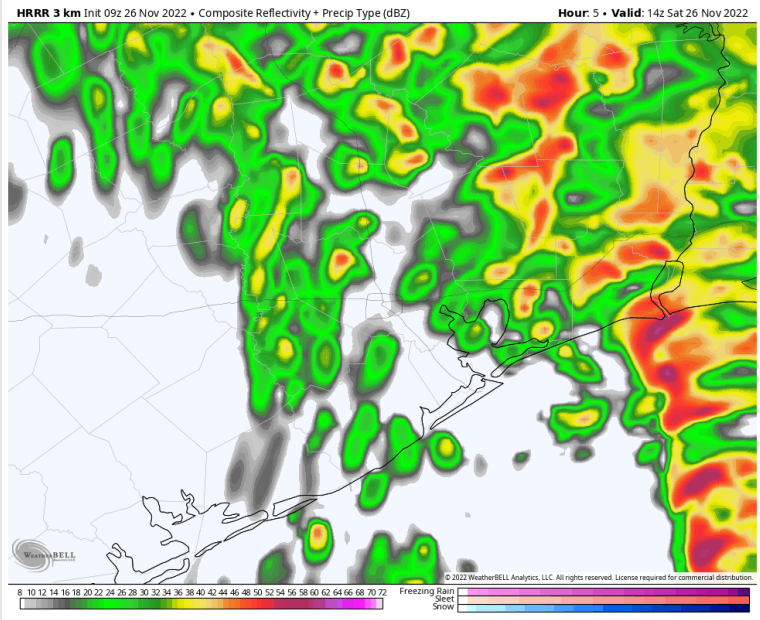
Precip: Widespread showers/and heavier storms (90% chance) will continue through 8 AM. Chances will begin to decrease after 8 AM to 70% as showers/ storms become more scattered throughout the area. Anticipating dry conditions by 12 PM that will continue for the rest of the day. Currently targeting the 6 - 8 AM window for the best threat of seeing a few stronger storms capable of producing lightning, heavy rain, and gusty winds.

Wind: Sustained winds this morning out of the ENE at 13-18 kts at the boarding station (gusts 18-23 kts possible). Winds then shift out of the E in the 7 - 8 AM timeframe when the best strong storm risk is. Winds will then stay out of the W/WSW at 15-20 kts with gusts reaching 20-25 knots. Under the heaviest cells in the morning, a few gusts of 29 - 32 kts will be possible. Winds N of Morgan's Point 3 - 7 kts after 6 PM.

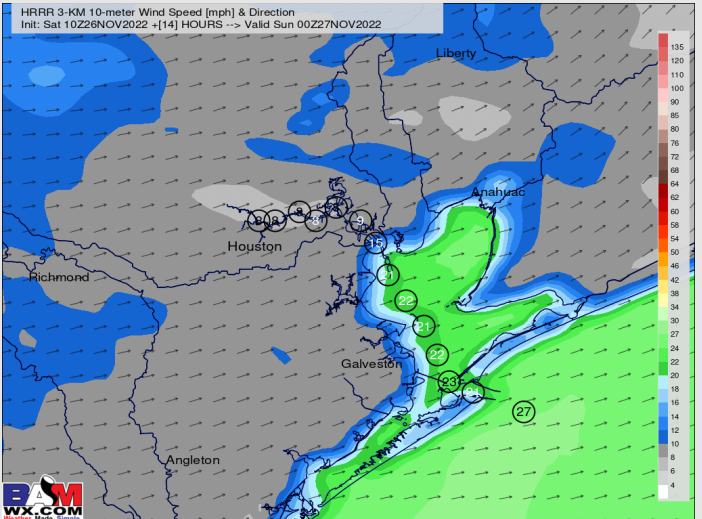
Temps: High temperatures on Saturday in the high 60s F to low 70s F.

Visibility: Not anticipating any visibility concerns the rest of the day.

