

Houston Pilots Forecast Package



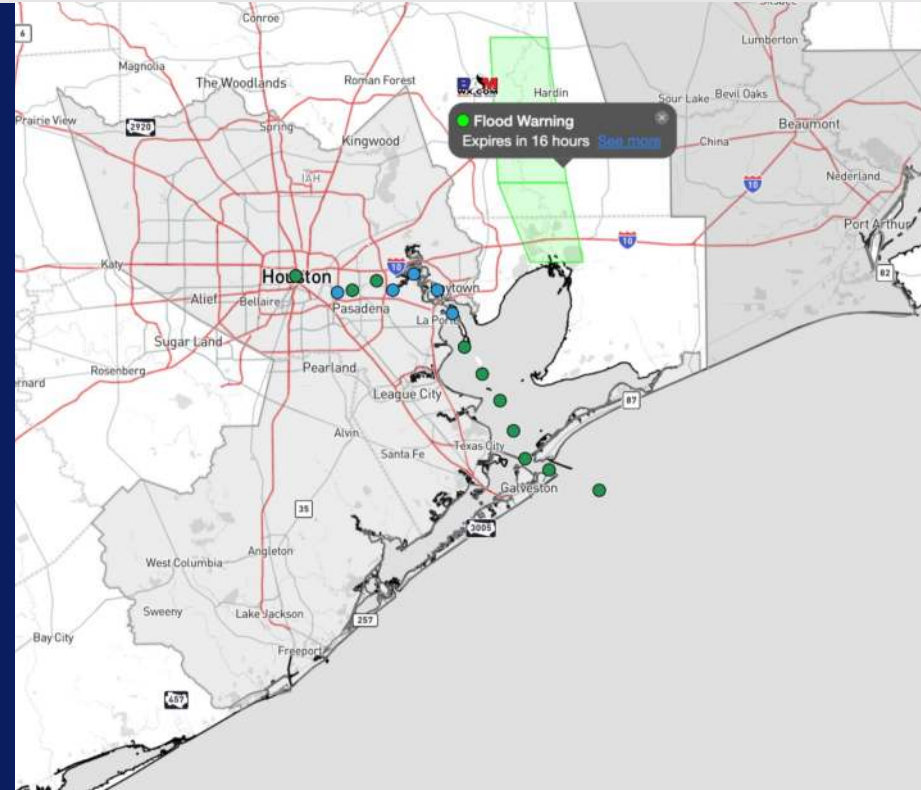
Updated: 11:00 PM CT

Thursday, June 13, 2024

Forecaster: Xander Lowry

Weather Headlines

- Winds to remain relatively calm over the next two days with winds picking up SUN.
- Low-end patchy fog chances return FRI and into the weekend.
- Moderate/Heavy rain risks will begin SUN, associated with the low-end possibility of the development of a Tropical Depression/Storm. Check custom graphic for more information



Current Radar: 11:00 PM CT



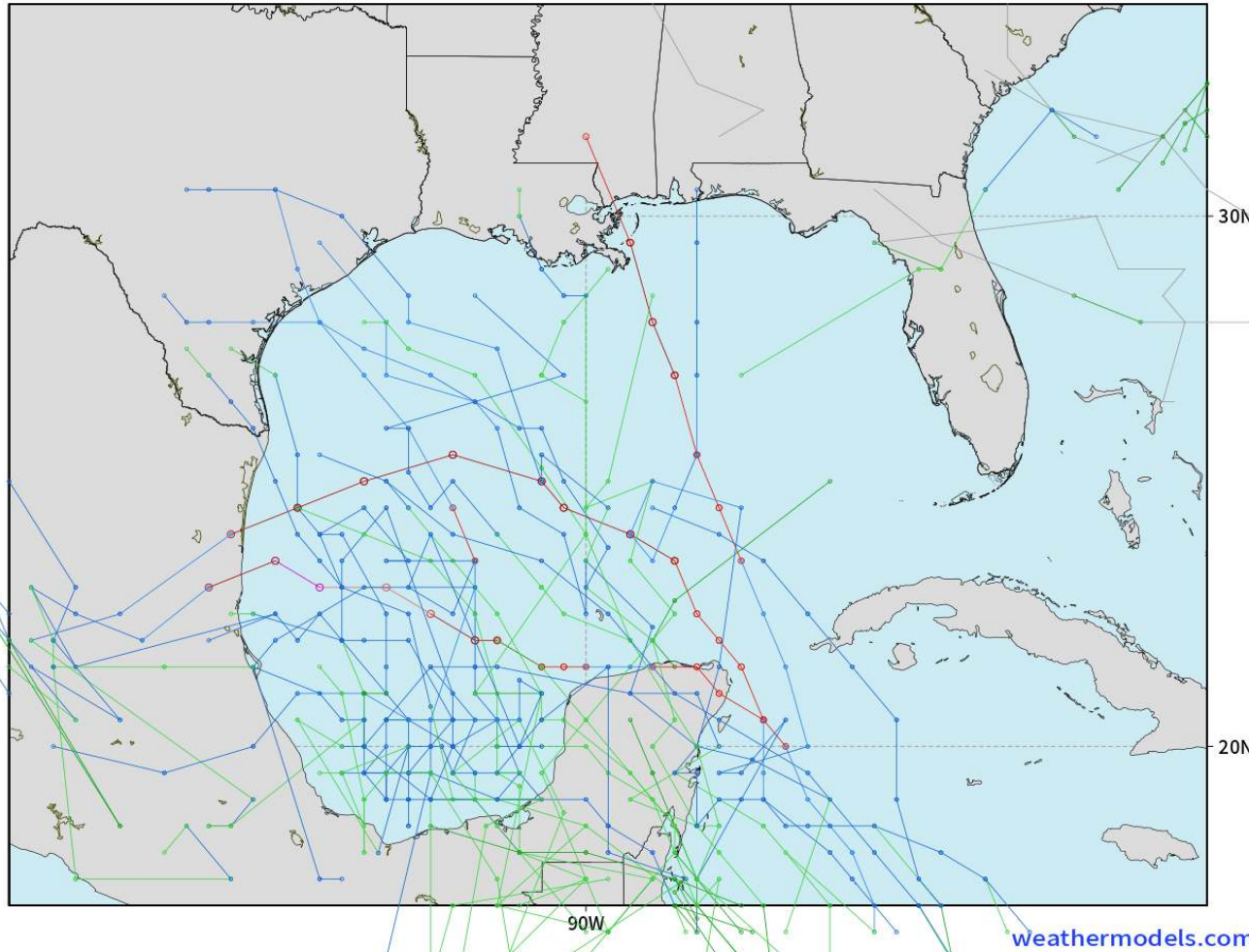
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

