

Houston Pilots Forecast Package



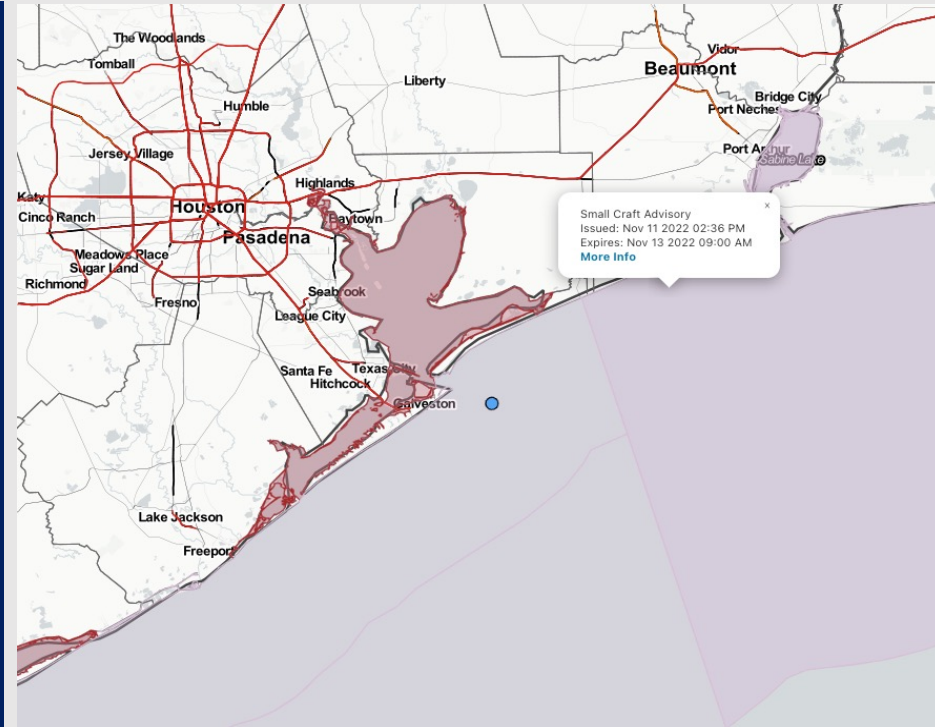
Updated: 2:45 PM CT

Saturday, November 12, 2022

Forecaster: Will Danby

Weather Headlines

- Anticipating dry conditions over the weekend with rain chances for the area returning Monday afternoon.
- Higher winds gusts expected Saturday morning of around 25 kts.
- Winds expected out of the NE/E over next couple of days, while eventually coming out of the NW by Monday evening.
- Not anticipating any concerns for reduced visibility at this time.



