

Houston Pilots Forecast Package

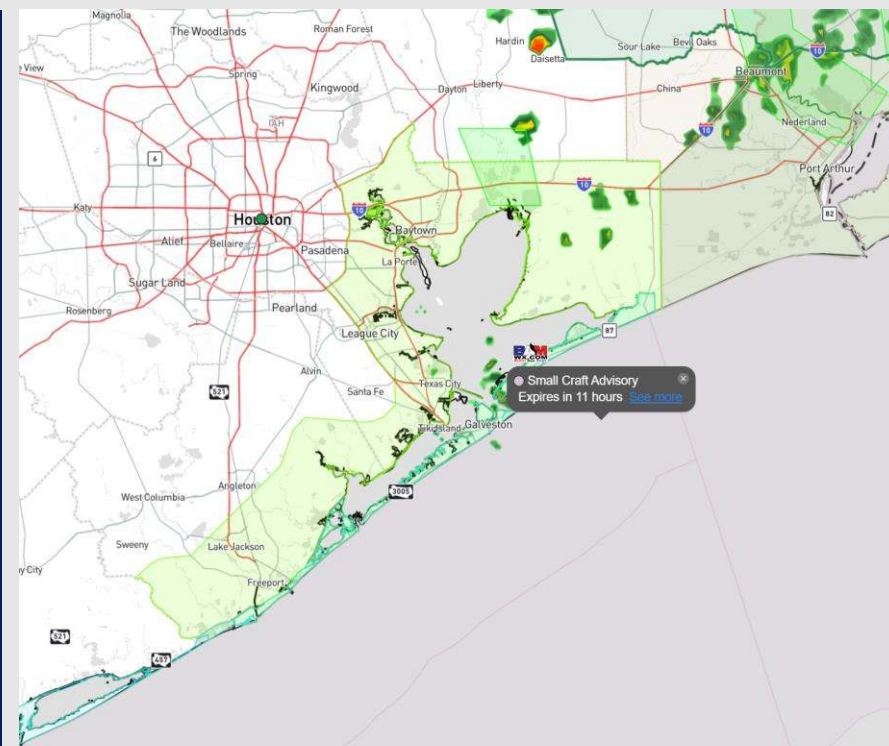


Updated: 12:35 PM CT
Sunday, April 28, 2024

Forecaster: Xander Lowry

Weather Headlines

- Anticipating multiple periods of showers and storms to be in play throughout the next few days. **(Greater strong to locally severe risk SUN PM into MON AM)**
- Not anticipating any fog concerns the next few days.
- Elevated winds are expected to continue through MON AM.
- **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: 12:35 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	10 AM CT MON

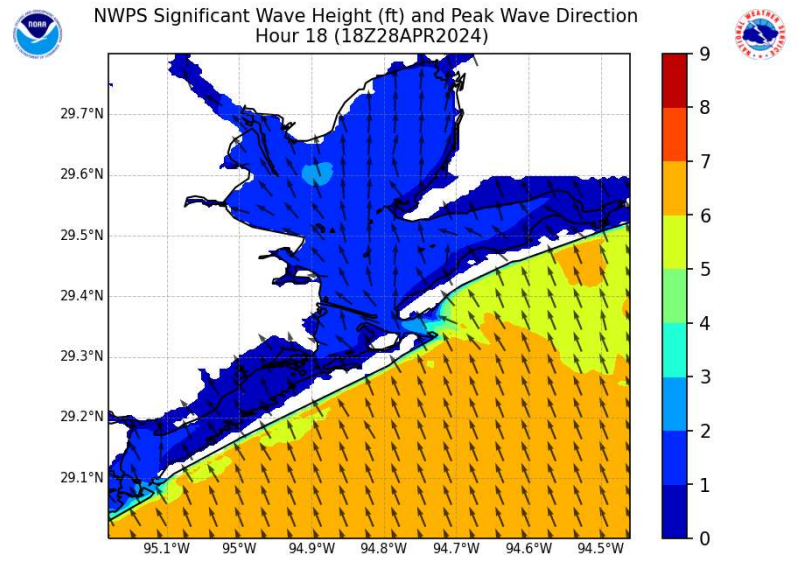
Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	No
Whiskey	72 hours prior to predicted sustained winds of 34+ KTS	No
X-Ray	48 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	Yes
Yankee	24 hours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

While heights will decrease from 7-8 ft mark this afternoon, they will continue at/around 6 ft throughout SUN and into MON morning, with 10 AM CT MON being when heights are expected to drop below 6 ft for good.

