

Houston Pilots Forecast Package



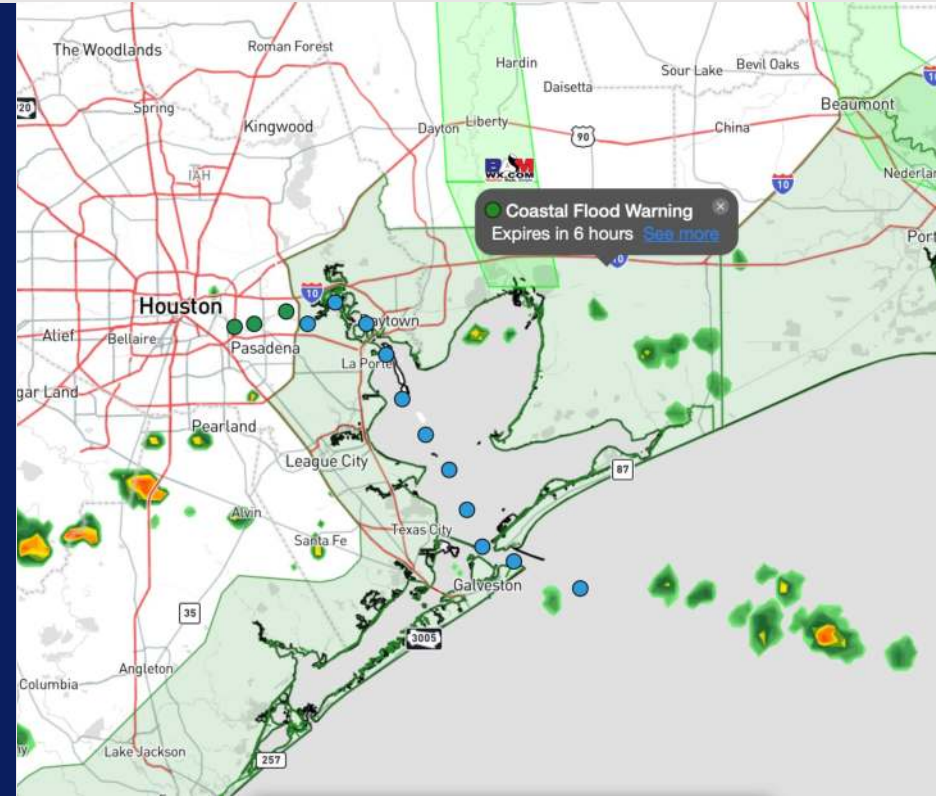
Updated: 12:30 PM CT

Thursday, June 20, 2024

Forecaster: Hope Kleitsch

Weather Headlines

- Zulu port conditions in effect. See slides below for timing and anticipated wave heights.
- Wave heights will continue to drop throughout the rest of the day, before dropping below 6 ft by early FRI AM.
- Scattered showers/storms expected to continue throughout the day and into FRI.
- Latest video update discussing wave and wind impacts to stations: [Click Here](#)



Current Radar: 12:30 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	N/A	N/A	N/A
Yankee	N/A	N/A	N/A
Zulu	NO	IN EFFECT	4 AM CT FRI

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	No
Yankee	24 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	No
Zulu	12 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	YES