Radar/NWS Alerts: 2:45 PM CT

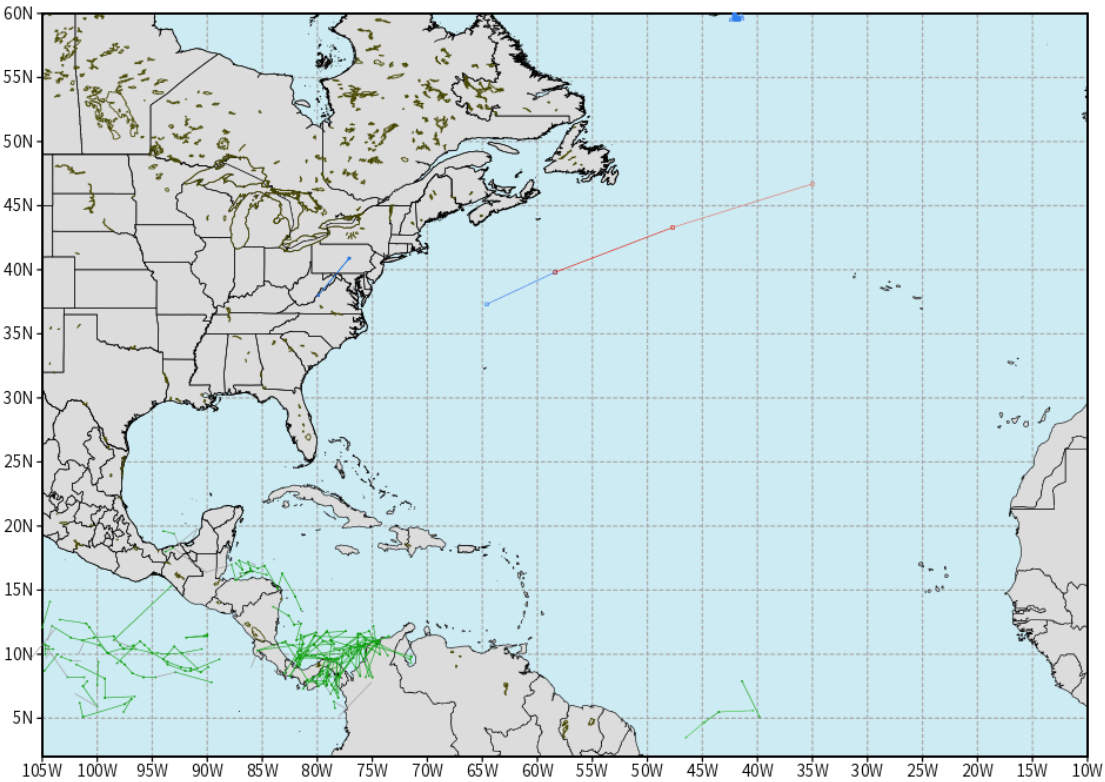


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

European Data Tracks Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z12NOV2022 --> UNTIL 00Z22NOV2022

- o-o ENSEMBLE MEAN
- o-o 1000 - 1010 hPa
- o-o 980 - 999 hPa
- o-o 960 - 979 hPa
- o-o 950 - 959 hPa
- o-o < 950 hPa



weathermodels.com

Not anticipating any tropical activity for SE TX over the next 10 days.

