

Houston Pilots Forecast Package



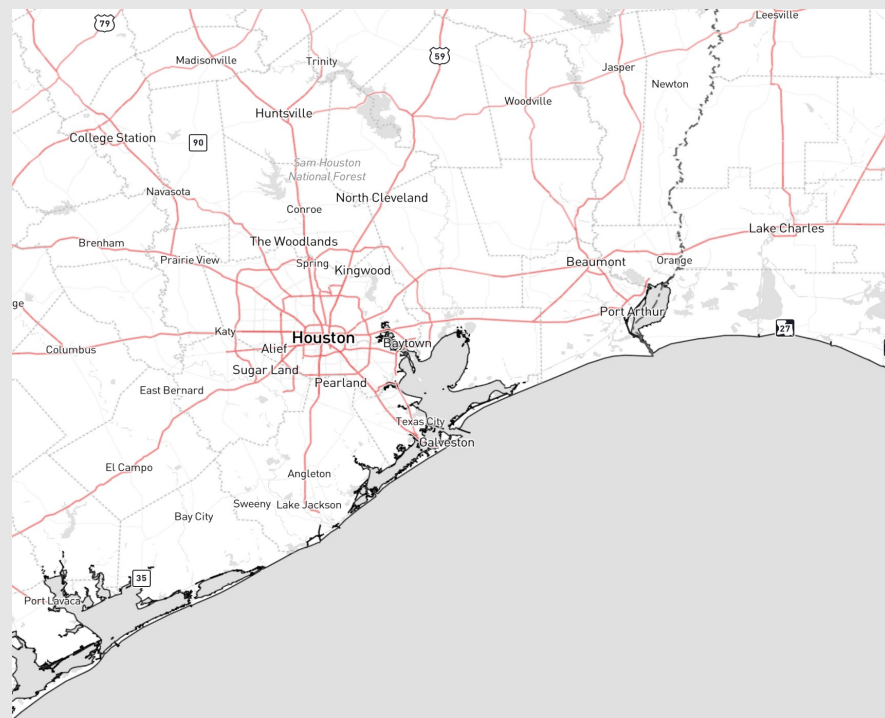
Updated: 1:00 AM CT

Wednesday, January 10, 2024

Forecaster: Jonathan Kipper

Weather Headlines

- Watching for hit and miss rain chances Thursday with a cold front working through the area Friday AM
- Winds will be generally calm today and tomorrow before picking back up THU PM
- **FRI will see wind gusts of 30 – 40 kts throughout the day. More details on FRI slide below.**
- Sea fog threat looks limited over the coming days outside of low end risk THU.



Radar/NWS Alerts: 12:55 AM CT



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

Houston Pilots Extended Range Visibility Report



Saturday 1/13/24

No visibility concerns for Saturday.

Forecast Confidence



Monday 1/15/24

No visibility concerns for Monday.

Forecast Confidence



Sunday 1/14/24

No visibility concerns for Sunday.

Forecast Confidence



Chance for Fog

Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Time	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am
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	10	10	7	6	0.48	0.45	0.28	0.52	0.42	0.28	5	7
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	10	10	7	6	2	2	2	2	2	2	5	8
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	10	10	8	6	4	4	4	4	4	4	6	8
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	10	10	8	7	8	7	6	7	7	7	7	8
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	10	10	8	7	8	7	6	7	7	7	7	8
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	10	10	8	7	8	7	6	7	7	7	7	8
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	10	10	8	7	8	7	6	7	7	7	7	9
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	10	10	8	7	8	7	6	7	7	7	7	9
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	10	10	8	7	8	7	6	7	7	7	7	9
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	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	10	10	8	8	8	7	7	7	7	7	8	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	10	10	8	9	8	7	7	7	7	7	9	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	10	10	8	9	8	7	7	7	7	7	9	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	9	9	8	9	8	7	7	7	7	7	9	9

NOTE: This Visibility covers the normal timeframe, however still experiencing a data issue for red outlined locations.