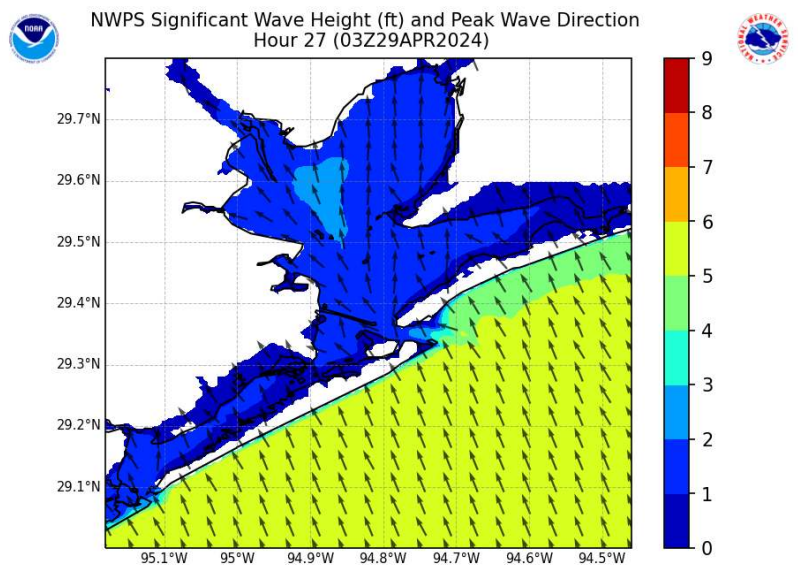
Houston Pilots Wave Height Update

Significant Wave Height Image



CURRENT

Expecting elevated wave height to begin to decrease but wave heights of 6-7 ft will continue towards Stations 11/12 and the Boarding Station this afternoon.



10 PM CT SUN

Wave heights will gradually decrease in the afternoon, however stations 11/12 and the boarding station will still be at risk for waves at/near 6 ft into MON AM

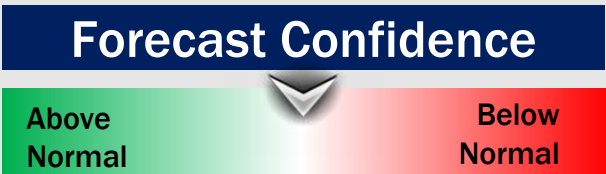
Seeing wave heights decrease below 6 ft for good ~10 AM CT MON and below 4 ft by MON evening.

Houston Pilots Extended Range Visibility Report



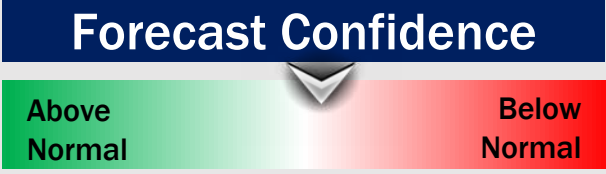
Wednesday 5/1/24

Fog not favored for TUE.



Thursday 5/2/24

Fog not favored for WED.



Friday 5/3/24

Fog not favored for THU.



Chance for Fog

Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm
610 Bridge	6	6	6	6	4	3	4	4	3	4	4	4	4	5	4	4	4	5	4	4	4	4	6	6
Kinder 1	6	6	6	6	4	4	4	4	3	4	4	5	4	5	5	5	5	5	4	4	5	5	6	6
Greens Bayou	6	9	7	6	5	4	4	4	4	5	5	6	4	5	5	5	5	5	4	4	6	6	6	9
Shell Crude	6	9	7	6	5	4	4	4	4	5	5	6	4	6	5	5	5	5	4	5	6	6	8	9
Lynchburg Ferries	7	9	9	6	5	4	4	4	4	5	5	6	6	5	5	5	5	5	4	4	6	6	6	9
Exxon 3	10	9	9	6	5	4	4	4	5	5	5	6	6	6	6	6	6	6	5	6	6	6	9	10
Morgans Point	10	9	9	7	5	4	4	4	5	6	6	6	6	6	6	6	6	6	5	6	6	6	9	10
75/76	9	6	6	6	5	3	3	4	5	5	5	6	6	6	1	0.7	6	7	8	6	5	6	8	8
63/64	7	6	6	6	5	3	3	4	5	5	5	6	6	6	1	0.7	4	6	7	6	7	7	8	9
51/52	6	6	6	5	5	3	3	4	4	5	5	6	6	5	0.2	0.2	1	2	5	5	6	7	8	9
37/38	6	6	6	5	4	3	3	4	4	5	5	6	6	5	0.2	0.2	0.5	1	2	4	5	6	8	9
25/26	6	6	6	5	4	3	3	4	4	5	5	6	6	6	0.2	0.2	0.2	0.5	1	2	4	5	8	9
11/12	6	6	6	5	4	3	3	4	4	5	5	6	6	5	0.2	0.2	0.2	0.2	0.7	1	1	2	7	7
1 & 2 Bravo	5	4	5	4	4	3	3	3	4	5	5	5	4	4	0.2	0.2	0.2	0.5	1	0.7	0.5	0.2	1	1