Confidence



Above Normal Below Normal

Houston Pilots Wind Report



Example

Sustained wind 13 Knots
 Gusts 18 Knots
 Wind from the N

WS: 13
 G:18
 N

Time	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	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am
610 Bridge	11 19 N	11 17 N	11 17 NW	10 16 SE	9 17 N	6 18 N	5 13 NNE	4 10 NNE	4 10 NNE	5 11 NNE	5 11 NNE	4 11 NNE	4 10 NNE	4 10 NNE	5 10 NNE	6 10 NNE	6 11 NNE	6 11 NNE	7 13 NE	8 13 NE	8 12 ENE	7 11 ENE	7 10 ENE	7 10 ENE	6 9 ENE	6 9 ENE	6 8 ENE	5 7 ENE	5 8 ENE	5 9 ENE	5 9 ENE	5 10 ENE	6 10 ENE	7 10 ENE		
Kinder 1	11 19 N	11 17 N	11 16 W	10 17 NE	9 18 N	6 17 N	5 12 NNE	5 11 NNE	4 11 NNE	5 12 NNE	5 11 NNE	4 12 NNE	4 11 NNE	4 10 NNE	5 10 NNE	6 10 NNE	6 11 NNE	6 11 NNE	7 13 NE	8 13 NE	8 12 ENE	7 11 ENE	7 10 ENE	7 9 ENE	6 8 ENE	6 8 ENE	5 7 ENE	5 8 ENE	5 9 ENE	5 9 ENE	5 10 ENE	6 10 ENE	7 10 ENE	7 11 ENE		
Greens Bayou	11 20 N	11 17 N	11 16 W	10 17 N	8 17 N	6 18 N	5 13 NNE	5 13 NNE	4 12 NNE	5 11 NNE	4 12 NNE	4 11 NNE	4 11 NNE	4 10 NNE	5 10 NNE	6 10 NNE	6 11 NNE	6 11 NNE	7 13 NE	8 13 NE	8 12 ENE	7 10 ENE	7 9 ENE	7 9 ENE	6 8 ENE	6 8 ENE	5 7 ENE	5 8 ENE	5 9 ENE	5 9 ENE	5 10 ENE	6 10 ENE	7 10 ENE	7 11 ENE		
Shell Crude	11 21 N	11 17 N	11 17 WNW	10 18 N	8 18 N	6 18 N	6 15 NNE	5 14 NNE	4 12 NNE	5 13 NNE	5 13 NNE	4 13 NNE	4 12 NNE	4 11 NNE	4 11 NNE	5 11 NNE	6 11 NNE	6 12 NNE	6 13 NE	8 13 NE	9 12 ENE	8 10 ENE	7 9 ENE	7 9 ENE	6 8 ENE	6 8 ENE	5 7 ENE	5 8 ENE	5 9 ENE	5 9 ENE	5 10 ENE	6 10 ENE	7 10 ENE	7 11 ENE		
Lynchburg Ferries	12 21 N	12 18 N	11 17 N	10 18 SSE	8 18 N	6 18 N	6 16 NNE	5 13 NNE	5 13 NNE	4 14 NNE	4 13 NNE	4 12 NNE	4 11 NNE	4 11 NNE	4 11 NNE	6 11 NNE	6 11 NNE	6 11 NNE	6 13 NE	8 13 NE	9 12 ENE	8 11 ENE	7 10 ENE	7 9 ENE	7 8 ENE	6 8 ENE	6 8 ENE	5 7 ENE	5 8 ENE	5 9 ENE	5 9 ENE	6 10 ENE	7 10 ENE	7 11 ENE		
Exxon 3	12 21 N	12 18 N	11 18 N	10 18 NW	8 20 NNE	7 18 NE	6 16 NNE	5 17 NNE	5 17 NNE	5 16 NNE	4 15 NNE	4 14 NNE	4 14 NNE	4 14 NNE	6 12 NNE	7 12 NNE	7 12 NNE	7 13 NE	8 13 NE	9 12 ENE	9 12 ENE	8 10 ENE	7 9 ENE	7 8 ENE	7 8 ENE	6 8 ENE	6 8 ENE	5 7 ENE	6 10 ENE	6 10 ENE	6 11 ENE	7 11 ENE	8 12 ENE			
Morgans Point	13 22 N	12 19 N	12 18 N	11 18 ENE	10 19 E	8 21 NNE	8 19 NNE	8 19 NNE	8 19 NNE	8 19 NNE	8 18 NNE	7 18 NNE	7 17 NNE	7 17 NNE	8 14 NNE	8 14 NNE	9 15 NE	10 15 NE	10 14 NE	10 13 ENE	9 12 ENE	8 11 ENE	8 10 ENE	7 9 ENE	7 9 ENE	7 7 ENE	7 7 ENE	6 7 ENE	6 10 ENE	7 10 ENE	7 11 ENE	8 12 ENE	8 13 ENE			
75/76	16 23 N	16 21 N	16 20 N	16 19 N	16 21 ESE	16 21 E	15 20 NNE	15 20 NNE	15 20 NNE	15 20 NNE	15 20 NNE	15 19 NNE	14 18 NNE	14 18 NNE	14 18 NNE	13 17 NNE	11 15 NNE	11 15 NNE	11 16 NE	12 16 NE	13 15 ENE	12 14 ENE	11 13 ENE	9 10 ENE	8 10 ENE	8 10 ENE	7 10 ENE	7 10 ENE	8 10 ENE	8 11 ENE	9 12 ENE	10 13 ENE	11 14 ENE	12 15 ENE		
63/64	18 25 N	18 22 N	18 20 N	18 20 S	19 21 NE	19 21 NE	18 20 NNE	18 20 NNE	18 20 NNE	18 20 NNE	18 20 NNE	17 19 NNE	17 18 NNE	17 18 NNE	16 17 NNE	13 16 NNE	13 16 NNE	13 16 NNE	13 17 NE	14 17 NE	14 16 ENE	13 15 ENE	11 12 ENE	10 11 ENE	9 11 ENE	8 10 ENE	8 10 ENE	8 10 ENE	9 11 ENE	9 12 ENE	10 13 ENE	11 14 ENE	12 15 ENE	13 16 ENE		
51/52	19 26 N	18 23 N	18 21 N	19 21 N	19 21 SW	19 21 N	19 21 NNE	19 21 NNE	19 20 NNE	18 20 NNE	18 20 NNE	18 19 NNE	18 19 NNE	17 18 NNE	17 17 NNE	14 17 NNE	14 17 NNE	14 17 NNE	14 18 NE	14 17 NE	13 16 ENE	11 14 ENE	10 11 ENE	9 11 ENE	8 10 ENE	8 10 ENE	8 10 ENE	9 11 ENE	9 12 ENE	10 13 ENE	11 14 ENE	12 15 ENE	13 16 ENE	14 17 ENE		
37/38	20 26 N	19 23 N	19 21 N	20 21 N	20 21 SW	19 21 N	19 20 NNE	19 20 NNE	18 20 NNE	18 20 NNE	18 20 NNE	18 19 NNE	18 19 NNE	17 18 NNE	15 17 NNE	15 17 NNE	15 17 NNE	15 17 NNE	15 18 NE	15 18 NE	13 16 ENE	12 14 ENE	11 13 ENE	9 11 ENE	9 10 ENE	9 10 ENE	9 10 ENE	10 11 ENE	10 11 ENE	11 12 ENE	12 13 ENE	13 14 ENE	14 15 ENE	15 16 ENE		
25/26	19 26 N	19 23 N	19 21 N	19 21 N	19 21 SSE	18 21 N	18 20 NNE	17 20 NNE	17 19 NNE	17 19 NNE	17 19 NNE	16 18 NNE	16 18 NNE	16 18 NNE	15 17 NNE	15 17 NNE	15 17 NNE	15 18 NNE	15 18 NNE	15 18 NE	13 16 ENE	12 15 ENE	11 14 ENE	10 13 ENE	9 12 ENE	9 11 ENE	9 11 ENE	10 11 ENE	10 11 ENE	11 12 ENE	12 13 ENE	13 14 ENE	14 15 ENE	15 16 ENE		
11/12	18 25 N	18 22 N	18 21 N	18 21 N	17 21 NNE	17 21 NNE	16 20 NNE	16 19 NNE	16 19 NNE	16 19 NNE	16 19 NNE	16 18 NNE	15 18 NNE	15 18 NNE	15 17 NNE	15 17 NNE	15 17 NNE	15 18 NNE	15 18 NNE	15 18 NE	14 16 ENE	13 15 ENE	11 13 ENE	10 12 ENE	10 11 ENE	10 11 ENE	10 11 ENE	10 11 ENE	11 12 ENE	12 13 ENE	13 14 ENE	14 15 ENE	15 16 ENE	16 17 ENE		
1 & 2 Bravo	19 25 N	20 23 NNW	20 21 N	20 20 SW	20 21 N	20 21 N	20 20 NNE	20 19 NNE	20 19 NNE	20 19 NNE	20 19 NNE	19 20 NNE	19 19 NNE	19 19 NNE	18 19 NNE	18 19 NNE	17 17 NE	17 17 NE	17 17 NE	16 16 ENE	15 14 ENE	13 13 ENE	12 13 ENE	11 13 ENE	11 13 ENE	11 13 ENE	11 13 ENE	11 13 ENE	11 12 ENE	12 13 ENE	13 14 ENE	14 15 ENE	15 16 ENE	16 17 ENE		