American Model Next 10 Days - Tropical Tracks

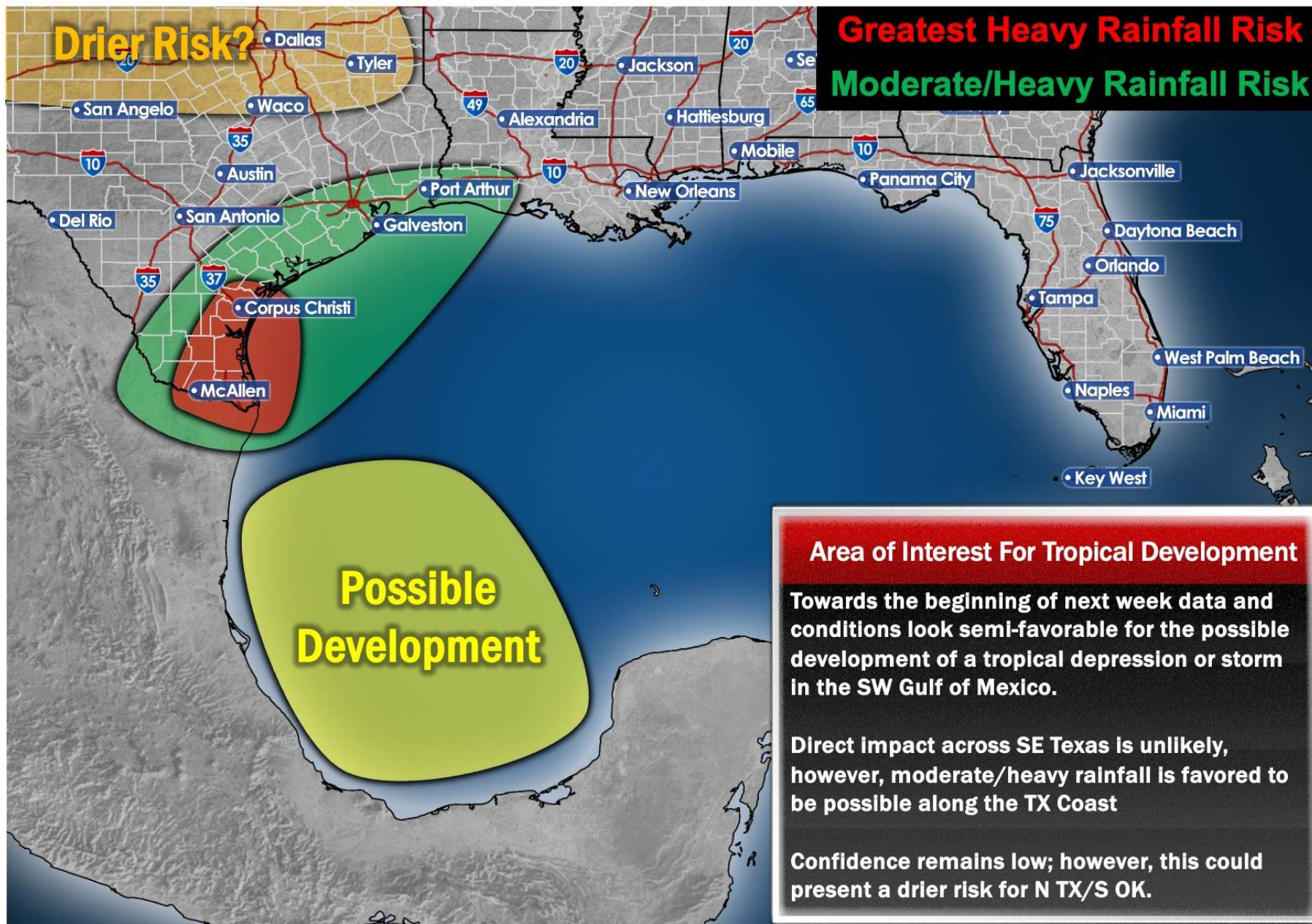
NOAA GEFSv12 | All Ensemble Cyclones +240 Hours
INIT: 18Z13JUN2024 --> UNTIL 18Z23JUN2024