Houston Pilots Wind Chart



Forecast Confidence

Above Normal

Below Normal

Example

Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13
G:18
N

Time Knots	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am
610 Bridge	3	3	2	2	2	2	3	3	3	4	5	7	9	11	12	11	11	11	10	8	7	6	5	5	5	5	4	4	3	3	3	3	4	6	8	
	4	4	3	3	3	4	4	4	5	6	7	11	14	17	18	17	17	15	12	11	9	8	5	8	7	7	7	5	5	4	5	5	7	9	12	
	WSW	SW	SW	SSW	S	S	S	S	S	SSE	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S	
Kinder 1	3	3	2	2	2	2	3	3	3	4	5	7	9	11	11	11	11	10	8	7	6	5	5	5	5	4	3	3	3	2	3	3	4	6	8	
	4	4	4	3	3	4	4	5	5	6	7	10	13	17	17	16	17	16	15	12	11	9	8	7	7	7	7	5	5	4	4	5	7	9	12	
	WSW	SW	SW	SSW	S	S	S	S	S	SSE	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S	
Greens Bayou	3	3	2	2	2	2	3	3	3	4	4	7	8	11	11	11	11	10	8	7	6	5	5	5	4	4	4	3	3	2	2	3	4	6	8	
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	WSW	SW	SW	SSW	S	S	S	S	S	SSE	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	
Shell Crude	3	3	3	2	2	2	3	3	3	4	4	7	8	10	11	11	11	10	8	7	6	5	5	5	5	4	4	3	3	3	3	4	5	6	7	
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	WSW	SW	SW	SSW	S	S	S	S	S	SSE	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	
Lynchburg Ferries	3	3	3	2	2	2	3	4	4	4	5	7	8	10	11	11	11	10	8	7	6	6	5	5	5	5	4	4	3	3	3	4	5	6	8	
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	WSW	WSW	SW	SSW	S	S	S	S	S	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE
Exxon 3	4	4	4	3	3	3	3	4	4	5	5	7	8	10	11	11	11	10	8	7	6	6	5	5	5	5	4	4	3	3	4	5	5	6	8	
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	WSW	WSW	SW	SW	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	
Morgans Point	4	4	4	3	3	3	4	5	6	6	6	8	9	10	10	11	12	12	11	9	7	7	6	6	6	6	5	5	4	4	4	5	6	7	8	
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	WSW	WSW	WSW	SW	SSW	S	S	S	S	S	S	S	S	S	S	S	SSW	SSW	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	
75/76	6	6	5	4	3	4	5	6	7	8	8	8	9	10	11	11	12	13	12	10	9	8	7	7	7	7	7	6	5	5	6	7	8	8	9	
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63/64	6	6	5	4	3	3	4	6	7	8	8	9	9	10	11	12	12	13	12	10	9	8	7	8	8	8	7	7	6	5	5	6	7	8	8	9
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	WSW	WSW	WSW	SW	SSW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	
51/52		15 18 WNW	15 21 WNW	16 20 W	18 22 WNW	21 25 WNW	23 27 WNW	26 30 WNW	25 30 WNW	25 30 WNW	24 29 WNW	25 30 WNW	24 31 WNW	25 30 WNW	24 29 WNW	25 30 WNW	24 31 WNW	23 27 WNW	23 28 WNW	22 27 WNW	20 26 WNW	19 23 WNW	18 22 WNW	16 22 WNW	16 19 WNW	15 12 WNW										
37/38	5	5	5	3	2	2	3	5	7	8	9	9	10	11	11	11	12	11	11	9	8	7	7	7	7	7	7	6	5	4	5	5	7	7	8	9
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	W	W	WSW	WSW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	
25/26	5	5	4	3	1	2	3	5	6	8	8	9	10	11	11	10	11	10	9	8	8	7	6	7	7	7	7	5	5	5	5	6	7	8	9	
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	W	W	W	WSW	SW	SSW	S	S	S	S	S	S	S	S	S	SSW	SSW	S	SSW	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	
11/12	6	5	5	3	2	2	3	5	7	8	9	9	10	11	11	10	10	10	9	9	8	7	7	7	7	7	7	6	6	5	6	6	6	7	8	9
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	W	W	W	WSW	WSW	SSW	S	S	S	S	S	S	S	S	S	S	S	S	SSW	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	
1 & 2 Bravo	8	7	7	5	3	2	4	6	9	10	11	11	12	11	10	11	12	11	11	10	9	9	9	9	9	9	9	8	8	7	8	8	9	9	9	10
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	WNW	WNW	W	W	WSW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	

NOTE: This wind chart covers the normal timeframe, however still experiencing a data issue for red outlined locations.