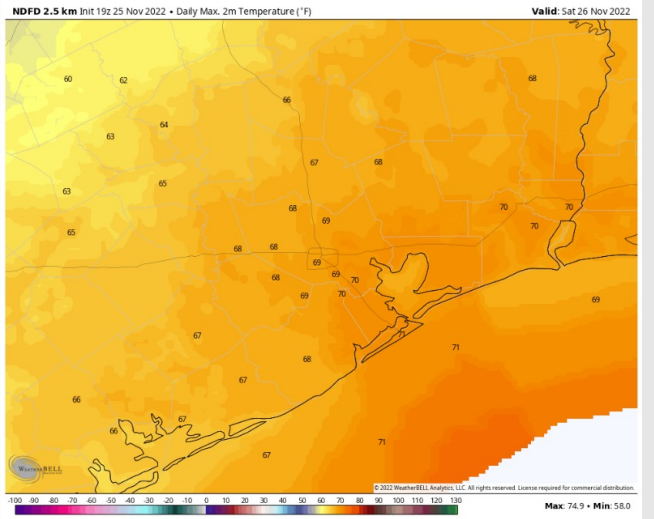
Precip Forecast: 8 AM CT



Wind Speed
6 PM CT



High Temps
Saturday



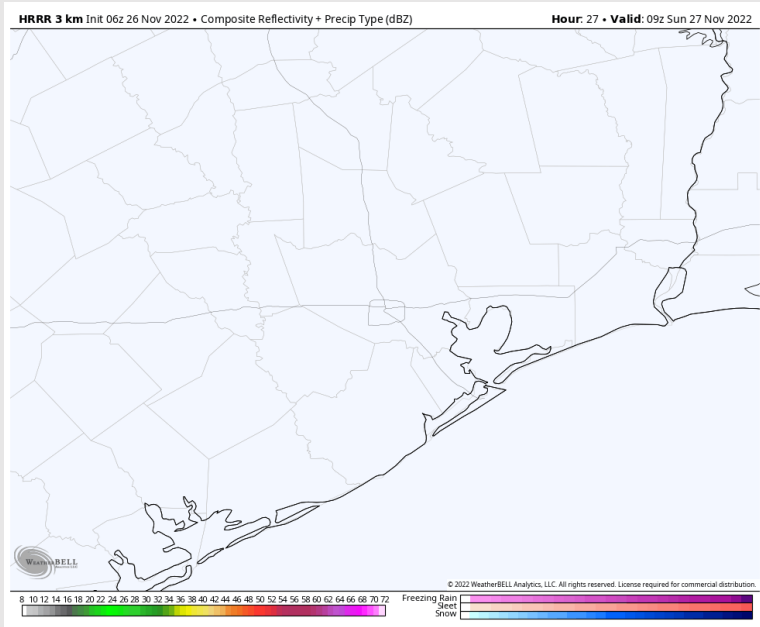
Houston Pilots: Sun. 11/27/2022



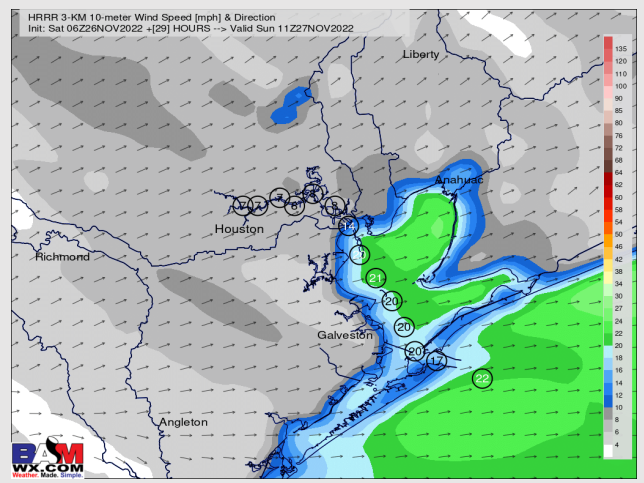
Forecast Discussion

- Precip:** Anticipating dry conditions Sunday.
- Wind:** Sustained winds generally out of the W throughout the day. Winds S of Morgan's Point 13 -19 kts early in the AM with winds N of Morgan's Point 5 - 10 kts. After 10 AM, all winds 8 - 14 kts.
- Temps:** Highs temps Sunday near 70 F across all stations.
- Visibility:** Not anticipating fog at this time.

