

Houston Pilots Forecast Package



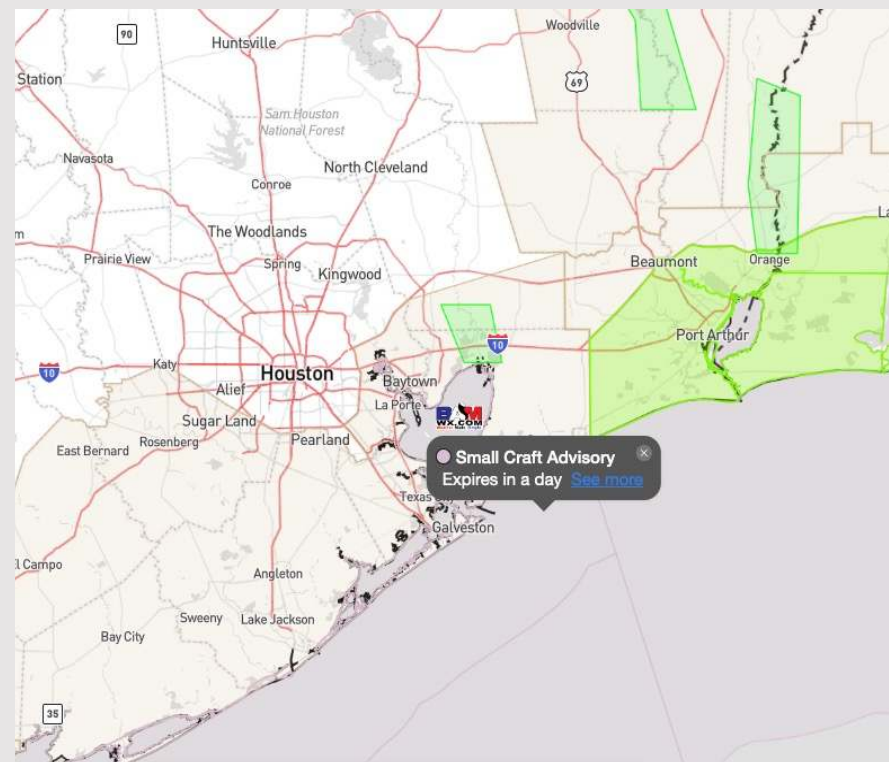
Updated: 10:45 PM CT

Saturday, April 27, 2024

Forecaster: Jonathan Kipper

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: 10:40 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

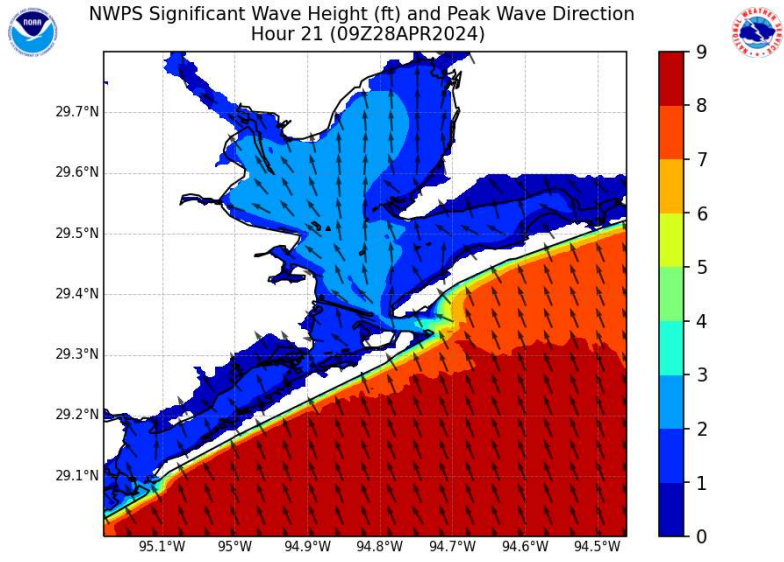
Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	No
Whiskey	72 hours prior to predicted sustained winds of 34+ KTS	No
X-Ray	48 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	Yes
Yankee	24 hours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