See slides below for official thoughts on winds.

Houston Pilots: sat. 11/12/2022



Forecast Discussion

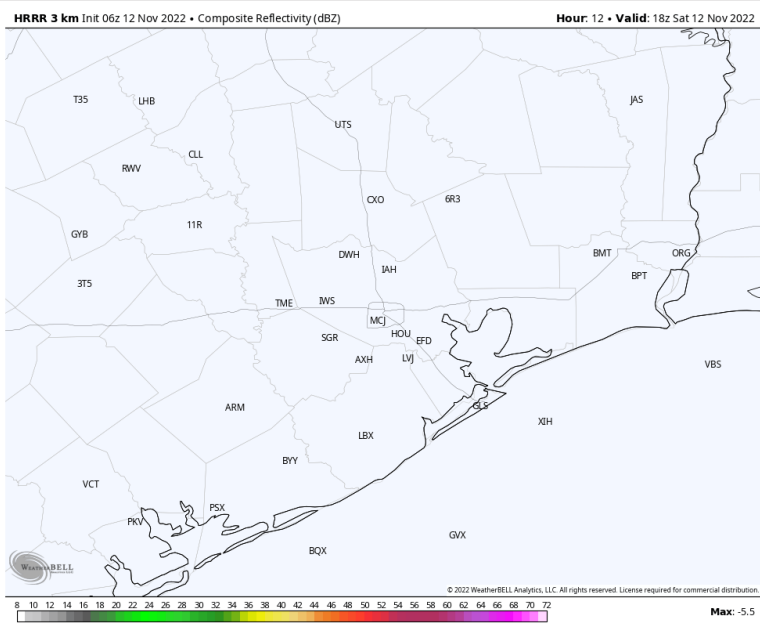
Precip: Expecting dry conditions for this afternoon into the overnight.