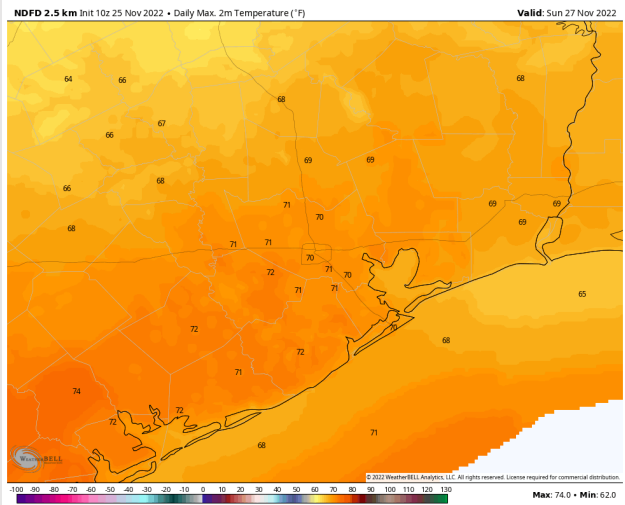
Precip Forecast: 4 PM CT



Wind Speed
5 AM CT



High Temps
Sunday



Forecast Discussion

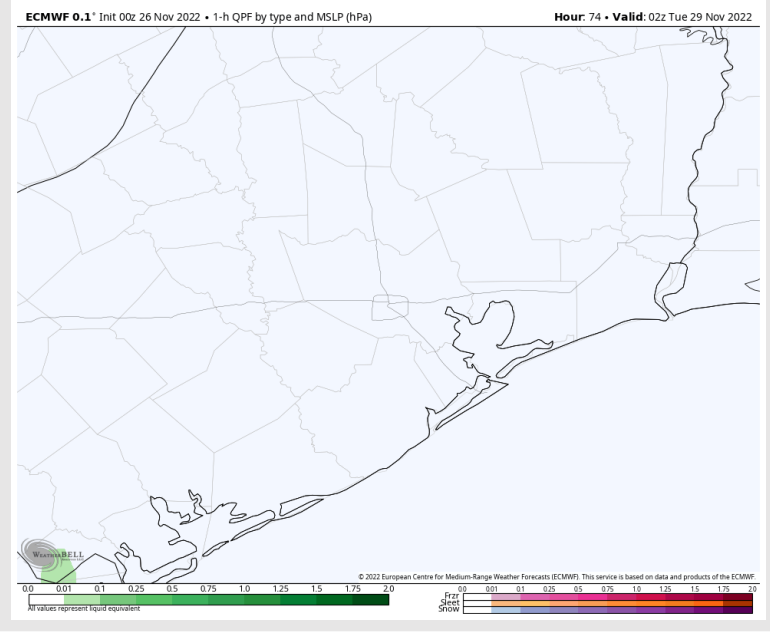
Precip: Anticipating dry conditions Monday.

Wind: Variable winds all day Monday. Winds N of Morgan's Point 3 – 8 kts. Winds S of Morgan's Point 8 – 13 kts. Although winds are variable, winds will generally be out of the ESE/SE Monday evening into Tues.