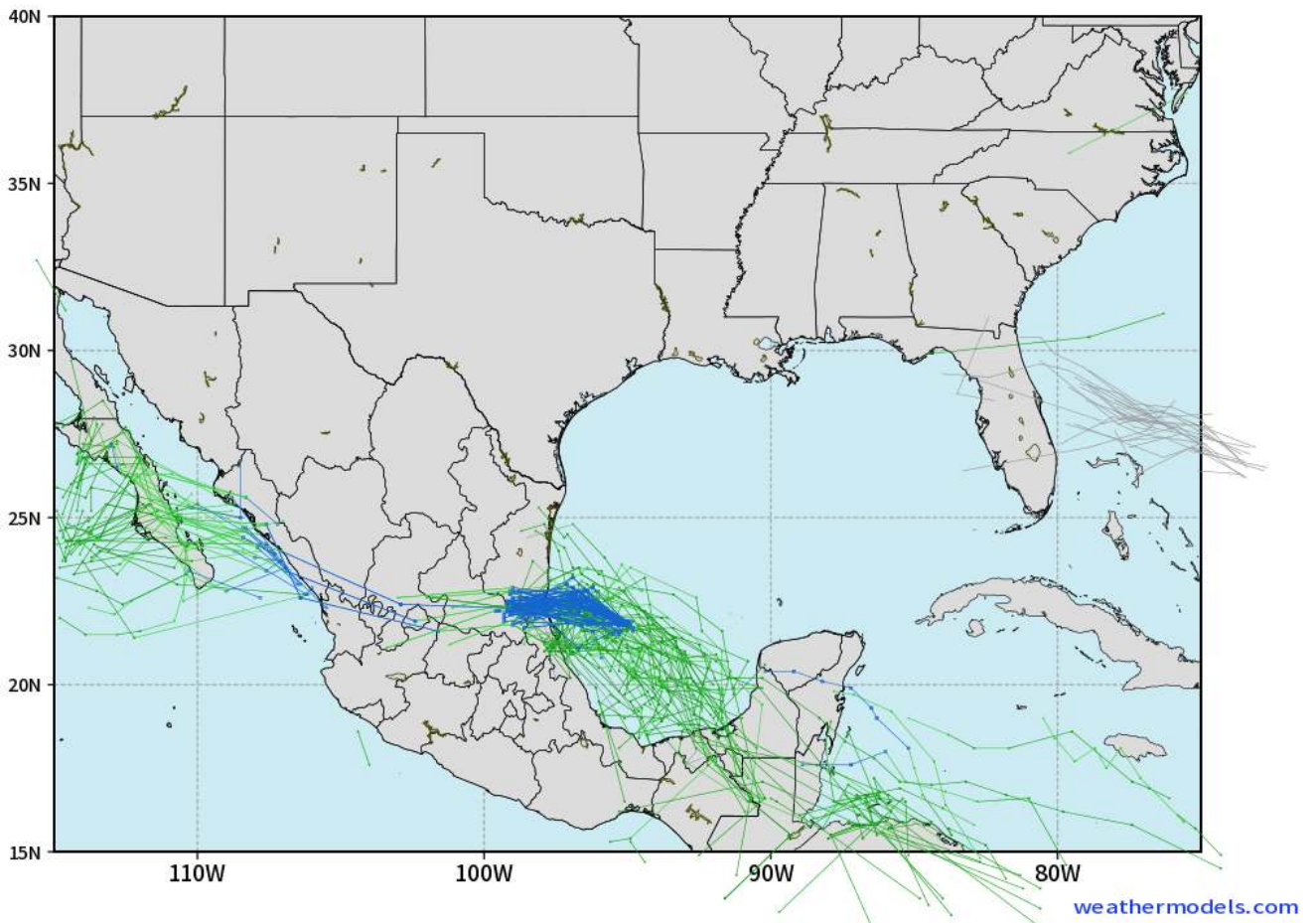
Wave heights ~6 ft towards Station 11/12 and the Boarding Station are anticipated to continue to gradually decrease throughout the day, remaining at 6+ ft until ~7 AM FRI. [More details on progression on wave height slide.](#)

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF GULF EPS Cyclone Locations --> Next [10-days]
INIT: 00Z20JUN2024 --> UNTIL 00Z30JUN2024

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



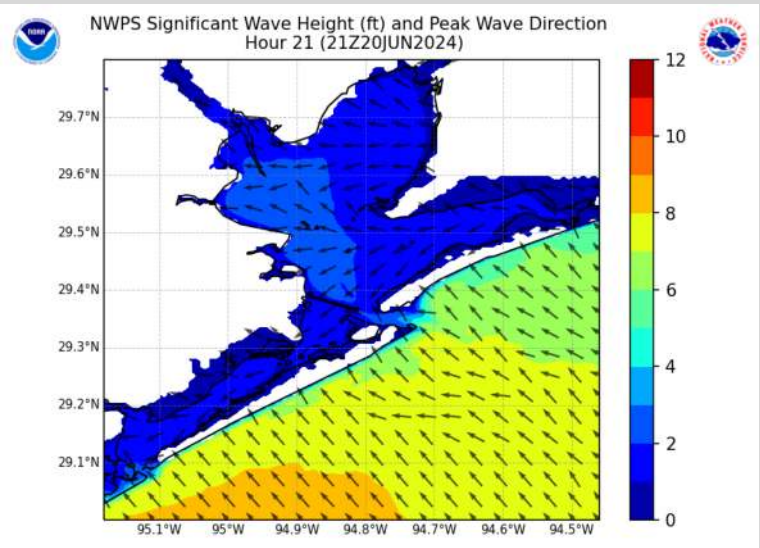
Tropical Storm Alberto has been downgraded to a Tropical Depression after its landfall in Mexico.

