

Houston Pilots Forecast Package



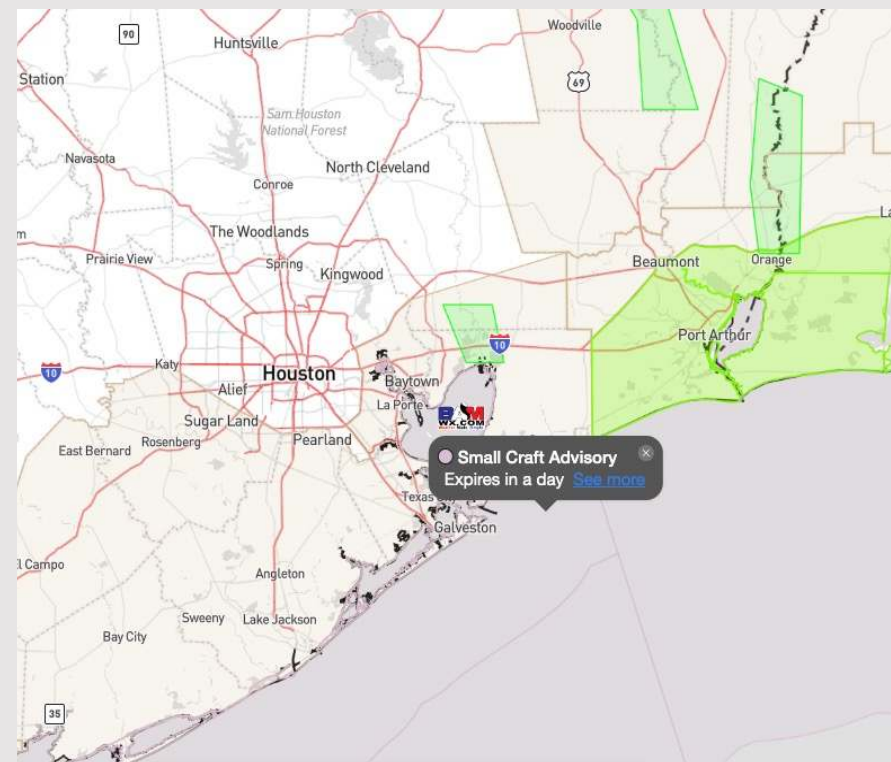
Updated: 2:00 PM CT

Saturday, April 27, 2024

Forecaster: Jonathan Kipper

Weather Headlines

- Anticipating multiple periods of showers and storms to be in play through MON afternoon.
- Not anticipating any fog concerns the next few days.
- Elevated winds are expected to continue through the weekend.
- **Prolonged winds out of the S/SE will cause an increase in wave heights. Greatest threat will be now through MON AM with heights over 6 ft.**



Current Radar: 1:55 PM CT



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

Houston Pilots Wave Height Update



Port Condition	34 KTS+ Sustained Winds	6 Foot Waves	Time Remaining/Trigger End
Victor	N/A	N/A	N/A
Whiskey	N/A	N/A	N/A
X-Ray	NO	N/A	N/A
Yankee	NO	N/A	N/A
Zulu	NO	IN EFFECT	7 AM CT MON

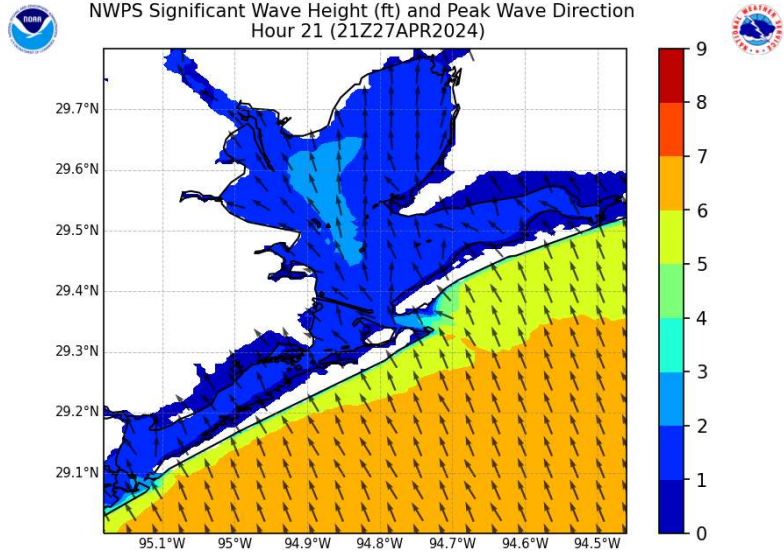
Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	No
Whiskey	72 hours prior to predicted sustained winds of 34+ KTS	No
X-Ray	48 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	Yes
Yankee	24 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	Yes
Zulu	12 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	Yes

Wave heights will continue to be on the increase throughout SAT/SUN with heights at the Boarding Station reaching 7 to 8 ft by 4 AM CT SUN.