Houston Pilots: Wed. 01/10/2024

Forecast Discussion

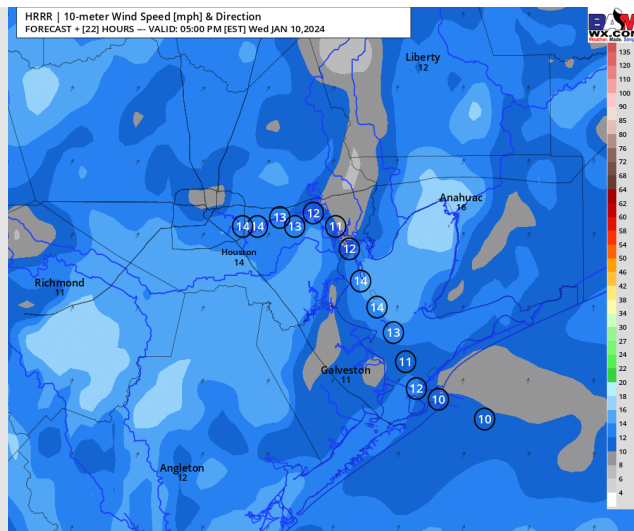
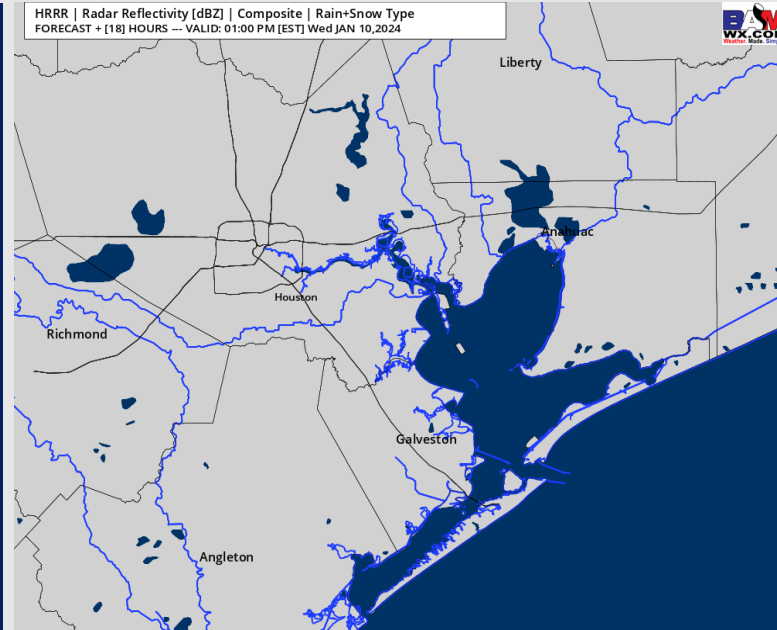
Precip: Favoring dry conditions for today.

Wind: Winds out of the WSW will veer out of the SSW by 7 AM. **N Morgan's Point:** 1-5 kts through the AM, increasing to 7-12 kts near 12 PM. Winds will then decrease to 3-8 kts by 6 PM. **S of Morgan's Point:** 4-9 kts through majority of the AM, increasing to 7-12 kts by 2 PM.

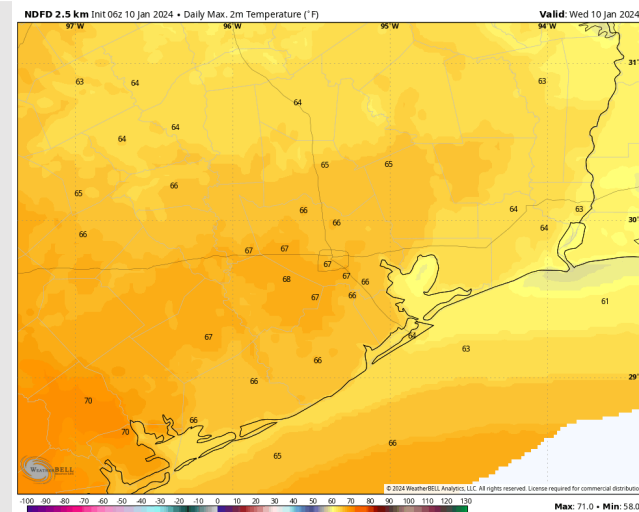
High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Low/Mid 60s F.

Visibility: No visibility concerns for Wednesday.