We are currently not anticipating any other tropical activity within the next 10 days.

Houston Pilots Wave Height Update

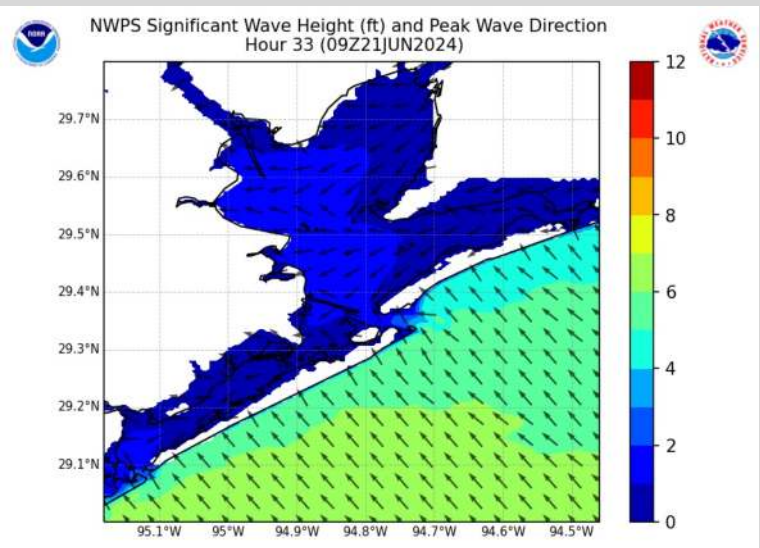


Significant Wave Height Image



4 PM CT THU

Wave heights of 6+ ft will continue throughout the rest of the day. Wave heights of 8 ft will be possible at the Boarding Station through 4 PM.



4 AM CT FRI

Wave heights very slowly will recede throughout evening and overnight. Heights are currently anticipated to drop below 6 ft threshold around 4 AM FRI.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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