Wind: Sustained winds from the N to NNE for the remainder of the day and overnight. At 3 PM winds will be at 10 – 15 kts N of Morgan’s Point and 18 – 23 kts S of Morgan’s point. After 7 PM winds subside N of Morgan’s Point to 3 -6 kts but remain elevated across all other stations. Gusts up to 25 kts will be possible at the Boarding Station.

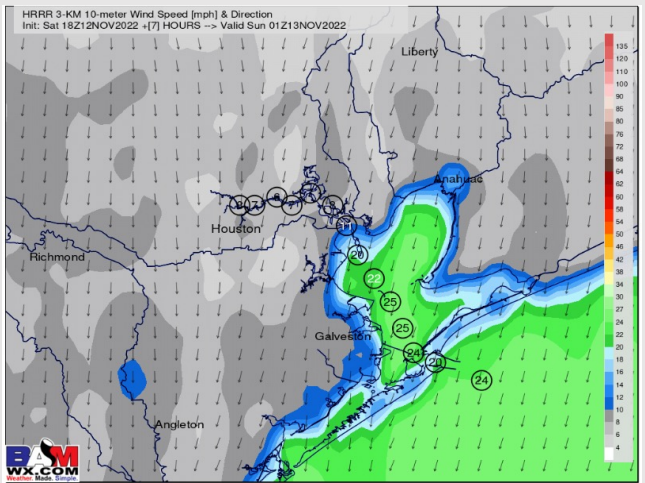
Temps: Unseasonably cold low temperatures in the low 40s F over land stations and lower 50s F over the bay area Sunday morning.

Visibility: Not anticipating visibility concerns at this time.