Wave heights will continue at/around 6 ft throughout SUN and into MON morning, with 7 AM CT MON being when heights are expected to drop below 6 ft for good.

Houston Pilots Wave Height Update

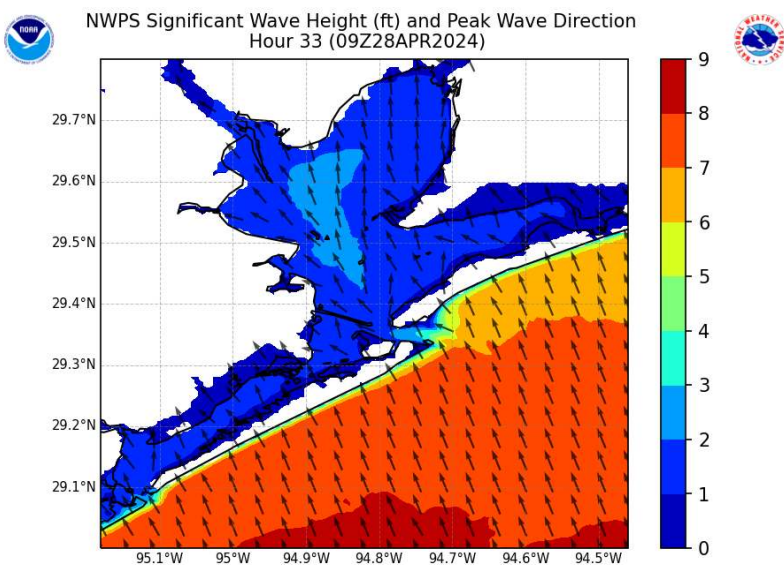
Significant Wave Height Image



4 PM CT SAT

Expecting elevated winds out of the SSE to further increase wave heights throughout the weekend. Wave heights of 5-6 ft will continue throughout the afternoon/PM hours SAT.

Wave heights will gradually increase throughout today and into SUN, reaching 7-8 ft by 4 AM CT SUN.



4 AM CT SUN

Seeing wave heights continue at/above 6 ft through MON AM before decreasing throughout the day on MON.

Houston Pilots Extended Range Visibility Report



Tuesday 4/30/24

Fog not favored for TUE.

Forecast Confidence



Thursday 5/2/24

Fog not favored for THU.

Forecast Confidence



Wednesday 5/1/24

Fog not favored for WED.

Forecast Confidence



Chance for Fog

Tuesday AM	Unlikely
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Time	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
610 Bridge	6	5	5	5	5	4	4	5	5	5	6	6	6	6	6	6	6	5	3	4	5	5	5	4
Kinder 1	6	5	5	5	5	4	4	5	5	5	6	6	6	6	6	6	6	5	3	4	5	5	5	5
Greens Bayou	5	5	5	5	5	4	4	5	5	5	6	6	6	6	6	6	6	5	3	4	5	5	5	4
Shell Crude	5	5	5	5	5	4	4	5	5	5	6	6	6	6	6	6	6	5	3	4	5	5	5	4
Lynchburg Ferries	6	6	6	6	5	5	5	5	5	5	6	6	6	6	6	6	6	5	3	4	5	5	5	5
Exxon 3	5	5	5	5	5	4	4	5	5	5	6	6	6	6	6	6	6	5	3	4	5	5	5	4
Morgans Point	5	5	5	5	5	4	4	5	5	5	6	6	6	6	6	6	6	5	3	3	4	5	5	4
75/76	5	5	4	4	4	3	4	4	4	4	5	5	6	6	6	10	10	10	10	10	10	10	10	10
63/64	5	5	4	4	4	3	3	4	4	4	5	5	6	6	6	10	10	10	10	10	10	10	10	10
51/52	4	4	4	4	3	3	3	4	4	4	4	5	5	6	6	10	10	10	10	10	9	9	9	9
37/38	4	4	4	4	3	3	3	4	4	4	4	4	5	5	5	10	10	9	9	9	9	9	9	9
25/26	4	4	3	3	3	3	3	4	4	4	4	4	5	5	5	10	10	9	9	9	9	9	9	9
11/12	4	4	3	3	3	3	3	4	4	4	4	4	4	5	5	10	10	9	9	9	9	9	9	9
1 & 2 Bravo	4	3	3	3	3	3	3	4	4	4	4	4	4	5	5	10	9	9	9	9	9	9	9	9