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



Monitoring a tropical disturbance with the potential to become a Tropical Depression in the SW Gulf of Mexico between 6/17 - 6/20

As of FRI AM, direct impact with Houston is not favored. Periods of moderate/heavy rain and higher seas will be possible during that timeframe.



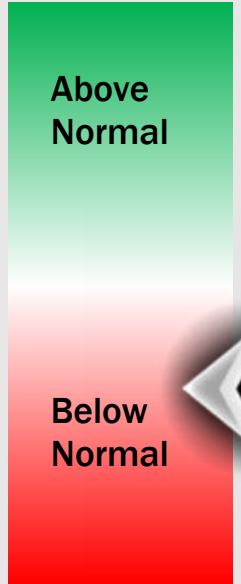
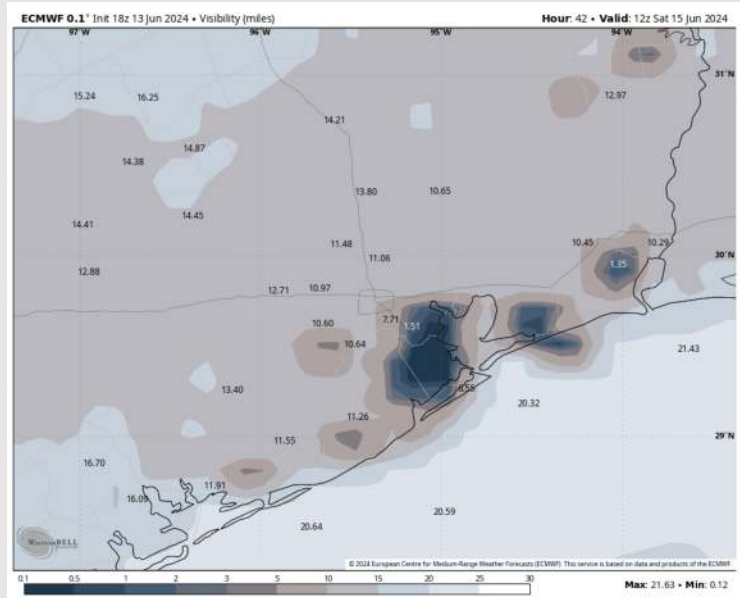
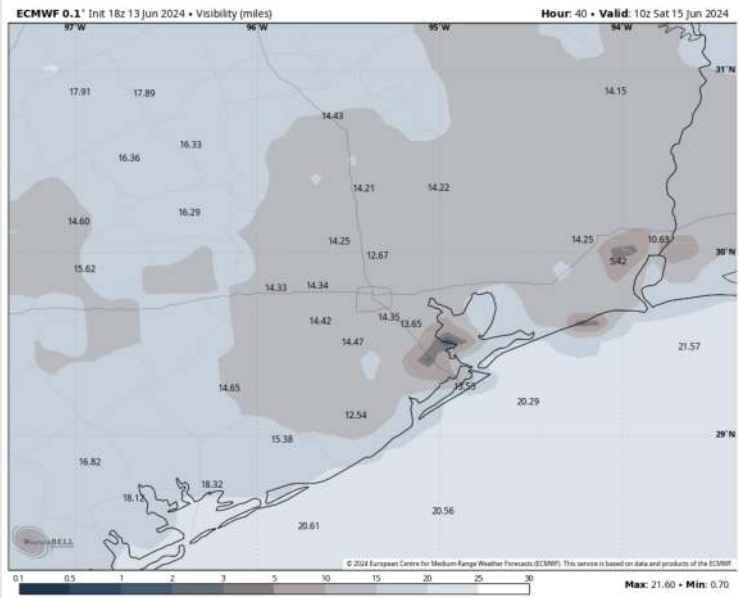
Houston Pilots Visibility Report



5 AM CDT FRI VISIBILITY

7 AM CDT FRI VISIBILITY

Confidence



- Watching for a low-end patchy fog risk Friday morning between 4 AM – 9 AM. Best timeframe likely between 5 - 7 AM
- Visibility within this timeframe could drop to 2 – 4 miles. Cannot rule out a few isolated instances of visibility dropping to 1 – 2 miles.
- Favoring this to be a risk for all stations N or Morgan’s Point this morning.