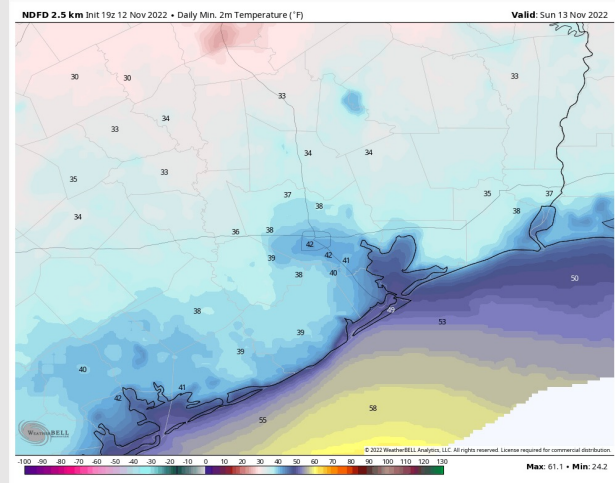
Precip Forecast: 8 PM CT



Wind Speed
7 PM CT



Low temps
Sun AM



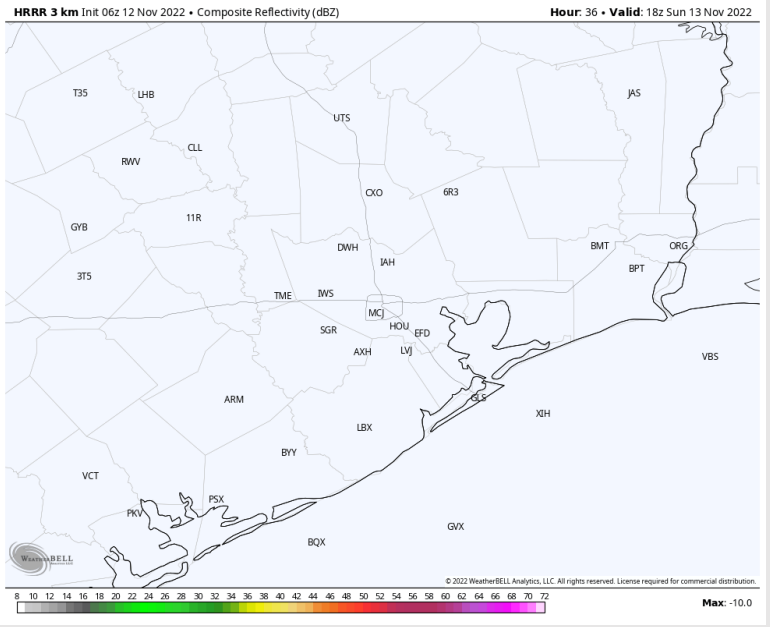
Houston Pilots: Sun. 11/13/2022



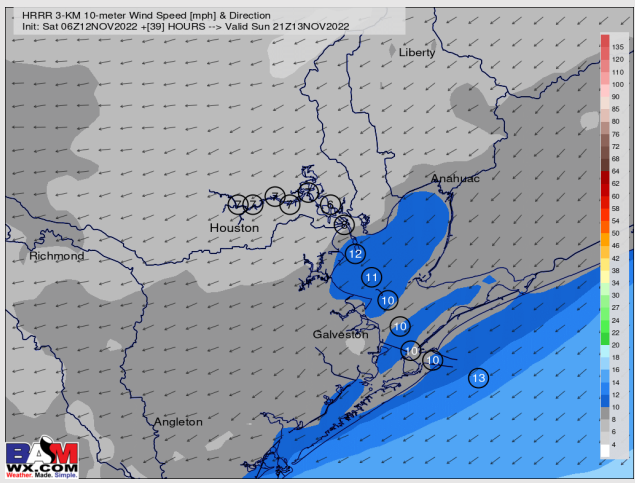
Forecast Discussion

- Precip:** Anticipating dry conditions throughout the day Sunday.
- Wind:** Sustained winds out of the NE Sunday AM. Winds N of Morgan's Point at 5-10 kts, while winds S of Morgan's Point at 13-18 kts until 1 PM. After 1 PM winds begin to shift out of the ENE, winds N of Morgan's Point decrease to 3-7 kts and winds S of Morgan's Point decrease slightly to 11-16 kts for the rest of the day.
- Temps:** High temps Sunday in the upper 50s/low 60s F for all stations.
- Visibility:** No concerns for reduced visibility at this time.

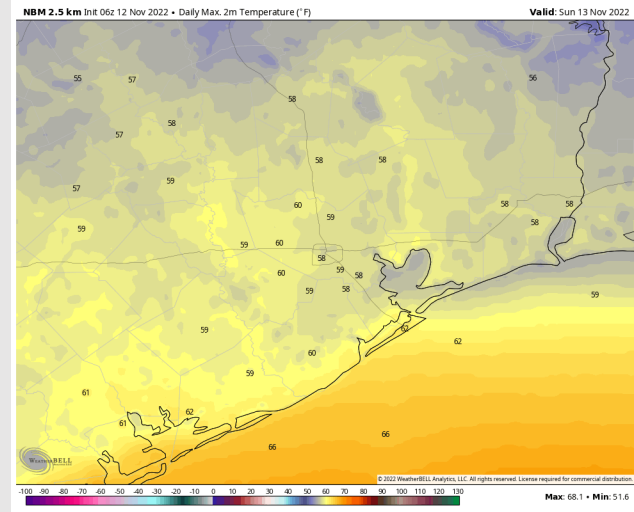
Precip Forecast: 12 PM CT



Wind Speed
3 PM CT



High Temps
Sunday



Houston Pilots: Mon. 11/14/2022



Forecast Discussion

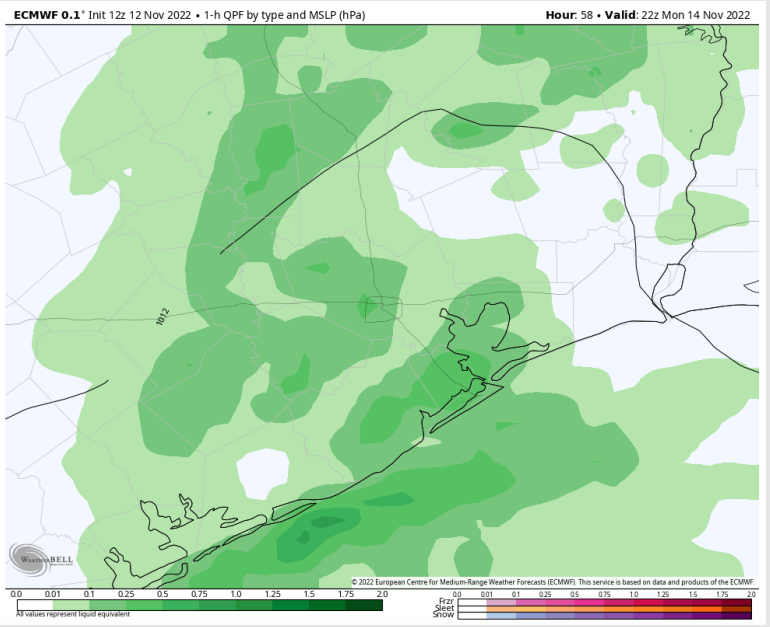
Precip: Anticipating chances of scattered showers/storms to start at 11 AM Monday. Showers/storms will become more widespread throughout the area after 2 PM and last until 9 PM.