Precip Image: 12 PM CT



Wind Speed:
4 PM CT



High Temps
Today

Houston Pilots: Thu. 01/11/2024

Forecast Discussion

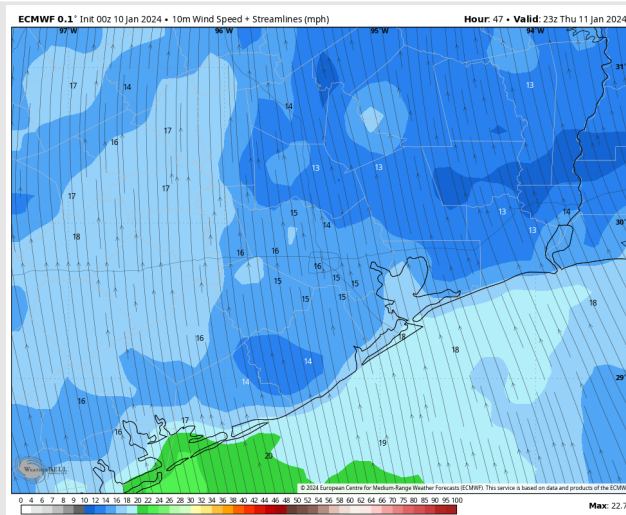
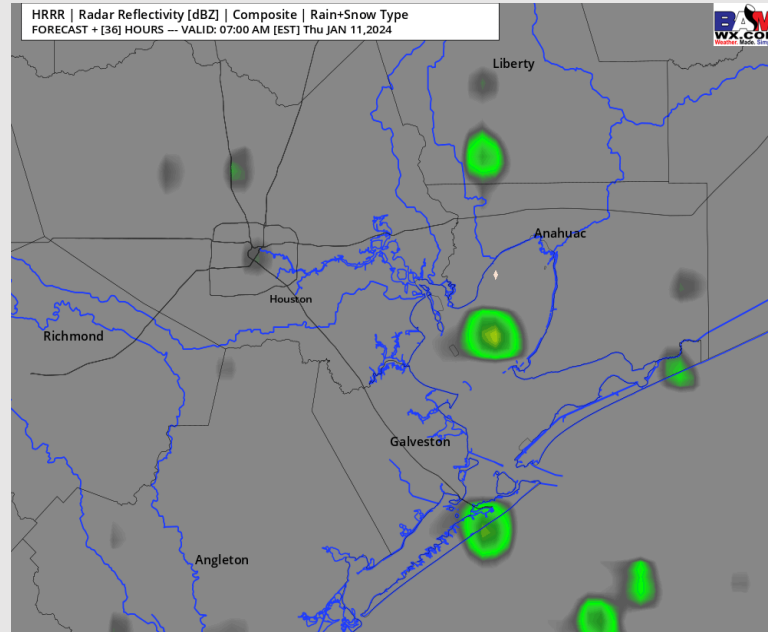
Precip: Favoring a dry early morning with hit and miss pockets of light showers starting as early as 5 AM. Expecting light showers to taper off by mid afternoon.

Wind: Winds will be out of the S through 6 AM before veering out of the SSW the rest of THU. **N of Morgan's Point:** Winds at 4-9 kts through 10 AM before increasing to 12-17 kts. Winds decrease to 10-15 kts after 5 PM. **S of Morgan's Point:** Winds at 7-12 kts through 9 AM then increase to 14-19 kts the rest of the day.

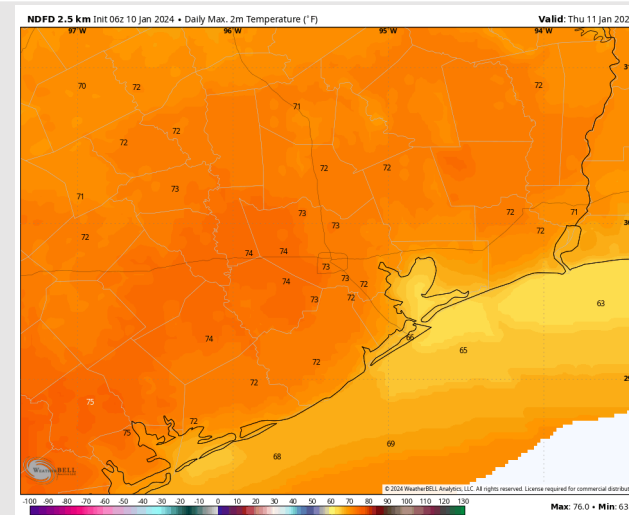
High Temps: **N of Morgan's Point:** Low 70s F **S of Morgan's Point:** Mid 60s F

Visibility: A low end risk for patchy fog THU AM, however better coverage will remain to the West.