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only

Houston Pilots Wind Chart



Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

Example

WS: 13
G:18
N

Time Knots	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
610 Bridge	19 38 SSE	17 35 SSE	19 37 SSE	19 39 SSE	19 38 SSE	18 37 SE	19 37 SE	17 36 SE	19 40 SE	19 38 SE	20 40 SE	19 39 SSE	19 38 SSE	19 38 SSE	18 37 SSE	18 37 SSE	17 33 SSE	15 30 SSE	15 30 SSE	13 27 SSE	13 25 SSE	13 27 SSE	14 28 SSE	15 30 SSE
Kinder 1	19 37 SSE	17 35 SSE	18 36 SSE	19 38 SSE	19 37 SSE	18 37 SE	18 36 SE	18 37 SE	19 39 SE	19 38 SE	20 40 SE	20 39 SSE	19 38 SSE	19 38 SSE	18 36 SSE	19 38 SSE	17 33 SSE	15 30 SSE	15 30 SSE	13 27 SSE	13 25 SSE	13 27 SSE	13 28 SSE	14 29 SSE
Greens Bayou	18 36 SSE	17 35 SSE	18 36 SE	19 38 SE	18 37 SE	17 36 SE	17 36 SE	18 37 SE	20 40 SE	20 40 SE	21 42 SE	20 41 SSE	19 38 SSE	19 38 SSE	18 37 SSE	18 36 SSE	17 33 SSE	15 30 SSE	15 30 SSE	13 27 SSE	13 26 SSE	13 27 SSE	14 28 SSE	14 28 SSE
Shell Crude	17 35 SSE	17 34 SSE	17 36 SE	19 38 SE	19 37 SE	17 36 SE	18 37 SE	18 37 SE	20 40 SE	20 41 SE	21 42 SE	20 39 SSE	19 38 SSE	19 38 SSE	17 36 SSE	18 36 SSE	17 34 SSE	15 30 SSE	15 30 SSE	13 27 SSE	13 25 SSE	13 26 SSE	13 28 SSE	13 28 SSE
Lynchburg Ferries	18 36 SSE	17 35 SSE	19 37 SE	19 39 SE	19 38 SE	18 37 SE	19 38 SE	19 38 SE	21 41 SE	20 40 SE	21 41 SSE	20 40 SSE	18 37 SSE	18 37 SSE	17 35 SSE	17 35 SSE	17 33 SSE	15 30 SSE	14 29 SSE	13 26 SSE	13 25 SSE	13 27 SSE	13 28 SSE	14 28 SSE
Exxon 3	17 35 SSE	19 35 SE	18 36 SE	19 38 SE	19 38 SE	19 38 SE	19 38 SE	19 39 SE	20 40 SE	19 39 SE	21 41 SE	19 38 SSE	19 38 SSE	19 38 SSE	19 36 SSE	19 38 SSE	18 36 SSE	17 32 SSE	17 30 SSE	16 27 SSE	15 26 SSE	15 26 SSE	15 27 SSE	15 28 SSE