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



Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

Example

WS: 13
G:18
N

Time Knots	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm
610 Bridge	12	12	12	12	12	11	11	9	9	8	7	6	5	5	5	5	5	5	6	7	7	7	8	8
	23	24	24	24	23	22	20	19	18	17	15	14	12	11	11	11	11	12	13	13	14	15	15	17
	E	E	E	ESE	ESE	ESE	ESE	E	E	E	E	E	E	ENE	ENE	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE	E
Kinder 1	12	12	12	12	12	11	10	9	9	8	7	6	5	5	5	5	5	5	6	7	7	7	8	8
	23	24	24	23	23	22	20	19	18	17	15	14	12	11	11	11	12	12	13	14	14	15	15	16
	E	E	E	ESE	ESE	ESE	ESE	E	E	E	E	E	E	ENE	ENE	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE	E
Greens Bayou	11	11	12	12	11	11	10	9	9	7	7	6	5	5	5	5	5	5	6	7	7	7	8	8
	23	23	23	23	22	21	20	19	18	16	15	13	12	11	11	11	11	12	13	13	14	15	15	16
	E	E	E	ESE	ESE	ESE	ESE	E	E	E	E	E	E	ENE	ENE	ENE	ENE	NE	NE	NE	ENE	ENE	ENE	E
Shell Crude	12	12	12	12	12	11	10	9	9	8	7	6	5	5	5	5	5	5	6	7	7	7	8	8
	23	23	23	23	22	21	20	19	18	17	15	14	12	11	11	11	12	12	13	14	14	15	15	16
	E	E	E	ESE	ESE	ESE	ESE	E	E	E	E	E	E	ENE	ENE	ENE	ENE	NE	NE	NE	ENE	ENE	ENE	E
Lynchburg Ferries	12	12	12	12	12	11	10	9	8	7	7	5	5	5	5	5	5	5	6	6	7	7	8	8
	23	22	23	23	22	21	20	19	17	16	14	13	11	10	10	11	11	12	13	13	14	15	15	16
	E	E	ESE	ESE	ESE	ESE	ESE	E	E	E	E	E	E	ENE	ENE	ENE	ENE	NE	NE	NE	ENE	ENE	ENE	E
Exxon 3	15	15	15	15	15	15	15	14	13	13	11	11	9	9	9	9	9	9	10	10	10	10	10	10
	23	23	23	23	23	22	21	21	19	19	17	15	14	14	14	14	14	14	15	15	15	15	15	17
	E	E	E	E	ESE	ESE	E	E	E	E	E	E	E	E	E	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E
Morgans Point	15	15	15	15	15	15	15	15	14	13	12	11	10	9	9	9	9	10	10	10	10	10	10	10
	23	24	24	23	23	22	22	21	20	19	17	16	15	15	14	14	15	15	15	15	15	15	16	17
	E	E	E	ESE	ESE	ESE	E	E	E	E	E	E	E	E	E	ENE	ENE	NE	NE	NE	ENE	ENE	ENE	E
75/76	17	17	17	17	17	17	17	16	16	15	14	13	12	11	11	11	11	11	12	11	11	11	11	11
	25	26	26	25	25	25	25	23	22	21	20	18	17	16	16	16	16	16	17	17	17	17	17	17
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63/64	17	17	18	17	17	17	17	17	17	15	15	13	13	12	12	11	12	12	12	12	12	12	12	11
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51/52	18	19	19	18	18	18	17	17	17	16	15	15	13	13	13	12	13	12	13	13	13	13	12	12
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37/38	18	19	19	18	18	18	18	17	17	16	15	15	13	13	13	13	13	12	12	13	13	13	13	12
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11/12	17	18	18	17	17	16	16	15	15	15	14	13	12	12	11	11	11	11	11	11	11	12	12	13
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1 & 2 Bravo	20	20	20	19	19	19	19	19	18	17	17	15	15	15	14	14	13	13	13	13	14	14	14	14
	29	29	29	28	28	28	26	26	25	24	23	22	21	20	20	19	19	19	19	19	20	20	20	20
	E	E	E	E	E	E	E	E	E	E	E	E	ESE	ESE	E	E	E	E	E	E	E	E	E	E

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Forecast Discussion

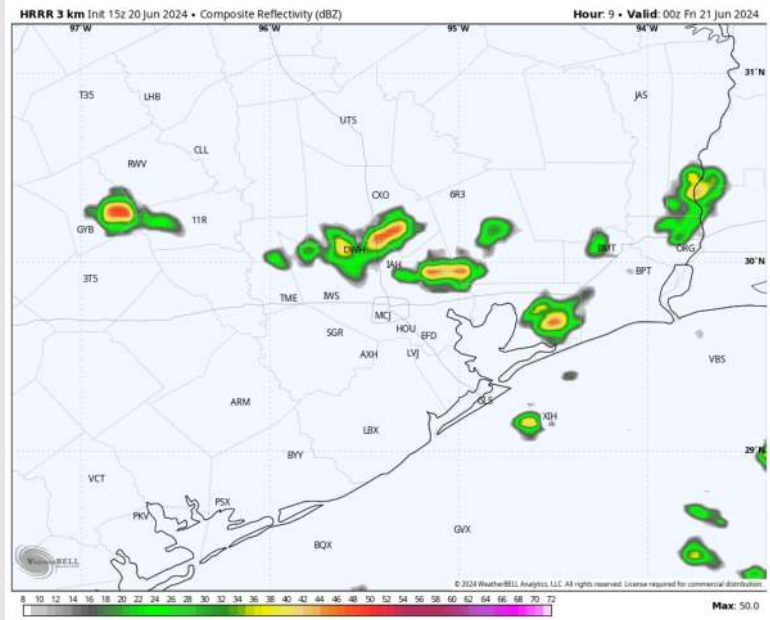
Precip: Scattered rain/storms to continue throughout the rest of the day (20%).