Precip Image: 6 AM CT



Wind Speeds:
5 PM CT



High Temps
Thursday

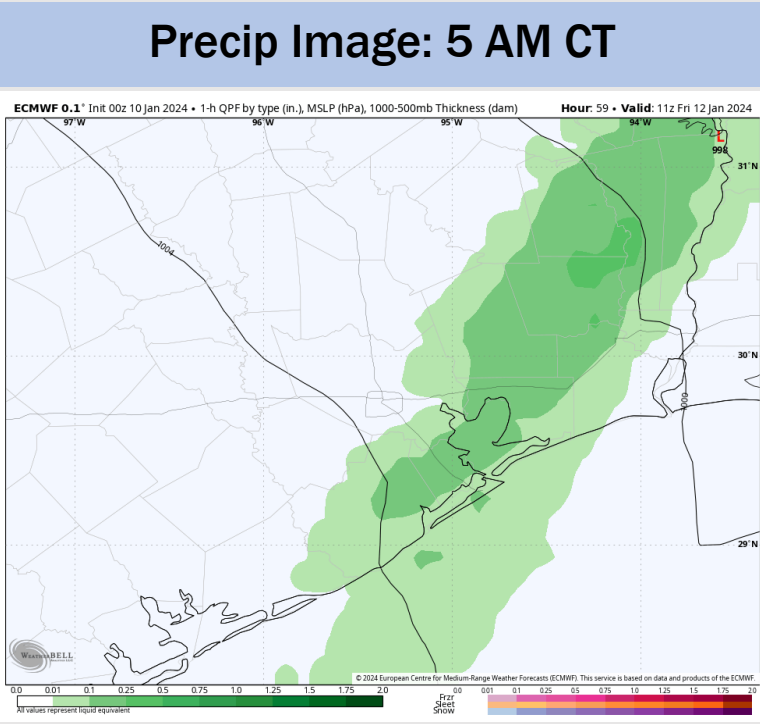
Forecast Discussion

Precip: Anticipating a line of showers/storms to pass through the area during the 4-7 AM CT on FRI before dry conditions the rest of the day. **The main risk with storms will be stronger wind gusts of 30-40 kts.**

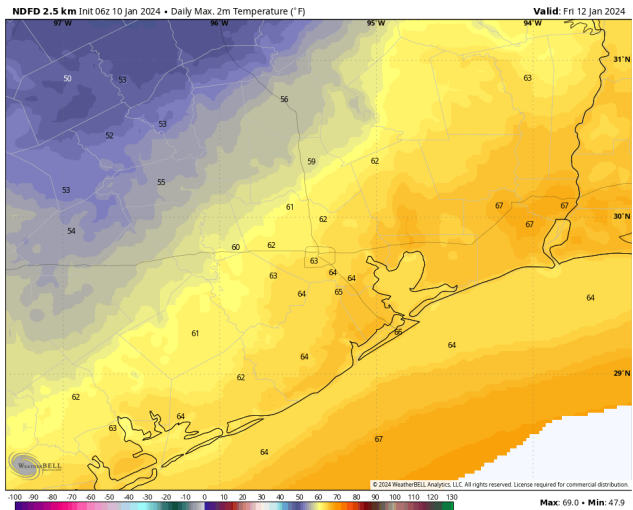
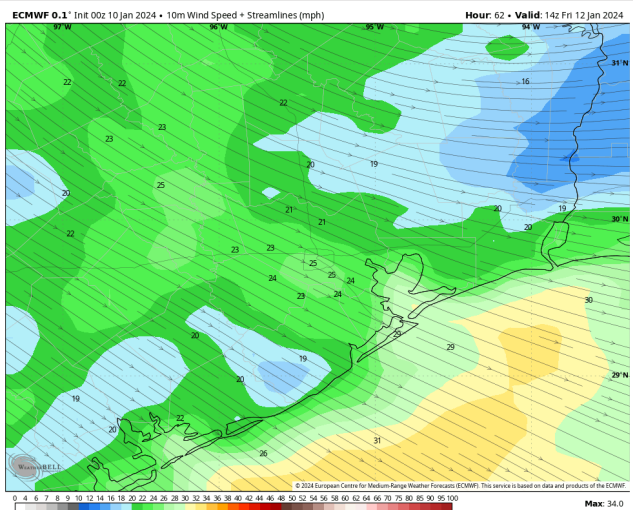
Wind: Winds out of the south through ~7 AM before moving to out of the NW the rest of FRI. **N Morgan's Point:** 12-17 kts through 7 AM before increasing to 20-25 kts. Winds then decrease to 10-15 kts after 4 PM and 6-11 kts after 8 PM. **S of Morgan's Point:** Winds will start off at 20-25 kts before increasing to 23-28 kts by 5 AM with brief periods of closer to 30 kts. Winds will then decrease gradually starting at 3 PM to being 18-23 kts by 7 PM and 10-15 kts by 11 PM. **Wind gusts of 30-40 kts will be possible at all stations from 4 AM to 4 PM.**