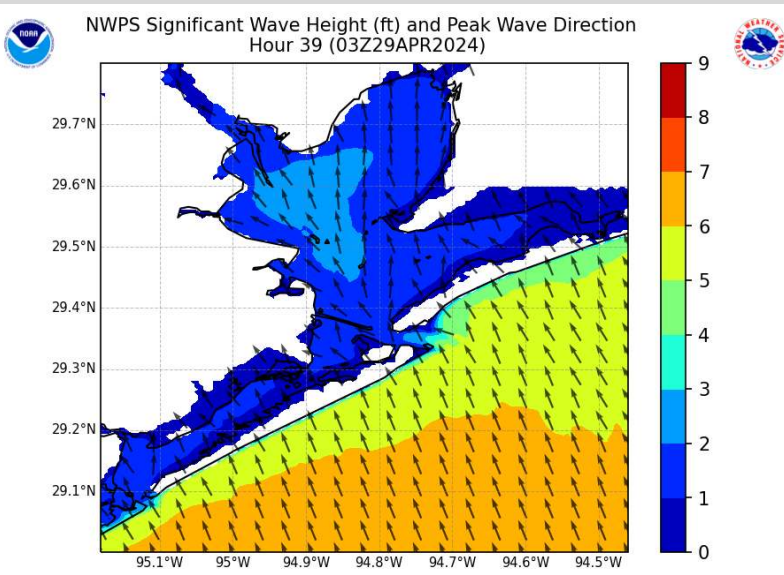
Significant Wave Height Image



4 AM CT SUN

Expecting elevated winds out of the SSE to further increase wave heights throughout today. Wave heights of 7-8 ft will continue towards Stations 11/12 and the Boarding Station this morning.

Wave heights will gradually decrease in the afternoon, however the outer most stations will still be at risk for waves at/ near 6 ft into MON AM



10 PM CT SUN

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



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)



Forecast Confidence

Above Normal

Below Normal

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

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

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Houston Pilots: Sun. 4/28/2024

Forecast Discussion

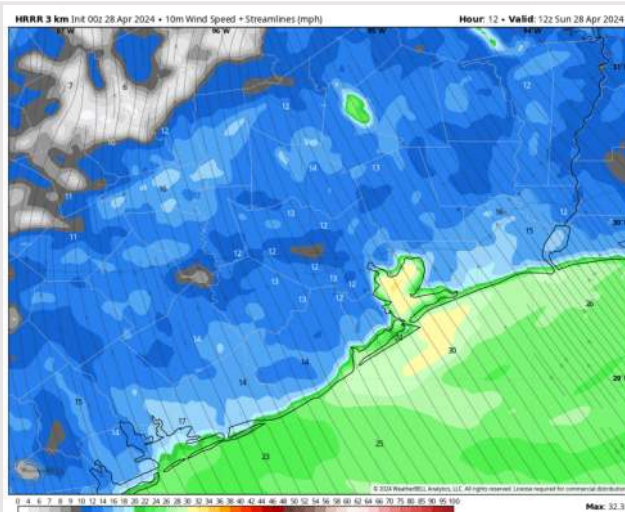
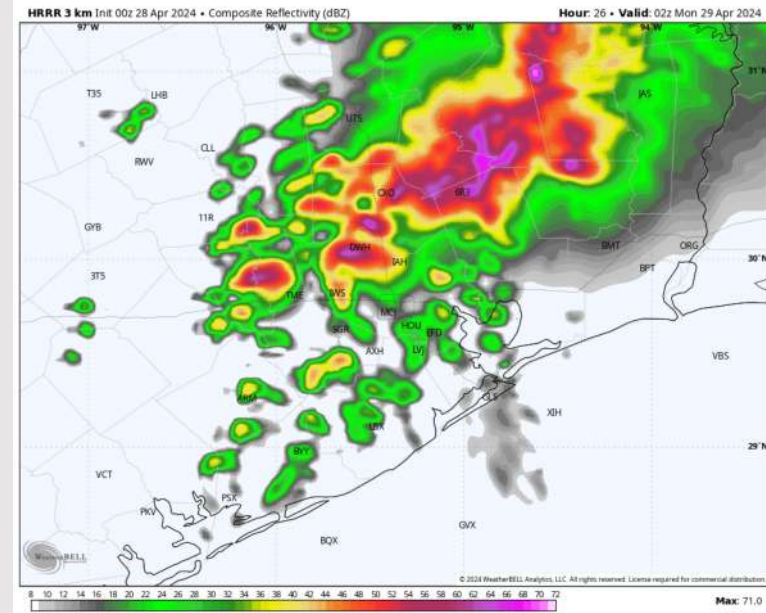
Precip: A wave of scattered showers and storms will begin to work across the area around 12 PM and continue the rest of the PM hours. **Main risks with storms are favored to be lightning and hail, with some localized gusts reaching 35-40 kts (especially after 9 PM).**