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



Forecast Confidence



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm
610 Bridge	13	14	14	14	15	14	15	14	13	14	13	13	11	11	9	8	8	8	8	7	5	5	5	5
Kinder 1	27	28	28	28	29	29	30	28	28	28	25	26	22	22	18	16	16	16	16	13	11	11	11	11
Greens Bayou	26	28	28	28	29	30	30	29	28	29	27	26	22	21	19	16	16	16	16	13	11	11	11	11
Shell Crude	25	28	27	28	29	30	30	30	28	30	28	25	23	22	19	17	16	17	16	13	12	11	10	11
Lynchburg Ferries	26	28	28	29	30	30	30	30	30	30	28	26	25	21	19	16	16	16	16	13	11	11	11	12
Exxon 3	25	28	28	29	30	30	31	31	30	31	28	27	25	23	21	19	18	18	18	15	13	12	12	11
Morgans Point	25	28	28	30	31	31	32	32	31	30	28	28	25	24	20	19	18	18	18	16	13	13	12	12
75/76	26	28	30	32	34	33	32	32	32	31	30	30	28	28	26	24	23	21	19	17	15	13	13	13
63/64	26	28	30	31	32	32	31	32	32	30	30	30	28	27	25	22	22	21	19	17	15	13	14	13
51/52	24	28	28	30	30	31	30	31	30	30	30	29	27	26	24	23	21	20	19	15	14	14	14	14
37/38	24	27	28	30	30	31	30	31	30	30	29	29	26	25	24	23	22	21	20	18	16	15	15	15
25/26	24	26	28	28	31	31	29	31	29	30	29	28	26	24	23	22	21	21	21	19	17	16	15	15
11/12	23	24	25	28	29	31	28	30	28	30	28	28	25	23	21	21	21	21	19	17	15	15	14	14
1 & 2 Bravo	23	25	27	29	30	32	30	30	30	30	29	27	25	24	24	24	24	24	23	21	20	17	16	15

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Houston Pilots: Sun. 4/28/2024