Morgans Point	18 36 SSE	19 37 SE	19 37 SE	20 39 SE	19 38 SE	19 38 SE	19 39 SE	21 41 SE	20 40 SE	21 39 SE	21 41 SSE	21 38 SSE	21 38 SSE	21 38 SSE	19 38 SSE	19 38 SSE	19 37 SSE	17 35 SSE	17 31 SSE	17 28 SSE	15 27 SSE	15 27 SSE	15 26 SSE	15 26 SSE
75/76	21 36 SE	23 38 SE	22 38 SE	23 39 SE	23 39 SE	23 38 SE	25 38 SE	26 38 SE	25 39 SE	26 38 SE	27 41 SE	27 39 SSE	25 39 SSE	25 40 SSE	25 38 SSE	25 38 SSE	25 38 SSE	24 35 SSE	23 34 SSE	22 32 SSE	20 29 SSE	18 27 SSE	18 28 SSE	17 28 SSE
63/64	21 37 SE	21 37 SE	21 38 SE	22 38 SE	24 39 SE	23 38 SE	25 38 SE	25 38 SE	25 39 SE	27 38 SE	27 41 SE	27 38 SSE	26 39 SSE	26 39 SSE	25 38 SSE	25 37 SSE	25 36 SSE	25 33 SSE	23 31 SSE	21 29 SSE	20 28 SSE	18 28 SSE	17 28 SSE	16 28 SSE
51/52	21 36 SE	21 36 SE	21 36 SE	22 37 SE	23 37 SE	24 38 SE	25 38 SE	25 38 SE	24 38 SE	25 38 SE	27 40 SE	26 38 SSE	27 40 SSE	26 38 SSE	26 38 SSE	25 37 SSE	25 38 SSE	25 36 SSE	23 33 SSE	21 30 SSE	19 28 SSE	17 27 SSE	17 28 SSE	15 26 SSE
37/38	22 37 SE	21 38 SE	20 36 SE	22 37 SE	23 38 SE	23 38 SE	24 39 SE	25 38 SE	24 39 SE	25 39 SE	27 41 SE	26 38 SSE	27 40 SSE	26 38 SSE	25 38 SSE	25 38 SSE	25 38 SSE	24 37 SSE	23 34 SSE	21 30 SSE	19 28 SSE	17 28 SSE	17 28 SSE	15 26 SSE
25/26	21 36 SE	21 37 SE	21 36 SE	22 38 SE	23 39 SE	23 38 SE	23 39 SE	24 38 SE	23 39 SE	25 38 SE	27 39 SE	25 38 SSE	26 39 SSE	25 39 SSE	25 38 SSE	25 38 SSE	25 38 SSE	24 37 SSE	22 34 SSE	21 30 SSE	19 28 SSE	17 28 SSE	17 27 SSE	15 26 SSE
11/12	21 35 SE	20 35 SE	20 36 SE	21 38 SE	22 38 SE	21 36 SE	22 38 SE	22 37 SE	22 38 SE	23 38 SE	25 38 SE	24 37 SSE	24 38 SSE	24 38 SSE	24 38 SSE	24 38 SSE	24 38 SSE	24 36 SSE	23 33 SSE	21 31 SSE	19 28 SSE	17 27 SSE	16 26 SSE	15 25 SSE
1 & 2 Bravo	21 35 SE	21 35 SE	23 36 SE	23 38 SE	23 39 SE	23 37 SE	23 37 SE	24 37 SE	24 39 SE	24 38 SE	25 38 SE	25 38 SSE	25 39 SSE	25 41 SSE	25 40 SSE	25 40 SSE	25 39 SSE	24 38 SSE	23 37 SSE	21 33 SSE	20 31 SSE	17 29 SSE	17 28 SSE	15 25 SE