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 22-27kts through 9 AM CT SUN. Winds then decrease to 15-20 kts through 9 PM before increasing again to 22-27 kts. **Wind gusts of 33-38 kts possible for all Stations throughout the day outside of a brief window from 11 AM to 4 PM.**

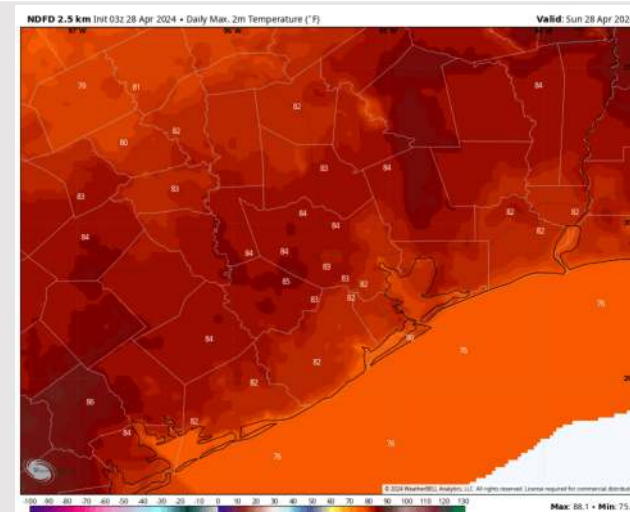
High Temps: **N of Morgan's Point:** Low 80s F **S of Morgan's Point:** Upper 70s- Near 80 F.

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: 9 PM CT



Wind Speed:
7 AM CT



High Temps
Today

Houston Pilots: Mon. 4/29/2024

Forecast Discussion

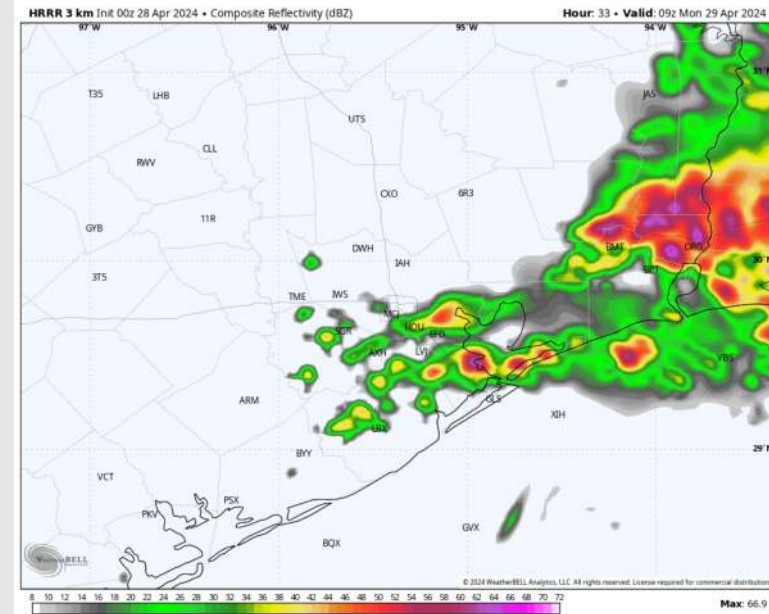
Precip: Scattered showers/storms to continue pushing through the area through 9 AM CT MON before becoming more hit/miss the rest of the day. Risks with storms will be lightning, hail and 30-35 kts through 9 AM CT.