TIMEFRAME DISCUSSED	THREAT
4 AM – 9 AM FRI	Low

Houston Pilots Visibility Chart (miles)



Forecast Confidence

Above Normal

Below Normal

Time	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	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm
610 Bridge	10	10	10	10	10	10	10	10	9	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	9	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	9	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	9	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	9	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	9	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	9	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	10	10	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



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	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	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm
610 Bridge	3	2	2	1	1	1	1	1	1	1	1	2	3	3	4	4	5	5	6	6	6	5	5	4
	6	5	4	3	3	2	3	3	3	3	3	4	5	6	8	9	10	10	11	11	11	10	9	9
	S	S	S	SSW	NW	N	N	NNE	NNE	NE	ENE	NE	NE	NE	NE	NE	ENE	ENE	E	ESE	SE	SSE	S	
Kinder 1	3	2	2	1	1	1	1	1	1	1	1	2	3	3	4	4	5	5	6	6	6	5	5	4
	6	5	4	3	3	2	3	3	3	3	3	4	6	6	8	9	10	10	11	11	11	10	9	9
	S	S	S	SW	NW	N	N	N	NNE	NNE	NE	ENE	NE	NE	NE	NE	ENE	ENE	E	ESE	SE	SSE	S	
Greens Bayou	3	2	2	1	1	1	1	1	1	1	1	1	3	3	4	4	5	5	5	5	6	5	5	4
	5	5	4	3	3	2	3	3	3	3	3	4	6	6	8	9	9	10	11	11	11	10	9	8
	S	S	S	WSW	NW	NNW	N	N	NNE	NNE	NE	NE	NE	NE	NE	NE	ENE	E	ESE	SE	SSE	S		
Shell Crude	3	2	2	1	1	1	1	1	1	1	1	2	3	3	4	4	5	5	6	6	6	5	5	4
	5	5	4	3	3	3	3	3	3	3	3	4	6	6	8	8	9	10	11	11	11	10	9	8
	S	S	S	SW	NW	NNW	N	N	NNE	NNE	NE	NE	NE	NE	NE	NE	ENE	E	ESE	ESE	SE	SSE	S	
Lynchburg Ferries	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	4	5	5	5	5	5	5	4	3
	5	4	4	3	3	2	2	3	3	3	3	4	6	6	8	8	9	10	11	11	11	10	9	8
	S	S	S	WSW	NW	N	N	N	NNE	NNE	NE	NE	NE	NE	NE	NE	ENE	E	ESE	SE	SSE	S		
Exxon 3	5	4	3	3	3	2	2	2	3	3	3	3	3	3	5	5	6	7	7	7	8	8	7	6
	7	6	6	5	4	4	4	4	5	5	5	5	6	7	9	9	10	11	12	13	13	11	11	10
	SSE	SSE	S	S	N	NE	NNE	NNE	NE	NNE	NE	NE	ENE	ENE	ENE	E	E	ESE	ESE	SE	SE	SSE	SSE	S
Morgans Point	5	4	4	3	3	2	2	2	3	3	3	3	3	4	5	5	6	7	7	8	9	8	7	6
	7	6	6	5	4	4	4	4	5	5	5	5	7	7	9	9	10	11	12	13	13	11	11	10
	SSE	S	S	SSW	W	N	N	NNE	NNE	NE	NE	NE	ENE	E	ESE	ESE	ESE	SE	SE	SE	SSE	SSE	SSE	SSE
75/76	5	5	5	3	3	3	3	3	3	3	3	4	4	4	5	5	6	7	7	8	9	9	8	7
	8	7	6	5	5	4	4	5	5	5	6	6	7	7	9	10	11	12	13	13	12	11	10	
	SSE	SSE	SSE	S	S	SSE	NNE	NE	NNE	NNE	NE	NE	ENE	E	ESE	ESE	SE	SE	SSE	SSE	SSE	SSE	SSE	
63/64	5	5	5	4	3	3	3	3	3	3	3	4	4	4	4	5	5	6	7	8	9	8	7	7
	8	7	7	6	5	5	4	5	5	5	6	6	7	7	8	9	10	11	12	13	13	12	11	10
	SSE	SSE	SSE	SSE	S	SSE	NE	NE	NE	NE	NE	NE	ENE	ENE	E	ESE	SE	SE	SSE	SSE	SSE	SSE	SSE	
51/52	5	5	5	4	3	3	3	3	3	3	3	4	4	4	5	5	5	7	7	7	8	8	7	7
	8	7	7	6	5	5	5	5	5	6	6	6	8	8	8	9	10	11	12	13	13	11	11	10
	SSE	SSE	SSE	SSE	SSE	SE	E	ENE	NE	NE	NE	NE	NE	NE	ENE	ESE	SE	SE	SE	SSE	SSE	SSE	SSE	
37/38	5	5	5	4	3	3	3	3	3	3	3	4	4	5	5	5	5	7	7	7	8	8	7	7
	8	8	7	6	5	5	5	5	5	6	6	7	8	7	8	9	10	11	12	13	13	12	11	10
	SSE	SSE	SSE	SSE	SSE	SE	E	ENE	NE	NE	NE	NE	NE	NE	E	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	
25/26	5	5	5	4	3	3	3	3	3	3	3	4	5	5	5	5	5	7	7	7	8	7	7	7
	8	7	7	6	6	5	5	5	5	6	6	7	8	8	8	8	9	10	11	11	12	11	10	10
	SSE	SSE	SSE	SSE	SE	SE	E	ENE	ENE	NE	NE	NE	NE	NE	E	ESE	SE	SE	SSE	SSE	SSE	SSE	SSE	
11/12	5	5	4	3	3	3	3	3	3	3	3	4	5	5	5	5	6	7	7	7	7	7	6	6
	8	7	7	6	6	5	5	5	5	6	6	7	8	8	9	9	9	10	11	11	11	10	10	10
	SSE	SSE	SSE	SE	SE	ESE	E	ENE	ENE	NE	NE	ENE	ENE	E	E	ESE	SE	SE	SSE	SSE	SSE	SSE	SSE	
1 & 2 Bravo	6	5	5	5	4	3	3	3	3	3	4	5	5	5	5	5	6	7	7	8	7	7	7	7
	8	8	8	7	6	6	5	5	5	6	6	7	7	8	7	8	8	9	9	11	11	12	11	11
	SSE	SSE	SE	SE	SE	ESE	E	ENE	ENE	NE	NE	NE	ENE	ENE	E	E	ESE	SE	SE	SE	SSE	SE	SSE	SSE