Wind: Easterly winds in the morning will begin at 8 – 14 kts across all stations and gradually increase to 17 – 22 kts S of Morgan’s Point by 10 AM. Winds then shift from SE to NNW from 4 PM - 8 PM. After 8 PM winds across all stations will be 11 – 16 kts.

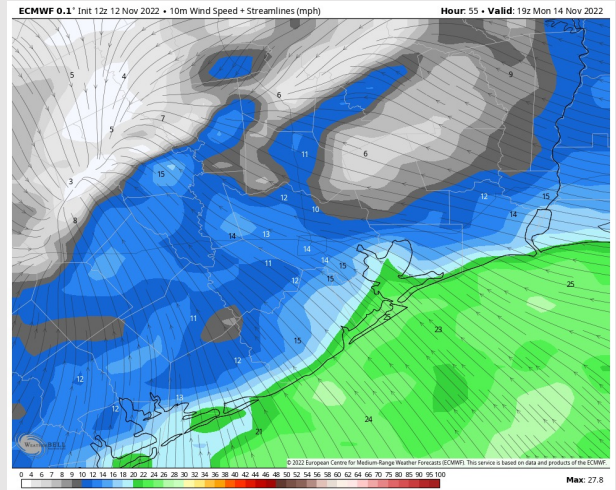
Temps: High temperatures Monday in the low 70s F for stations near the boarding station and mid 60s F for all other stations.

Visibility: Not anticipating any visibility concerns at this time.

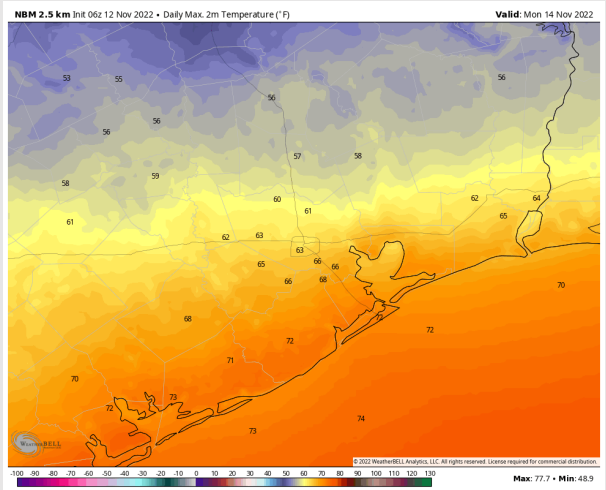
Precip Forecast: 4 PM CT



Wind Speed
1 PM CT



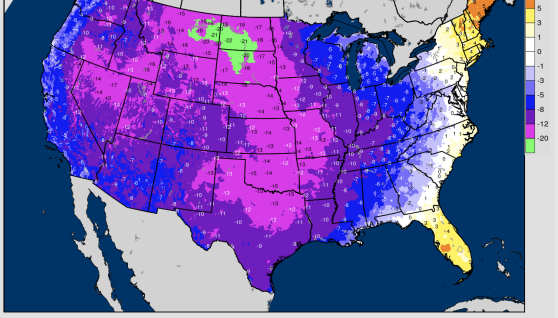
High Temps
Monday



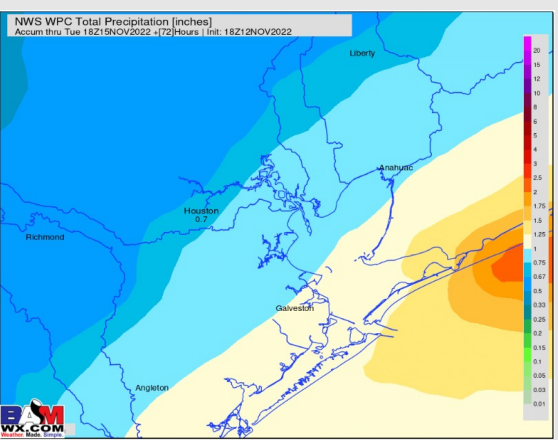
Houston Pilots: 11/12/22

BAMcast Average Temperature Anomaly (°F)
7-DAY AVG for Fri 11NOV2022 thru Thu 17NOV2022 Days 1 to 7