Wind: Favoring wind to continue out of the S/SE through 10 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 6 AM, 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 7 AM.**

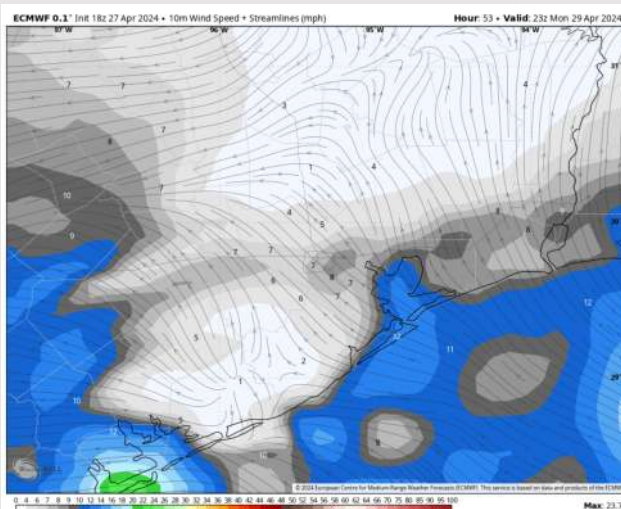
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Upper 70s-Near 80 F.

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.

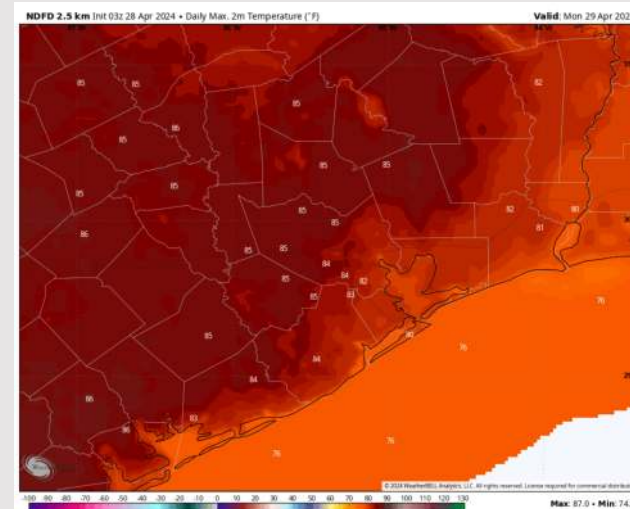
Precip Image: 4 AM CT



Wind Speed
6 PM CT



High Temps
Monday



Houston Pilots: Tue. 4/30/2024