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Forecast Discussion

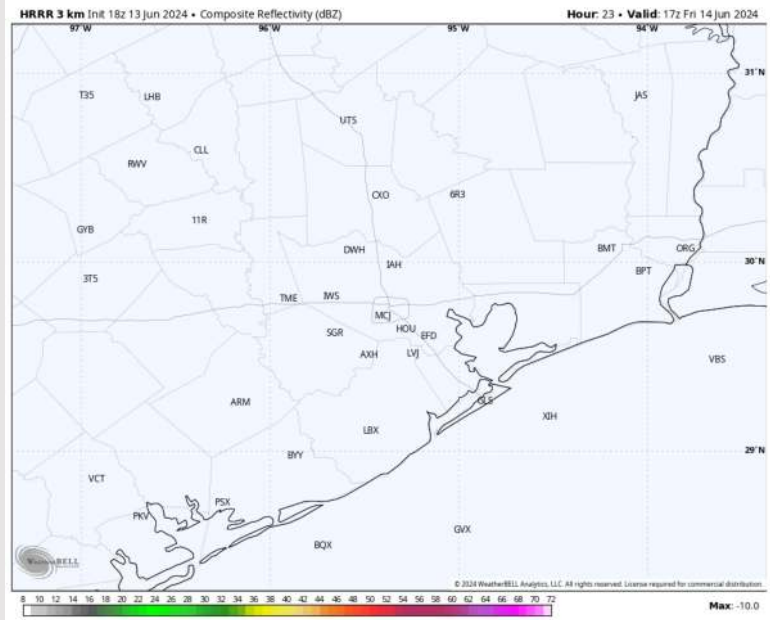
Precip: Dry conditions favored for today.

Wind: Expecting variable winds through 10AM, before shifting clockwise from the N through 4PM. After 4 PM, winds will settle out of the SE. **N of Morgan's Point:** Winds at 2-7 kts throughout the day on Friday. **S of Morgan's Point:** Winds at 4-9 kts throughout the day before increasing to 6- 11 kts after 4 PM.

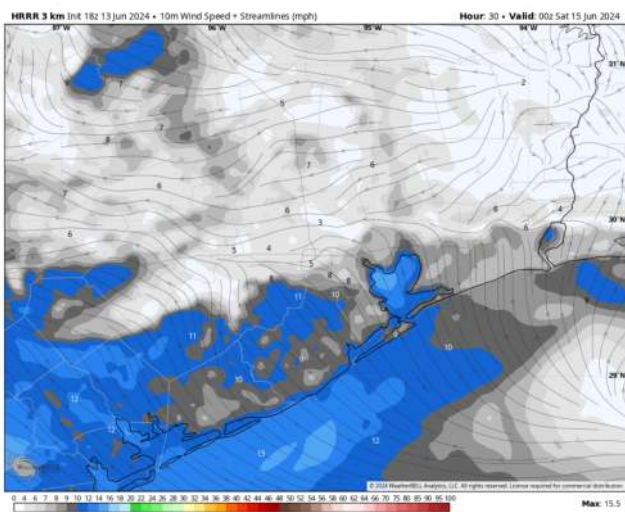
High Temps: **N of Morgan's Point:** Mid 90s F. **S of Morgan's Point:** Near 90 F.