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Houston Pilots: sat. 4/27/2024

Forecast Discussion

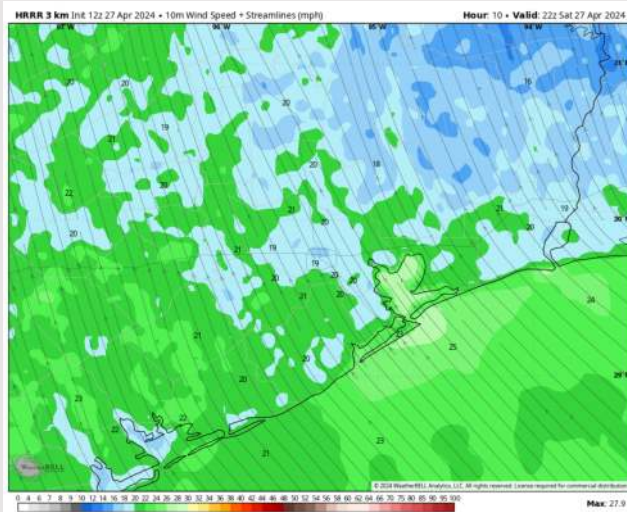
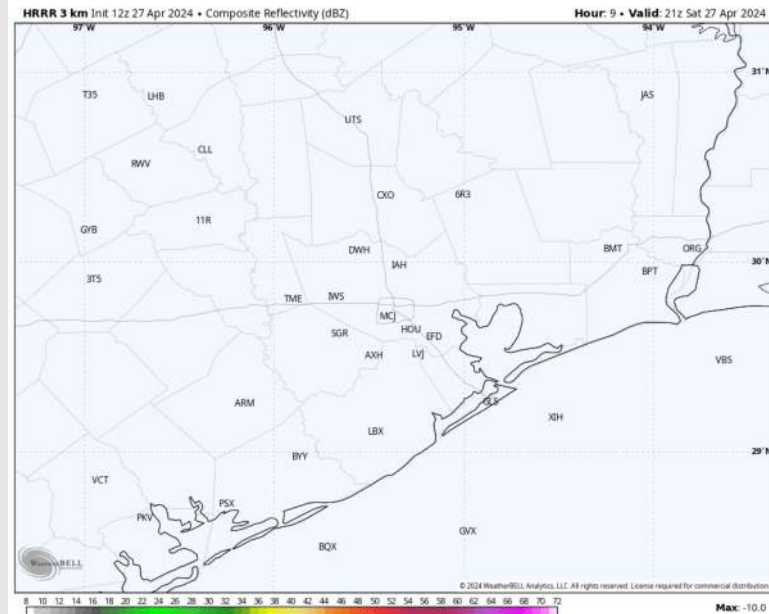
Precip: Dry conditions favored the rest of the PM hours today

Wind: Winds will be out of the SE throughout the day. **N of Morgan's Point:** Winds at 15-20 kts throughout the remainder of the day. **S of Morgan's Point:** Winds will be at 22-27 kts throughout the PM hours. **Wind gusts of 33-38 kts in play for all Stations.**

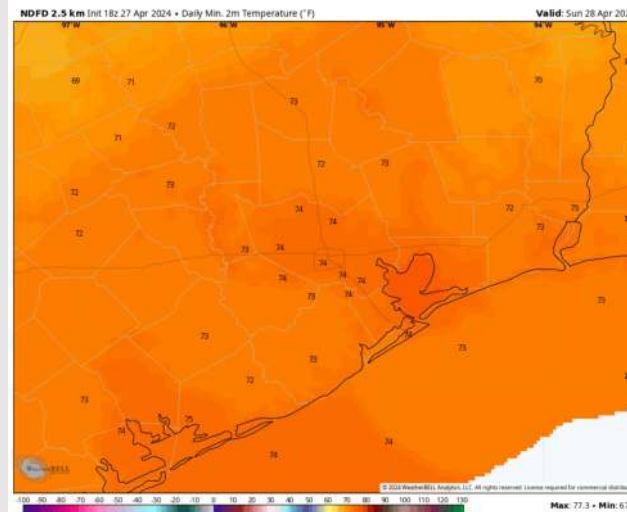
Low Temps: **N of Morgan's Point:** Mid 70s F **S of Morgan's Point:** Mid 70s F.

Visibility: Not anticipating any fog concerns for today due to high winds.