Forecast Discussion

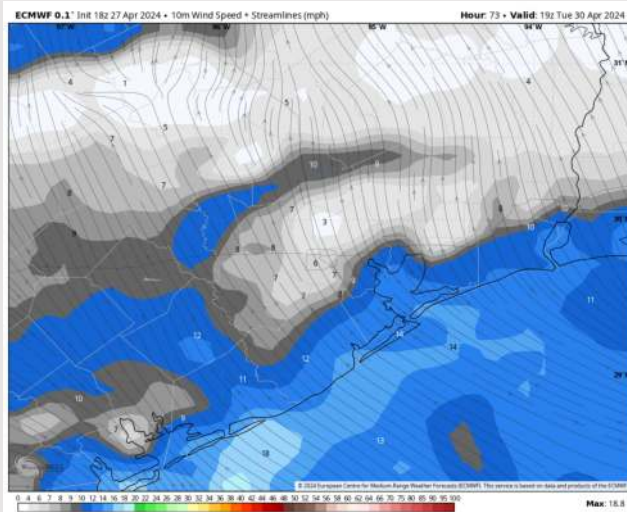
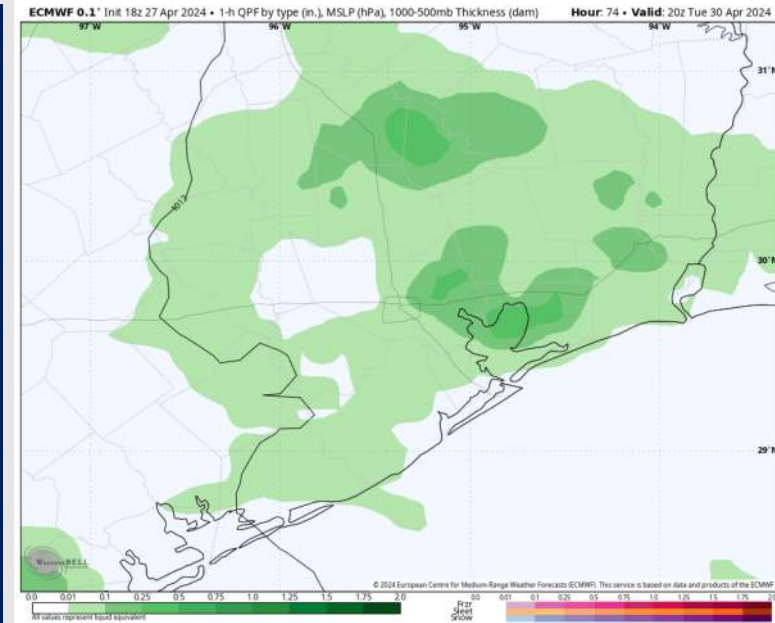
Precip: Scattered showers and a few storms possible from 12-6 PM TUE with dry conditions favored outside of this timeframe.

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.

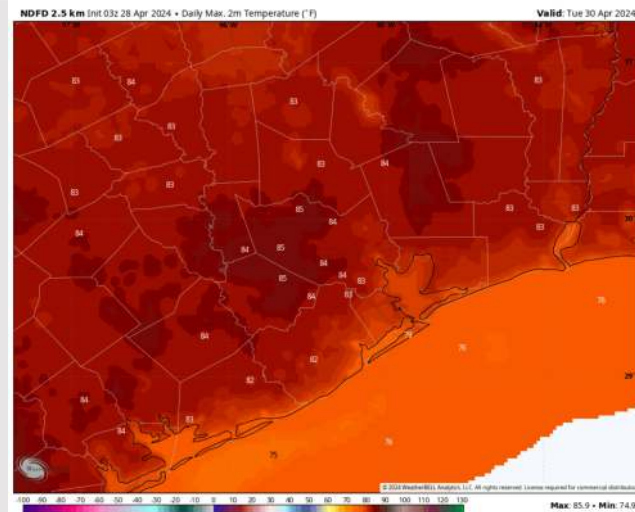
High Temps: **N of Morgan's Point:** Mid 80s F **S of Morgan's Point:** Upper 70s-Near 80 F.

Visibility: Not anticipating any fog concerns for TUE.