Visibility: Watching a low-end risk for patchy fog development, reducing visibilities to 2 - 4 miles between ~4 AM - 9 AM.

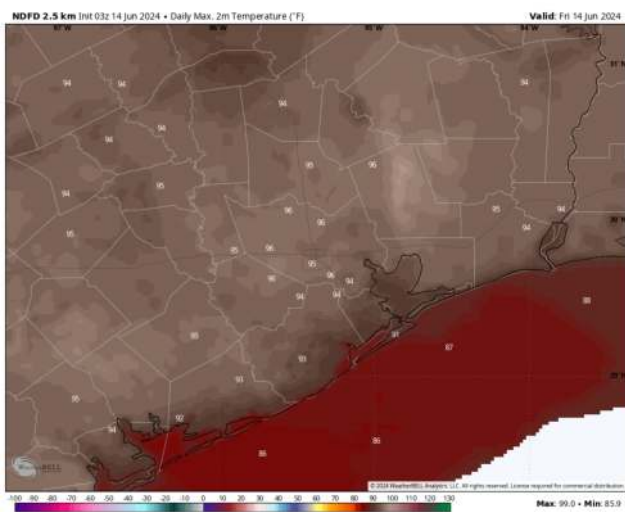
Precip Image: 12 PM CT



Wind Speed:
7 PM CT



High Temps
Today



Houston Pilots: Sat. 6/15/2024



Forecast Discussion

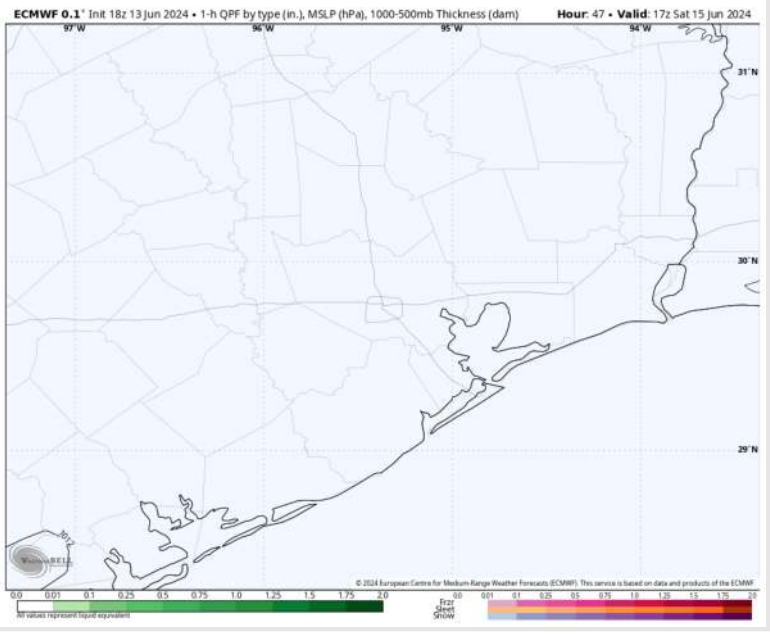
Precip: Favoring dry conditions SAT.

Wind: Winds will be variable through 1 PM, before settling out of the E/SE. **N of Morgan's Point:** Winds at 2-7 kts through 2PM, before a slight increase to 5-10 kts throughout the rest of the day. **S of Morgan's Point:** Winds at 3-8 kts through 3PM, before increasing to 7-12 kts throughout the rest of the day.

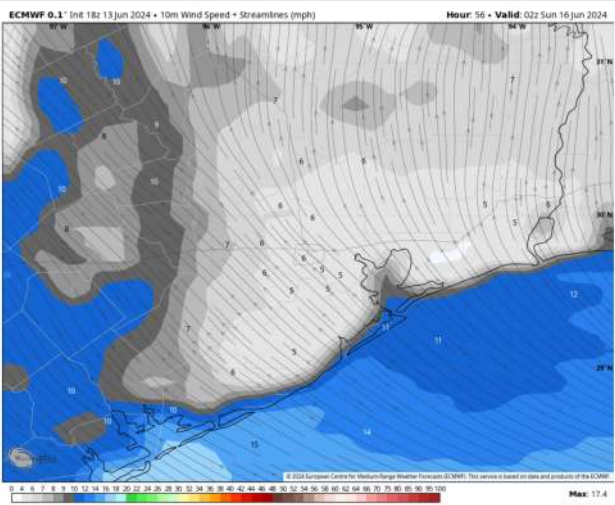
High Temps: **N of Morgan's Point:** Mid 90s F **S of Morgan's Point:** Upper 80s F.

Visibility: Favoring a low-end patchy fog risk for locations N of Morgan's point.