Wind: Winds will be out of the E/SE throughout the day THU. **N of Morgan's Point:** Winds will be at 9-12 kts before decreasing to 3-7 kts by 9 PM and staying there for the rest of the night. **S of Morgan's Point:** Winds at 16-23 kts before decreasing slightly to 13-17 kts by 11 PM. **Non-thunderstorm wind gusts of 25-30 kts will be possible S of Morgan's Point throughout the day and N of Morgan's Point until 6 PM.**

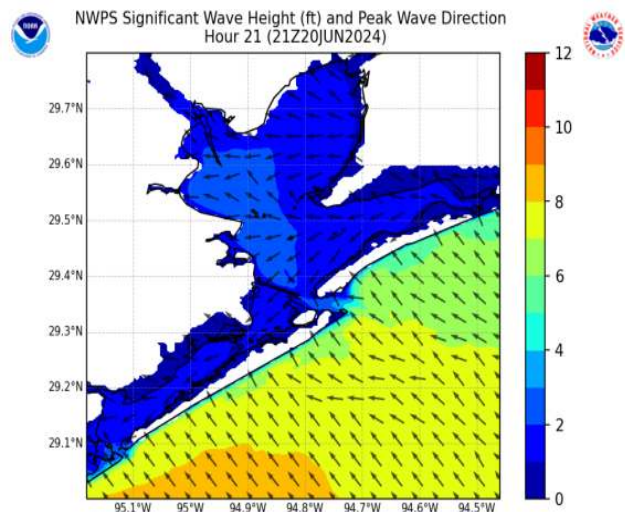
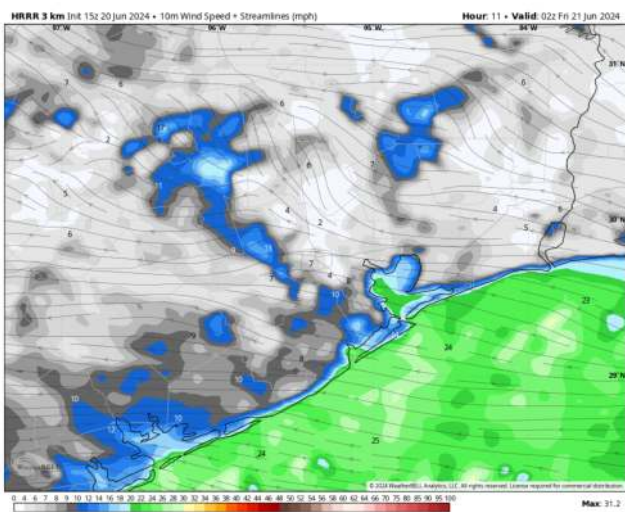
Wave Heights: Wave heights will gradually decrease throughout the rest of THU and are expected to be below 6 ft by 4 AM FRI.

Visibility: Not anticipating any fog concerns for today, however reduced visibilities possible under heavier downpours.

Precip Image: 7 PM CT



Wind Speed:
9 PM CT



Max Wave Heights:
4 PM CT

Houston Pilots: Fri. 6/21/2024

Forecast Discussion

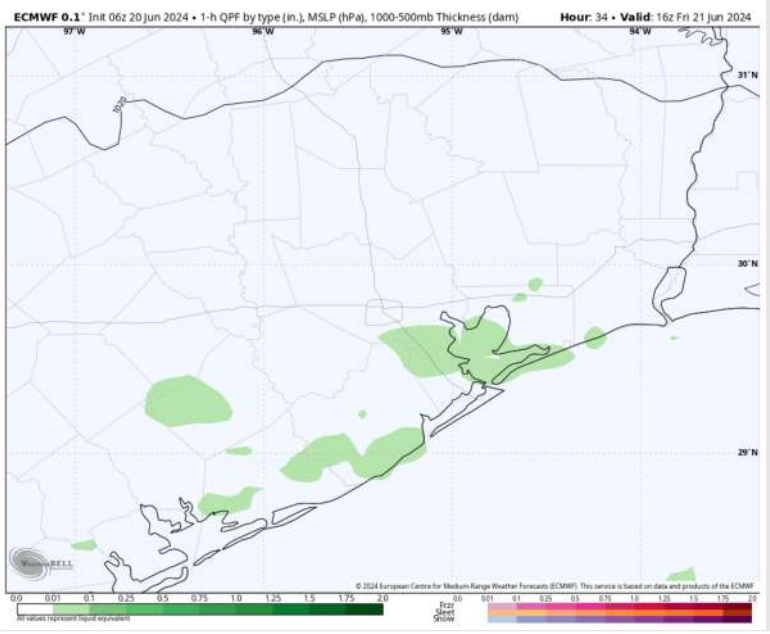
Precip: Scattered showers/thunderstorms (40%) will continue for all stations through 6PM before chances decrease to 10% for the remainder of the evening.