Forecast Discussion

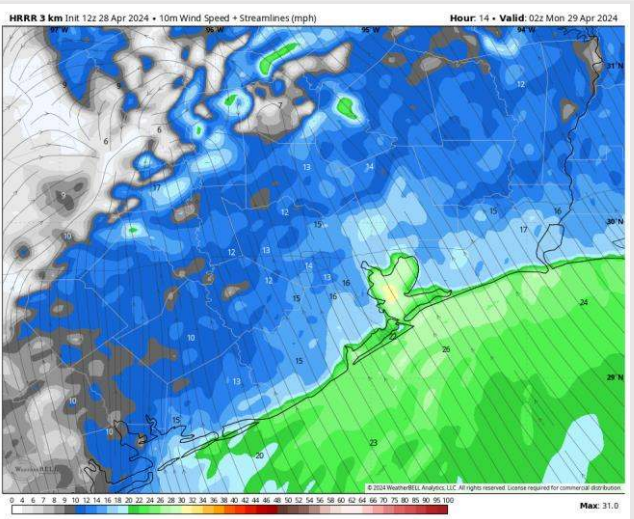
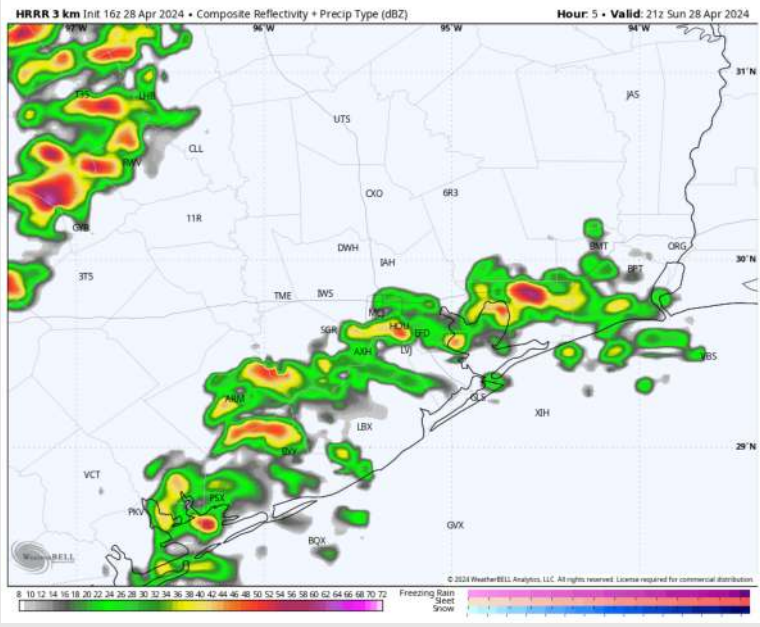
Precip: Favoring the potential for scattered thunderstorms to begin at 4PM and continuing throughout the evening. **Main risks with storms are favored to be lightning and hail, with some localized gusts reaching 35-40 kts (especially after 9 PM).**

Wind: Winds out of SE throughout today. **N of Morgan's Point:** Winds at 12-17 kts throughout the day. **S of Morgan's Point:** Winds at 15-20 kts through 9 PM before increasing again to 22-27 kts. **Wind gusts of 35-40 kts possible for all Stations throughout the remainder of the day.**

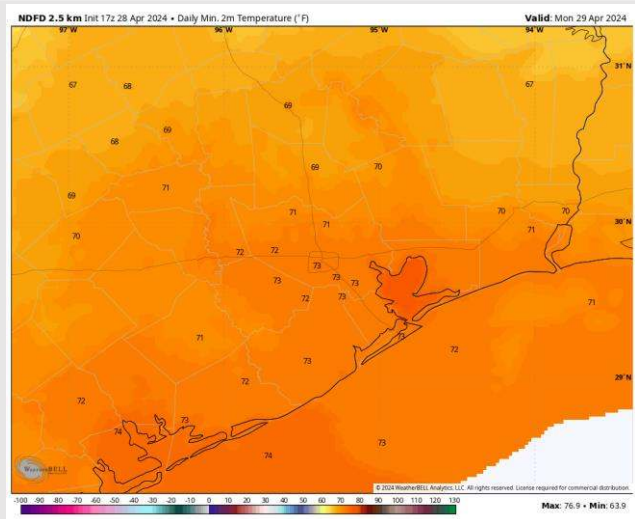
Low Temps: **N of Morgan's Point:** Low 70s F **S of Morgan's Point:** Low 70's F.

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: 4 PM CT



**Wind Speed:
9 PM CT**



**Low Temps
Monday**

Houston Pilots: Mon. 4/29/2024



Forecast Discussion

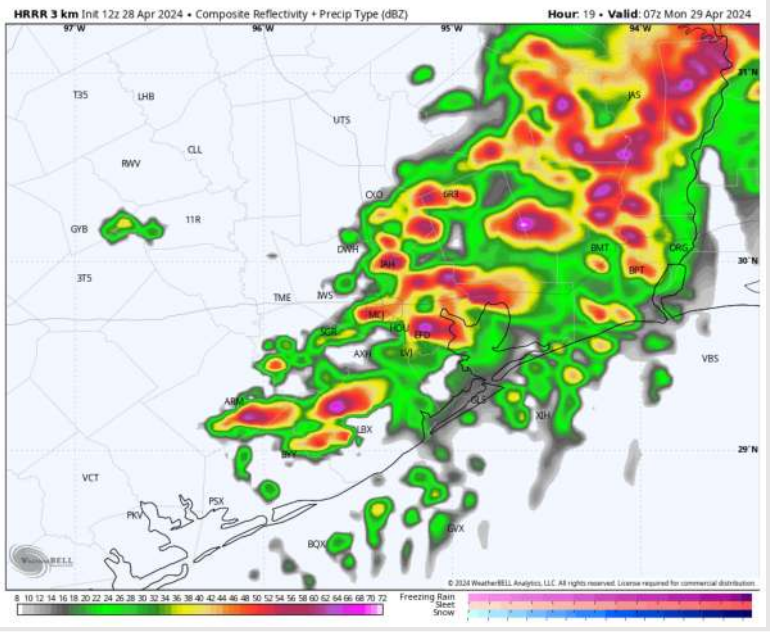
Precip: Scattered showers/storms to continue pushing through the area through 10 AM CT MON before becoming more hit/miss the rest of the day. Risks with storms will be lightning, hail and 30-35 kts through 10 AM CT.