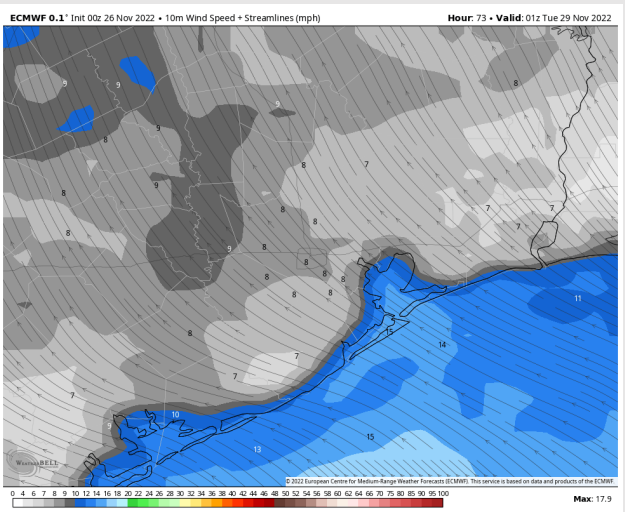
Temps: High Temps Monday near 70 F for all stations.

Visibility: Not anticipating any fog concerns Monday AM. Will need to monitor late Monday PM into Tuesday AM for reduced visibility.

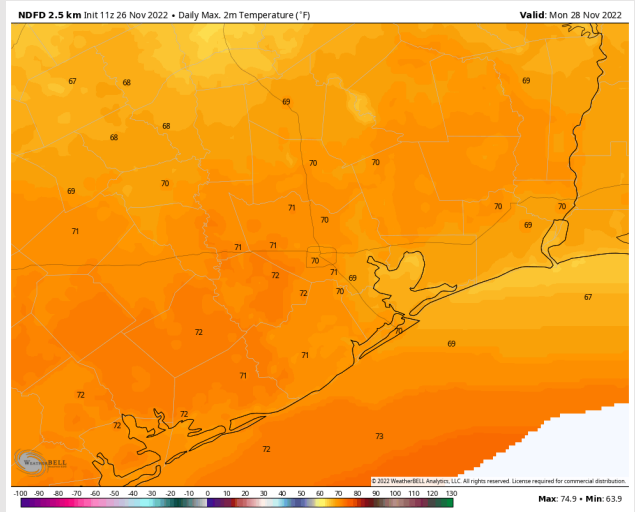
Precip Forecast: 8 PM CT



Wind Speed
9 PM CT

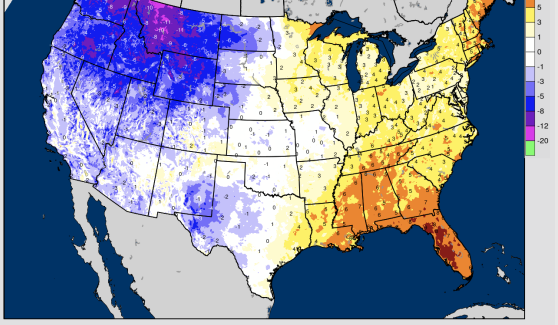


High Temps
Monday

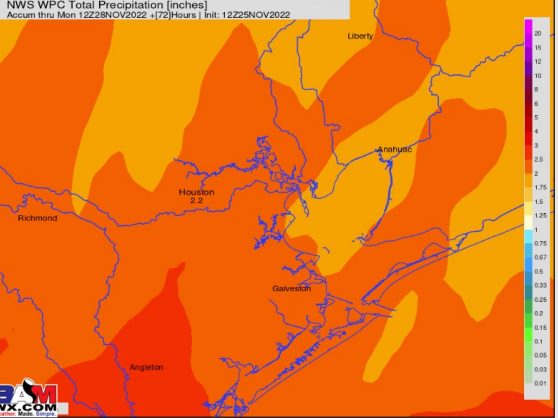


Houston Pilots: 11/26/22

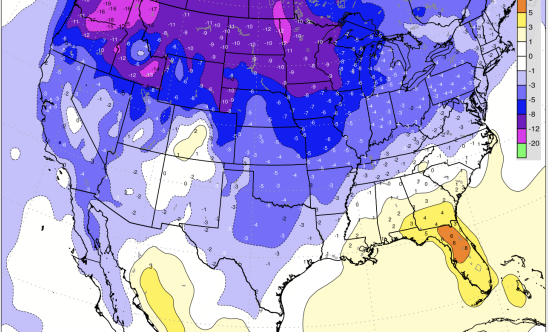
BAMcast Average Temperature Anomaly [°F]
7-DAY AVG for Fri 25NOV2022 thru Thu 01DEC2022 Days 1 to 7