Precip Image: 4 PM CT



Wind Speed:
5 PM CT



Low Temps
SUN AM

Houston Pilots: Sun. 4/28/2024

Forecast Discussion

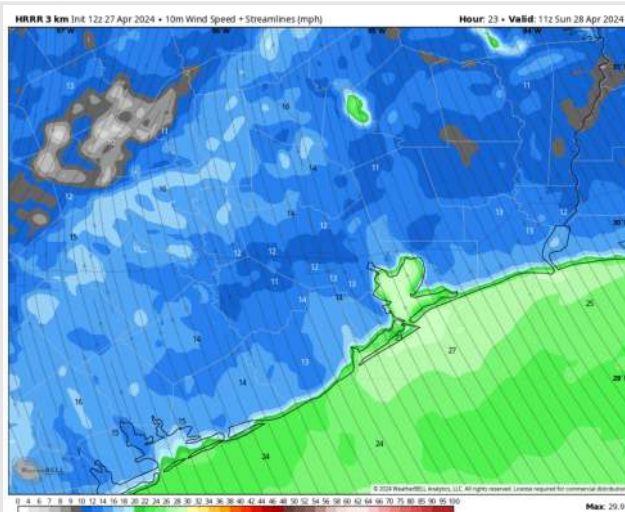
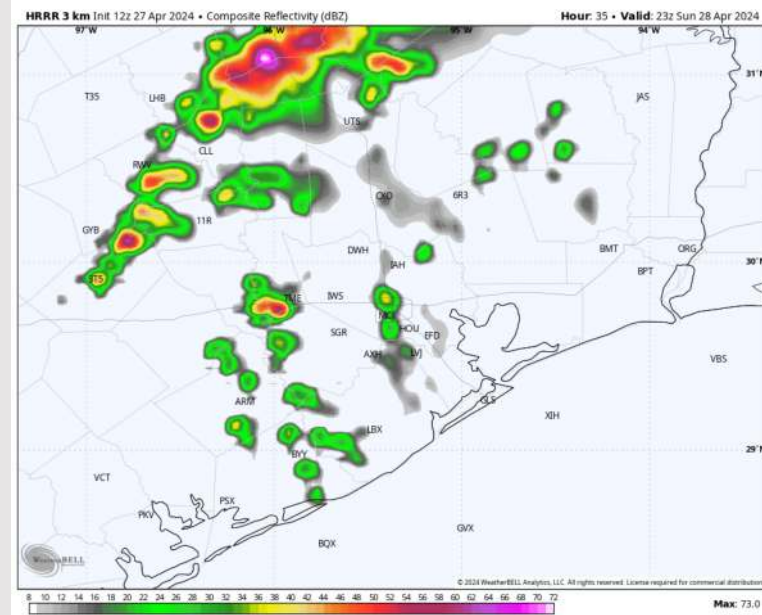
Precip: A wave of scattered showers and storms will begin to work across the area around 12 PM SUN and continue the rest of the PM hours. **Main risks with storms are favored to be lightning and hail, with some localized gusts reaching 35-40 kts.**

Wind: Winds out of SE throughout the day on SUN. **N of Morgan's Point:** Winds at 12-17 kts throughout the day. **S of Morgan's Point:** Winds at 22-27 kts through 9 AM CT SUN. Winds then decrease to 15-20 kts and remain there the rest of the day. **Wind gusts of 30-35 kts possible for all Stations throughout the day outside of a brief window from 9 AM to 2 PM.**

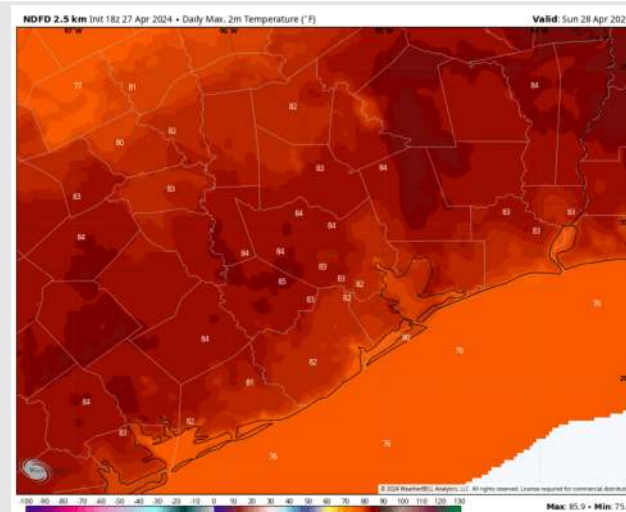
High Temps: **N of Morgan's Point:** Low 80s F **S of Morgan's Point:** Upper 70s- Near 80 F.

Visibility: Not anticipating any fog concerns for Sunday due to high winds. Visibilities can be reduced to less than 1 mile under the heaviest of downpours.