Wind: Winds will be out of the east through the day before shifting out of the SE by 4 PM. **N of Morgan's Point:** Winds at 6-10 kts throughout the day decreasing slightly to 4-7 kts by 8 PM. **S of Morgan's Point:** Winds at 11-18 kts through 3PM before slightly decreasing to 10-15 kts for the rest of the day. **Gusts up to 20-25 kts will be possible for all stations.**

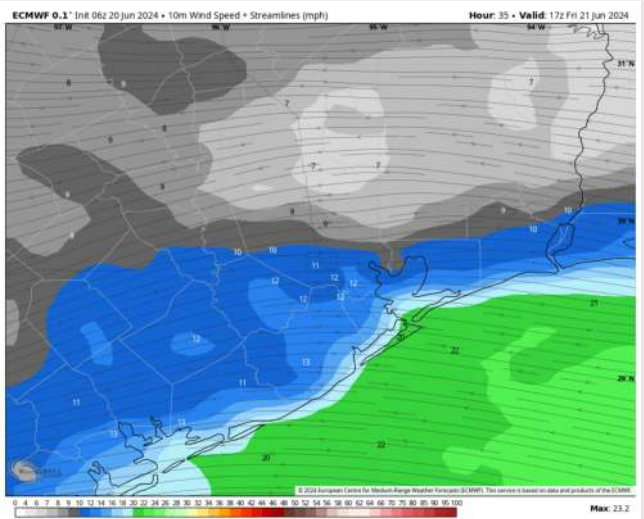
Wave Heights: Wave heights will continue to decrease throughout FRI, dropping to below 4 ft by 4 PM.

Visibility: Not anticipating any fog concerns for today, however reduced visibilities possible under heavier downpours.

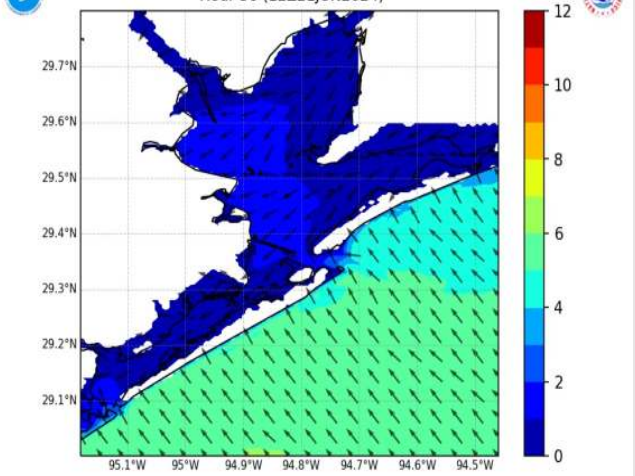
Precip Image: 11 AM CT



Wind Speed: 12 PM CT



NWPS Significant Wave Height (ft) and Peak Wave Direction Hour 36 (12Z21JUN2024)



Max Wave Heights: 7 AM CT

Houston Pilots: Sat. 6/22/2024



Forecast Discussion

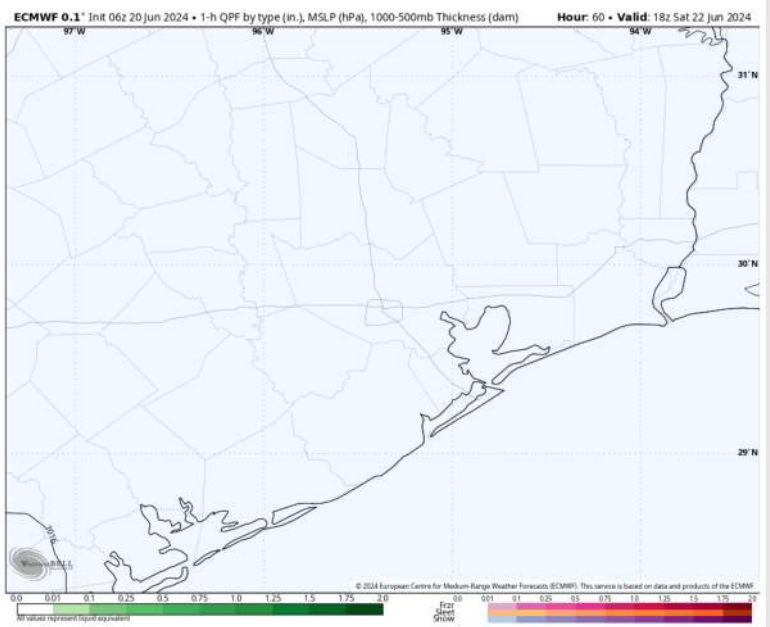
Precip: Favoring dry conditions throughout the day on Saturday.