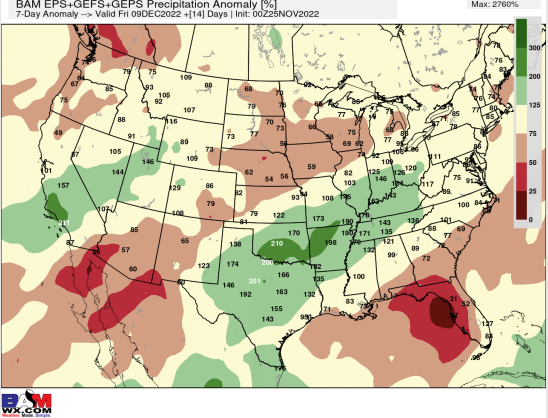
NWS WPC Total Precipitation [inches]
Accum thru Mon 12/28NOV2022 +172Hrs Int: 12/25NOV2022



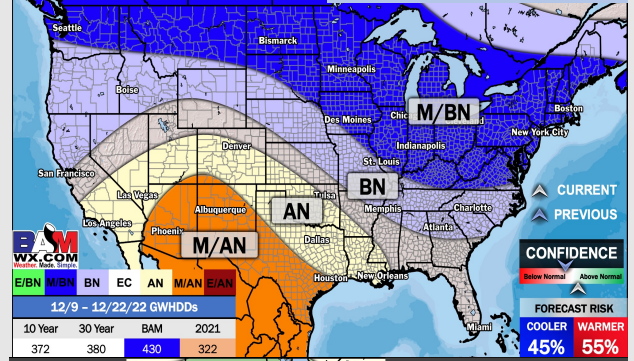
GEFSv12 7-Day Average - 2-meter Temperature Anomaly [°F]
Init: Fri 00Z25NOV2022 +[336] HOURS -> Valid Fri 00Z09DEC2022



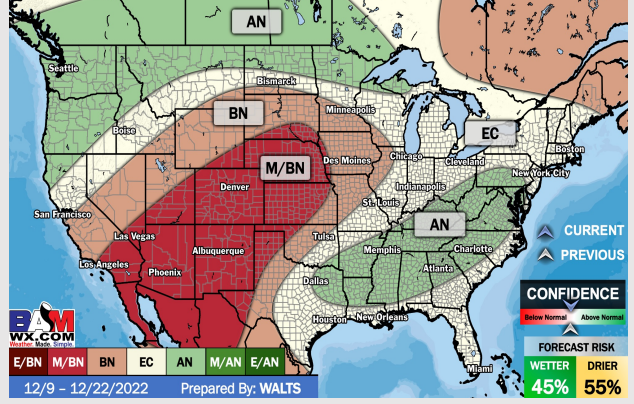
BAM EPS+GEFS+GEPs Precipitation Anomaly [%]
7-Day Anomaly -> Valid Fri 09DEC2022 +114] Days Int: 00Z25NOV2022



UPDATED: 11/25/22 WEEK'S 3/4



UPDATED: 11/25/22 WEEK'S 3/4 PRECIP DEPARTURE



- Rain chances through tomorrow AM where heavy rain will be possible. A break Saturday PM – Monday before another shot of rain Tuesday.
- Week 2 is expected to be near normal for temperatures and near normal for rain chances into early December.
- The weeks ¾ timeframe looks to feature above normal temperatures and below normal risks for precipitation.