Precip Image: 6 PM CT



Wind Speed:
6 AM CT



High Temps
Sunday

Houston Pilots: Mon. 4/29/2024

Forecast Discussion

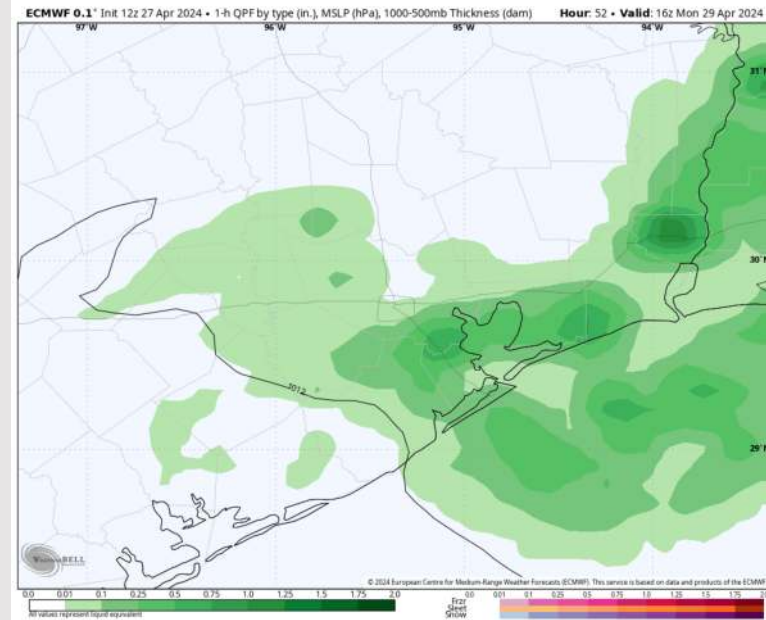
Precip: Scattered showers will be possible MON AM, with storms moving back through between 9 AM to 3 PM. Risks with storms will be lightning, hail and 30-35 kts.

Wind: Favoring wind to continue out of the S/SE through 12 PM, becoming variable after that time. Winds settle out of the SE again by 6 PM. **N of Morgan's Point:** Winds at 8-13 kts through 12 PM, decreasing to 4-9 kts after that time. **S of Morgan's Point:** Winds at 18-23 kts quickly decrease to 10-15 kts by 8 AM. **Non storm wind gusts of 30-35 kts possible for Stations S of Morgan's Point through 5 AM.**

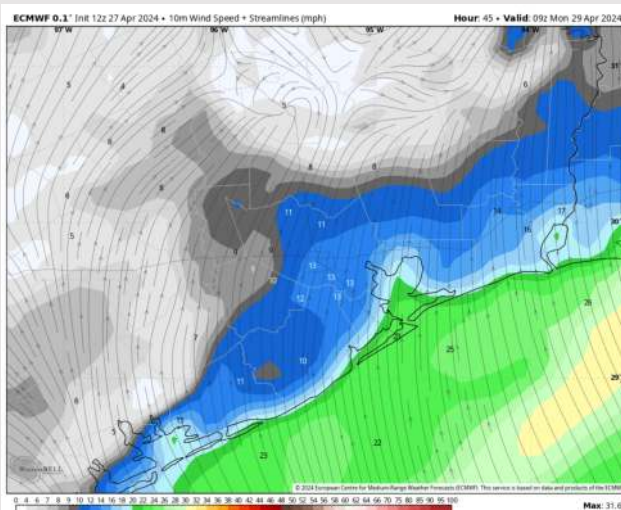
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Upper 70s-Near 80 F.

Visibility: Not anticipating any fog concerns for Monday once again due to high winds. Visibilities can be reduced to less than 1 mile under the heaviest of downpours.