Wind: Favoring wind to continue out of the S/SE through 7 AM, becoming variable after that time. Winds settle out of the SE again by 5 PM. **N of Morgan's Point:** Winds at 8-13 kts through 3 AM, decreasing to 4-9 kts after that time. **S of Morgan's Point:** Winds at 18-23 kts quickly decrease to 7-12 kts by 10 AM. **Non storm wind gusts of 30-35 kts possible for Stations S of Morgan's Point through 7 AM.**

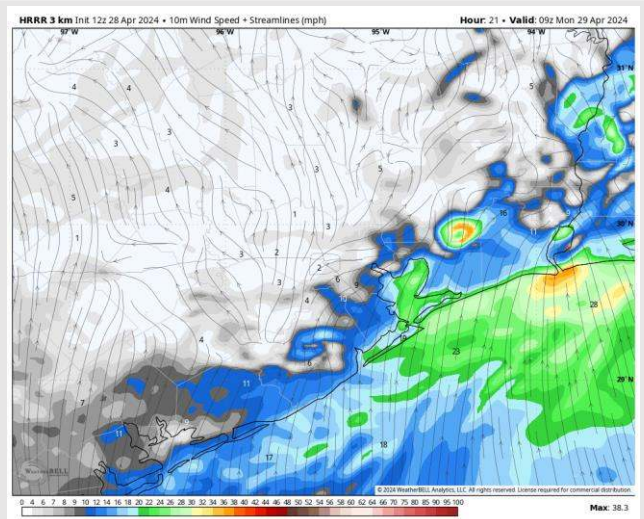
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Upper 70s-Near 80 F.

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.