Wind: Winds will be out of the E/SE throughout the day WED. **N of Morgan's Point:** Favoring winds at 7 – 12 kts throughout the day. **S of Morgan's Point:** Favoring winds at 10-16 kts throughout the day

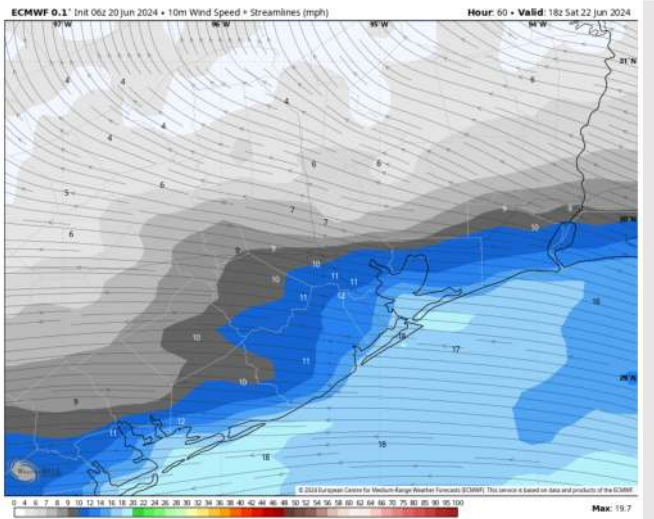
High Temps: **N of Morgan's Point:** Upper 80s F. **S of Morgan's Point:** Mid 80s F