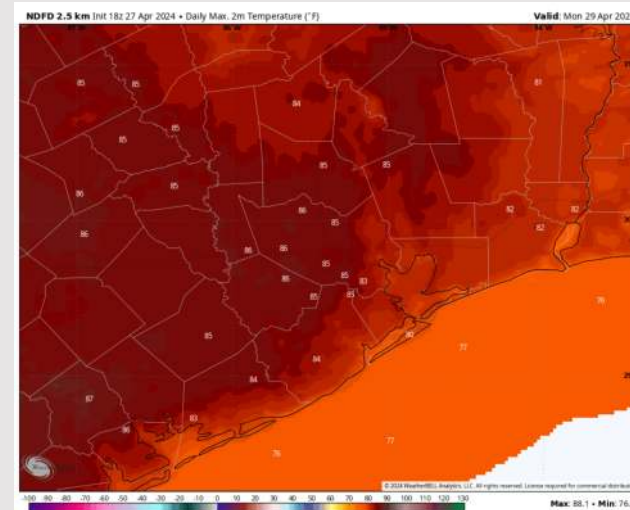
Precip Image: 11 AM CT



Wind Speed
4 AM CT

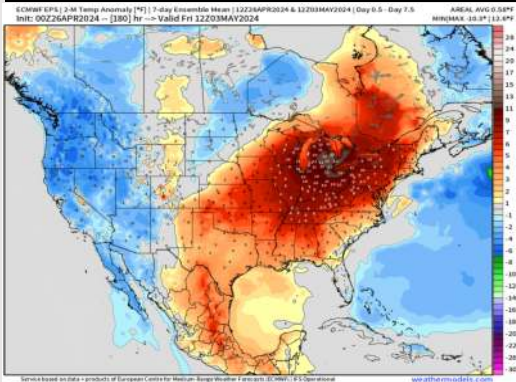


High Temps
Monday

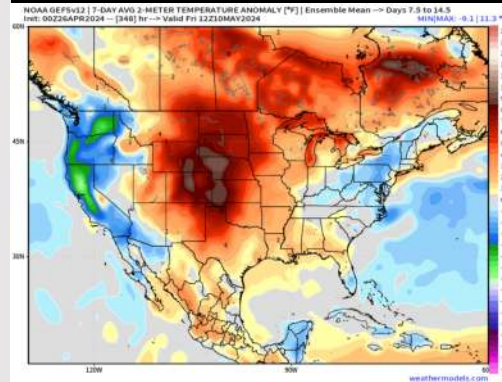


Houston Pilots: 4/27/24

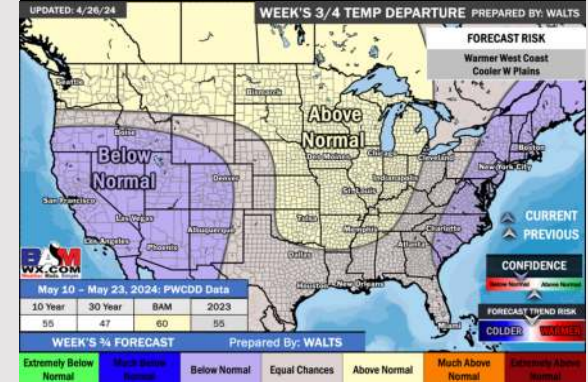
Next 7 Day Temperature Departure



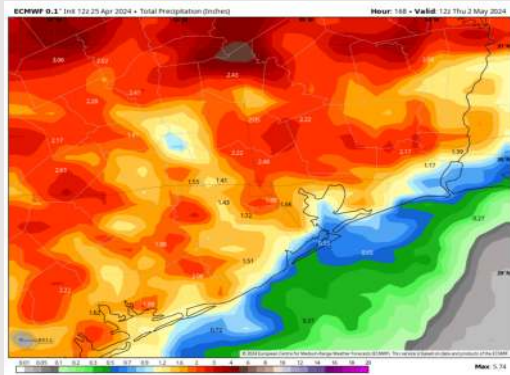
8-14 Day Temperature Departure



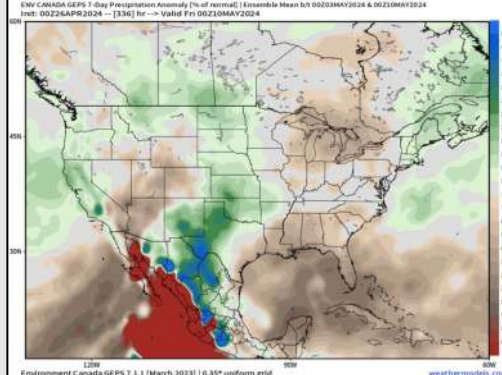
15-30 Day Temperature Departure



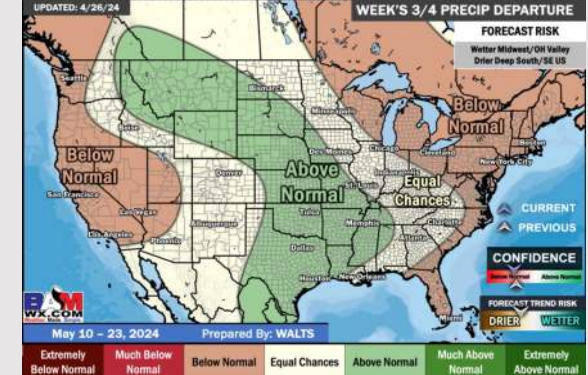
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Rain opportunities will continue across the area over the next couple of days. Temps are expected to be above normal for the week 1 timeframe.
- Slightly below normal precipitation chances are at play during the week 2 timeframe. Temps are expected to be slightly above normal.
- Above normal chances for precipitation are favored in the weeks 3/4 timeframe. Temperatures expected to be near normal for the weeks 3 and 4 timeframe.