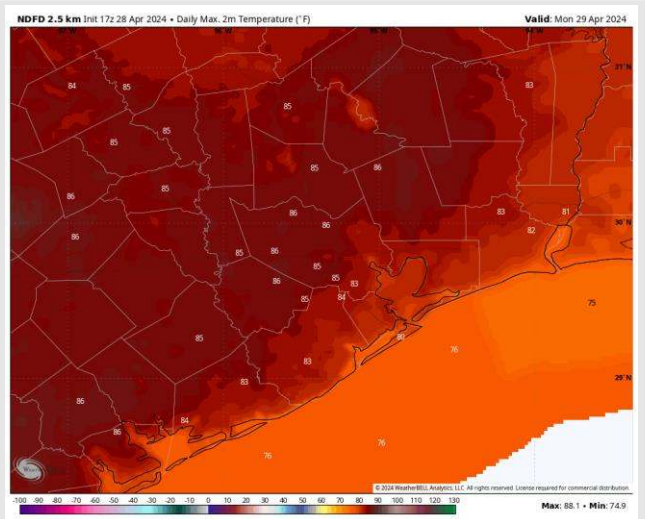
Precip Image: 2 AM CT



Wind Speed
4 PM CT



High Temps
Monday



Houston Pilots: Tue. 4/30/2024



Forecast Discussion

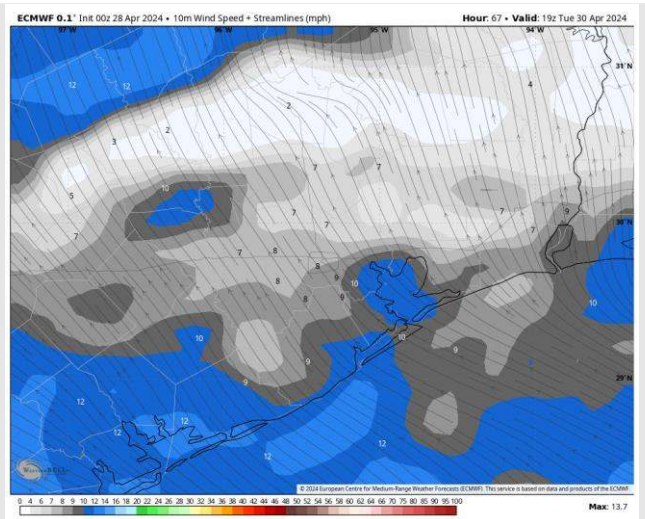
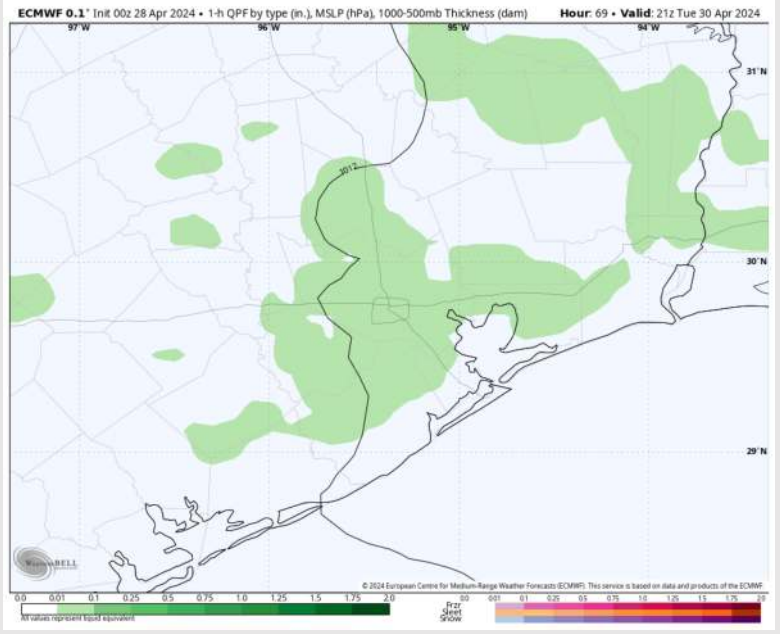
Precip: Scattered showers and a few storms possible from 11 AM -6 PM TUE with dry conditions favored outside of this timeframe.

Wind: Winds will be out of the SE throughout the day TUE. **N of Morgan's Point:** Winds at 4-9 kts throughout day. **S of Morgan's Point:** Winds will be at 10-15 kts throughout the entire day TUE.

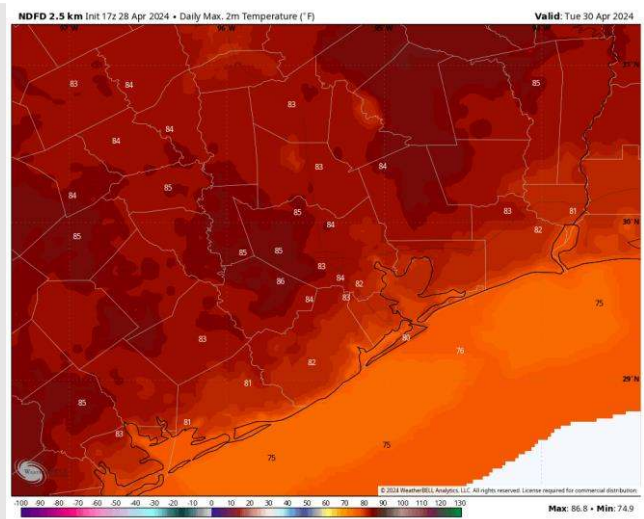
High Temps: **N of Morgan's Point:** Mid 80s F **S of Morgan's Point:** Upper 70s-Near 80 F.

Visibility: Not anticipating any fog concerns for TUE.