Visibility: Not favoring any fog concerns for Saturday

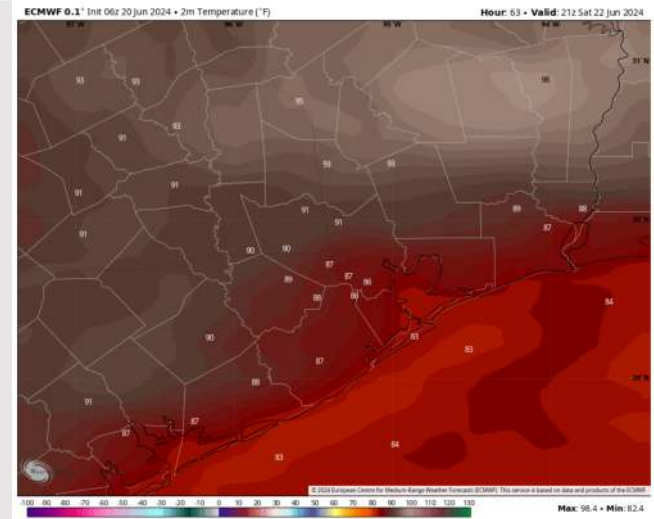
Precip Image: 1 PM CT



Wind Speed

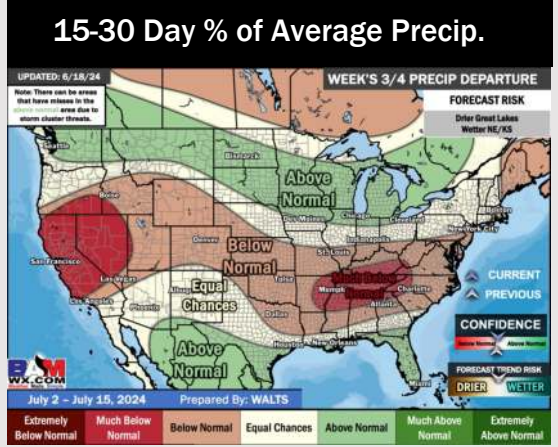
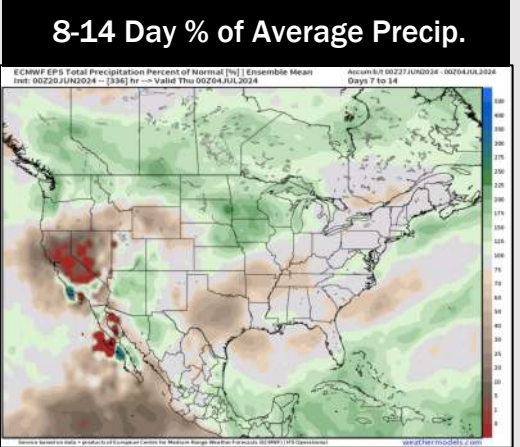
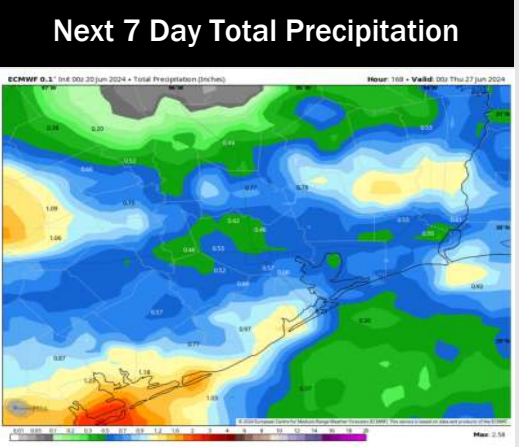
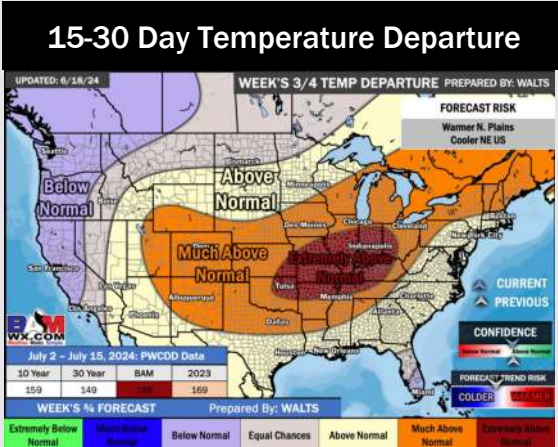
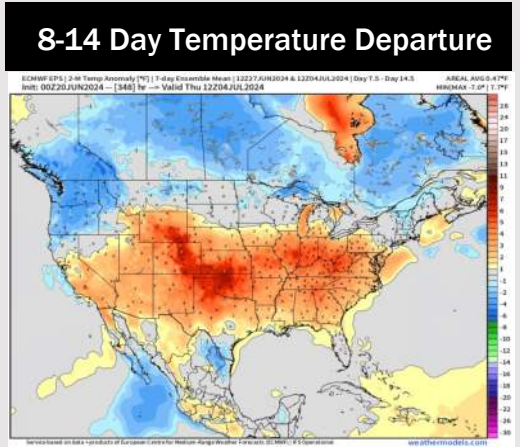
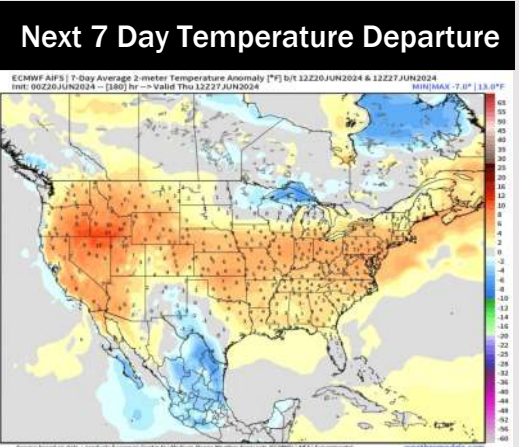


Wind Speed
1 PM CT



High Temps
Saturday

Houston Pilots: 6/20/24



- Temps are expected to be near normal for the week 1 timeframe. 0.5—1.00” of precipitation is expected throughout the next 7 days.
- Below normal precipitation chances are at play during the week 2 timeframe. Temps are expected to be slightly above normal for week 2.
- Above normal chances for precipitation and near normal temperatures are favored in the weeks 3/4 timeframe.