Precip Image: 3 PM CT



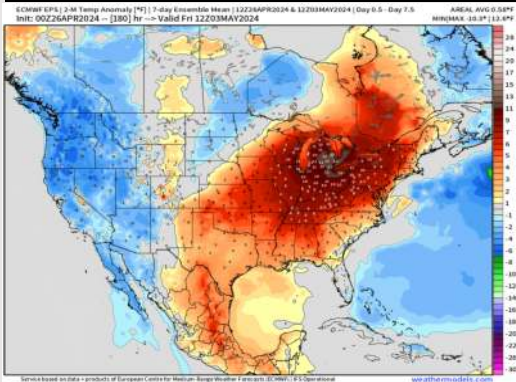
Wind Speed:
2 PM CT



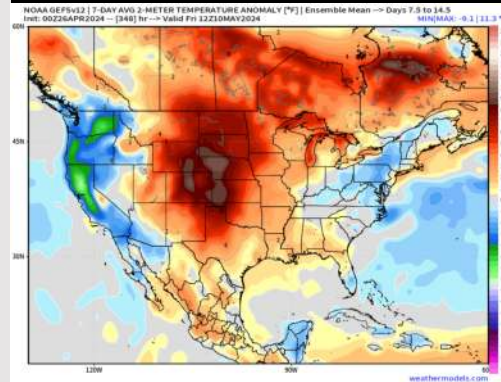
High Temps
Tuesday

Houston Pilots: 4/27/24

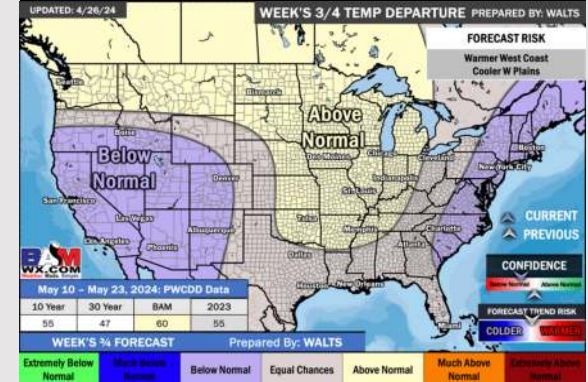
Next 7 Day Temperature Departure



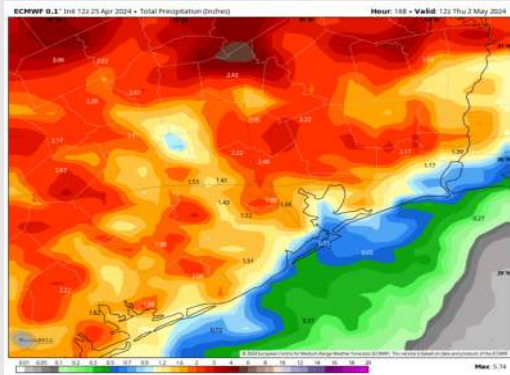
8-14 Day Temperature Departure



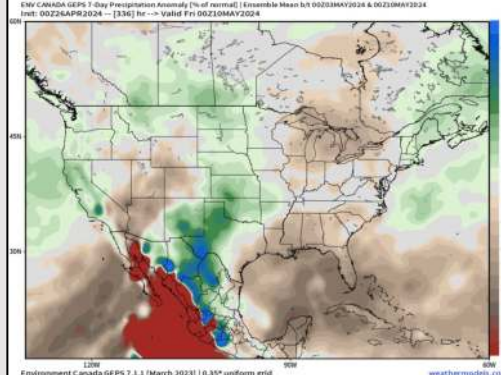
15-30 Day Temperature Departure



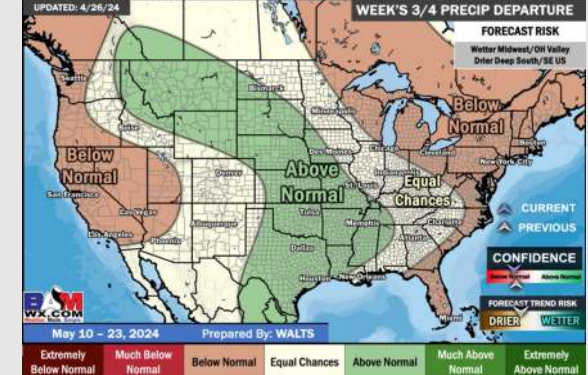
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Rain opportunities will continue across the area 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. 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.