Precip Image: 4 PM CT

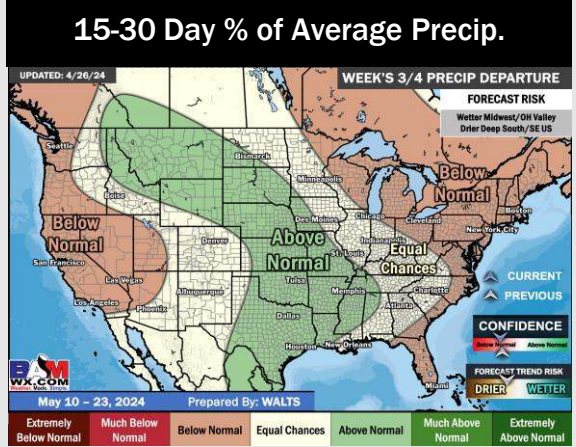
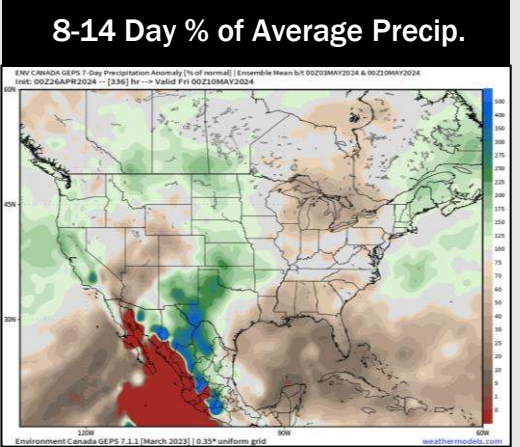
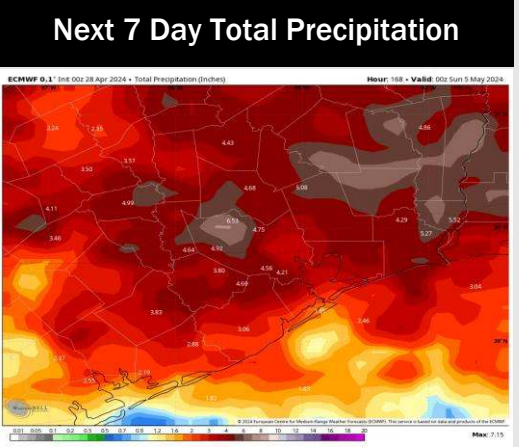
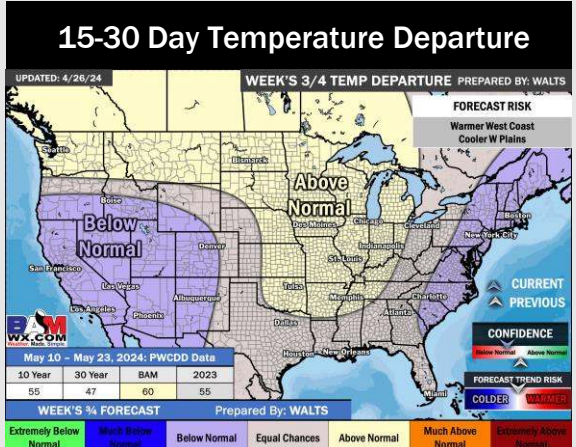
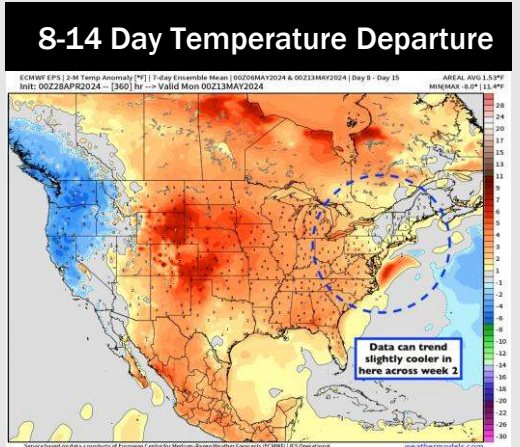
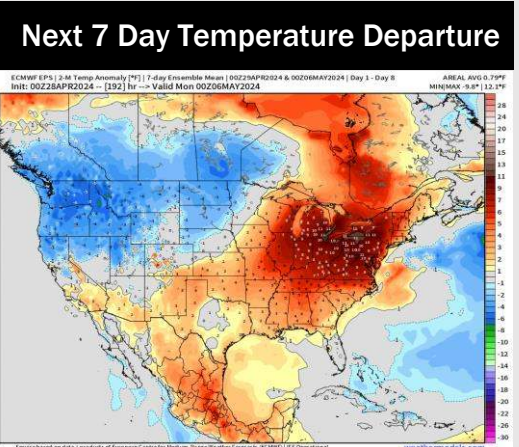


Wind Speed:
2 PM CT



High Temps
Tuesday

Houston Pilots: 4/28/24



- Rain opportunities will continue across the area to start the week. 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, however risk would be to trend to be more seasonal. 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.