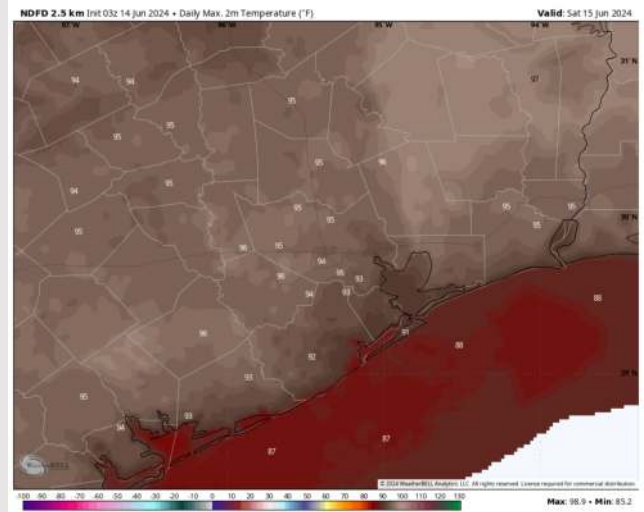
Precip Image: 12 PM CT



Wind Speed:
9 PM CT



High Temps
Saturday



Houston Pilots: Sun. 6/16/2024



Forecast Discussion

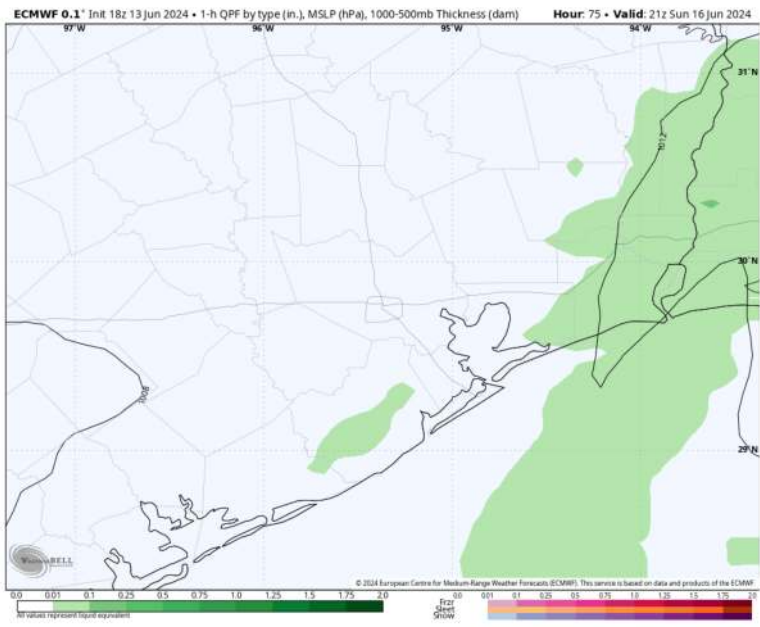
Precip: Favoring dry conditions throughout the day, aside from a brief window between 4 – 6 PM where scattered thunderstorms will be possible! **Thunderstorm wind gusts of 30-35 kts possible along with hail and lightning.**

Wind: Winds will be out of the SE/E throughout the day Sunday. **N of Morgan's Point:** Favoring winds at 5 – 10 kts throughout 11AM before increasing to 10-15 kts for the rest of the evening. **S of Morgan's Point:** Favoring winds 11 – 16 kts through 4PM, before winds increase to 15-20 kts for the rest of the day o

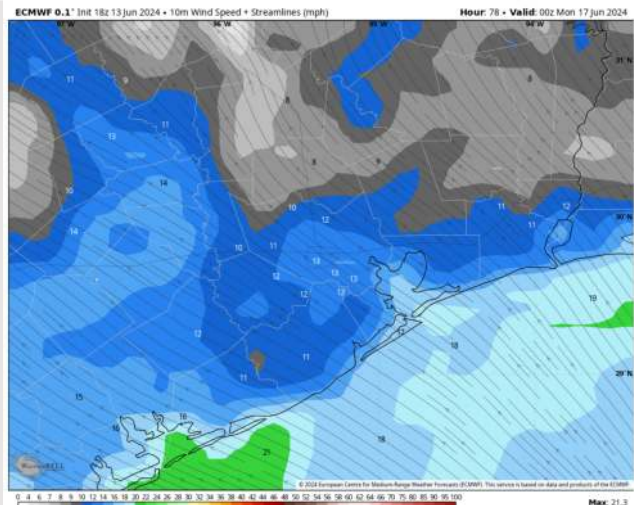
High Temps: **N of Morgan's Point:** Mid 90's F. **S of Morgan's Point:** Mid to Upper 80s F.