Week 1

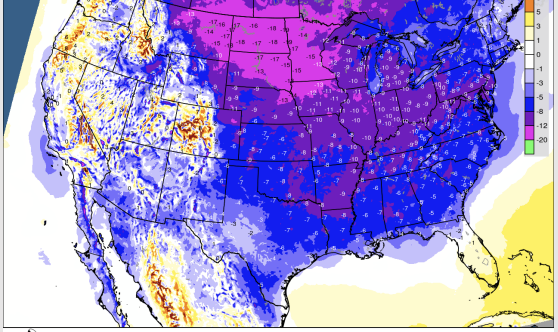


NWS WPC Total Precipitation [inches]
Accum thru Tue 18Z15NOV2022 -17Z Hours 1 Init: 18Z12NOV2022

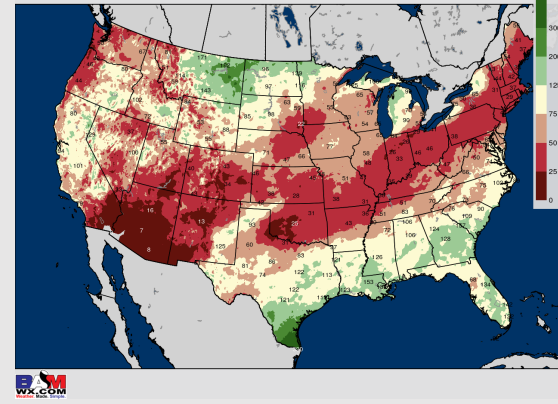


GEFS-D Average Temperature Anomaly (°F)
7-DAY AVG for Sat 19NOV2022 thru Fri 25NOV2022 Days 8 to 14

Week 2

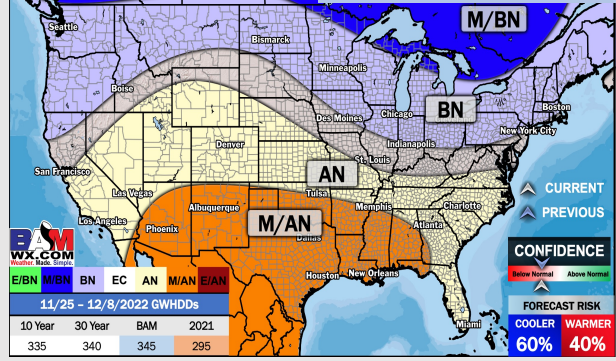


GEFS-D Ensemble Mean Precipitation Anomaly [%]
7-DAY ACCUM Init: 00Z11NOV2022 Valid Fri 18NOV2022 thru Fri 25NOV2022



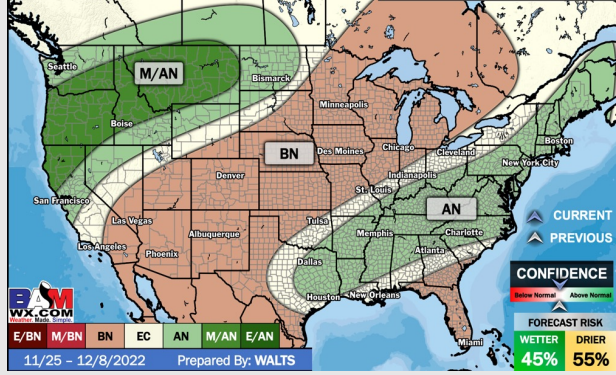
UPDATED: 11/11/22

Week's 3/4



UPDATED: 11/11/22

WEEK'S 3/4 PRECIP DEPARTURE



- Temperatures expected to be below normal this week. Best chance for precipitation arrives Monday afternoon.
- Week 2 to feature below normal temperatures and slightly above normal precipitation.
- The weeks ¾ timeframe looks to feature above normal temperatures and above normal risks for precipitation.