Visibility: Not favoring any fog concerns for Sunday

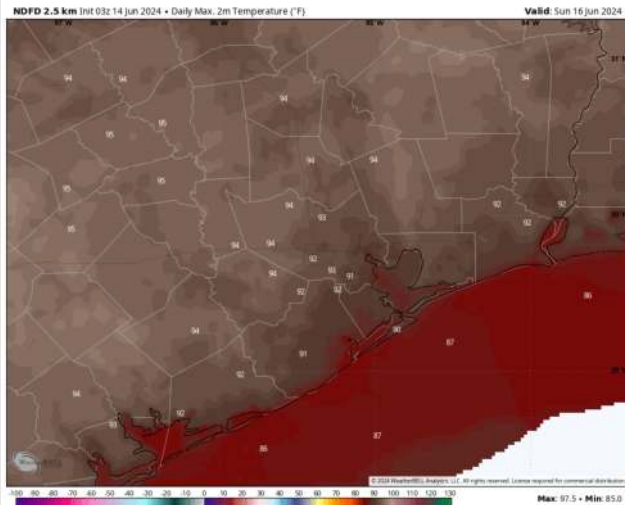
Precip Image: 4 PM CT



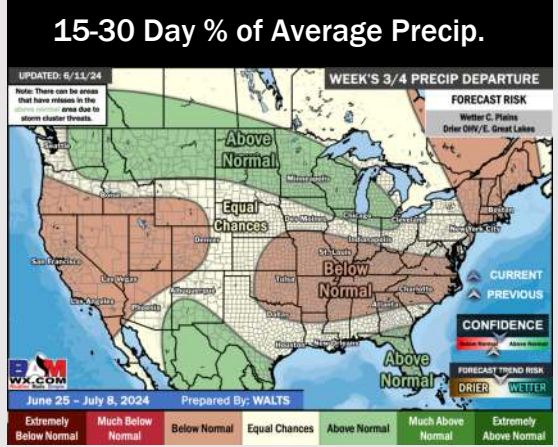
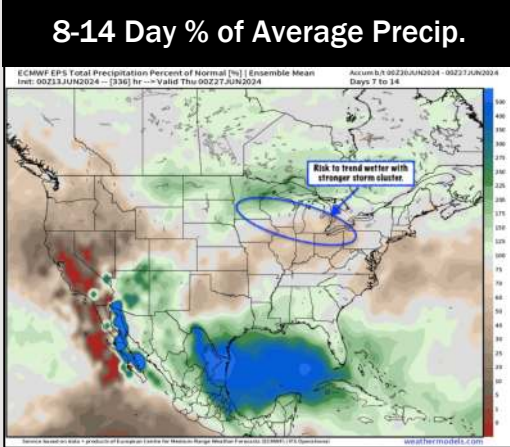
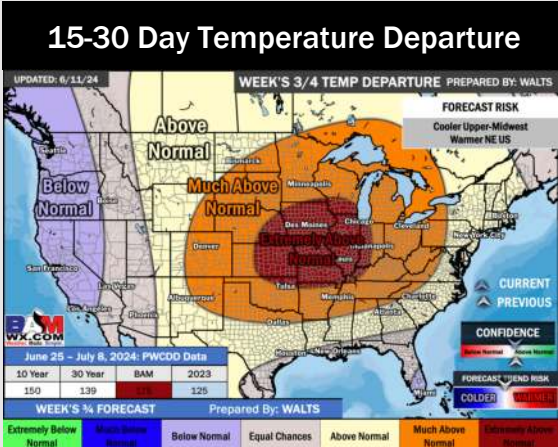
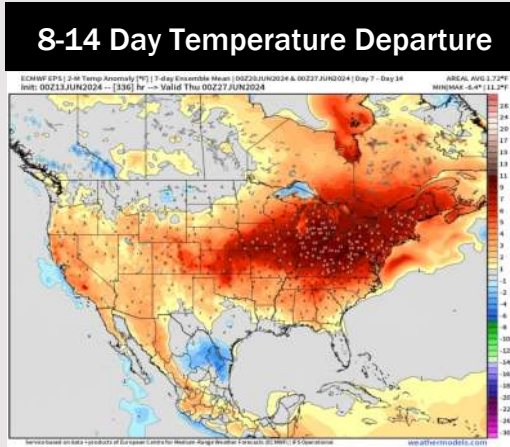
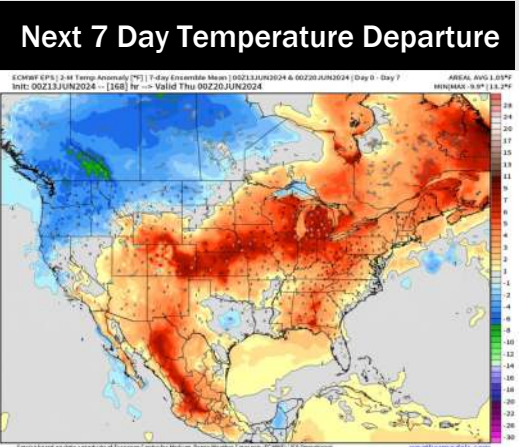
Wind Speed
7 PM CT



High Temps
Sunday



Houston Pilots: 6/14/24



- Temps are expected to be near normal for the week 1 timeframe. Monitoring risk for moderate/heavy rain beginning next SUN associated with a tropical system. (Check custom graphic for more information)
- Slightly above normal precipitation chances are at play during the week 2 timeframe. Temps are expected to be near normal for week 2.
- Near normal chances for precipitation and temperatures are favored in the weeks 3/4 timeframe.