High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Mid 60s F.

Visibility: Reduced visibilities of 2-4 miles possible under storms FRI AM.



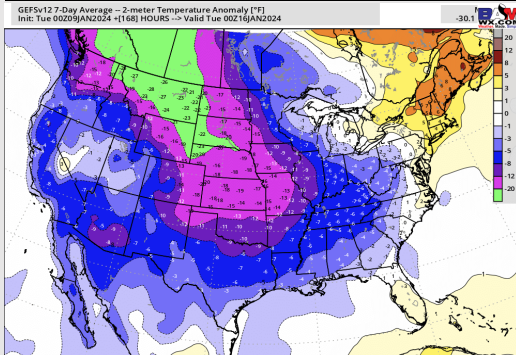
Wind Speed:
8 AM CT



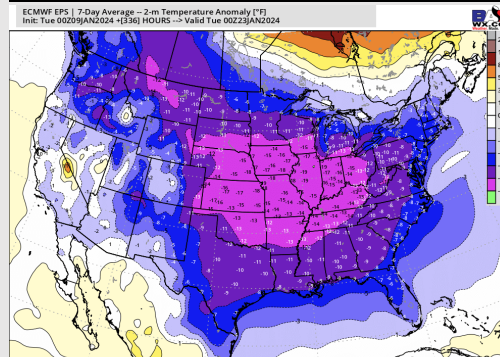
High Temps
Friday

Houston Pilots: 1/10/24

Next 7 Day Temperature Departure

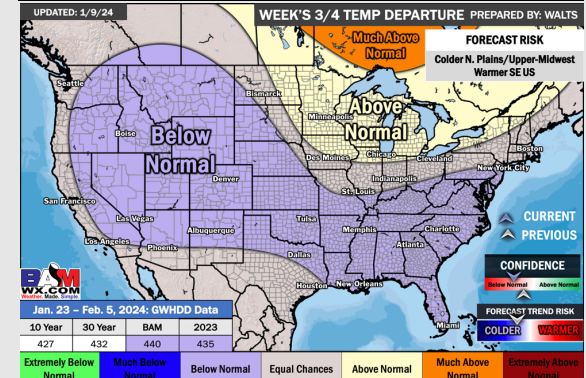


8-14 Day Temperature Departure

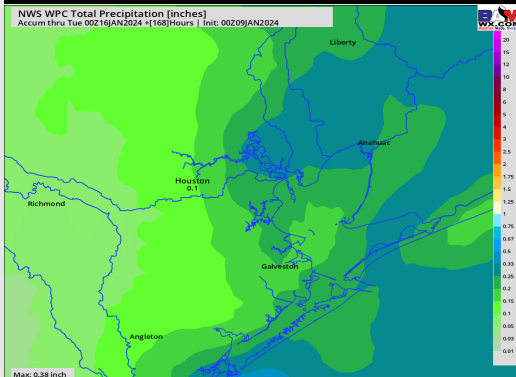


Service based on European Centre for Medium-range Weather Forecasts (ECMWF) data

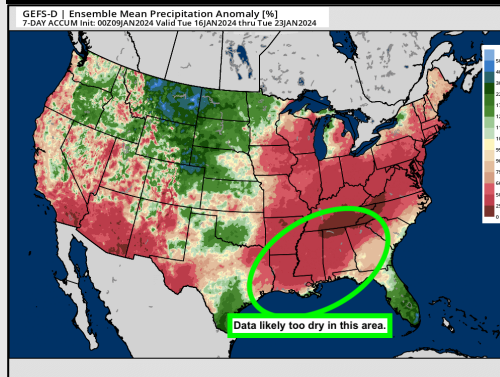
15-30 Day Temperature Departure



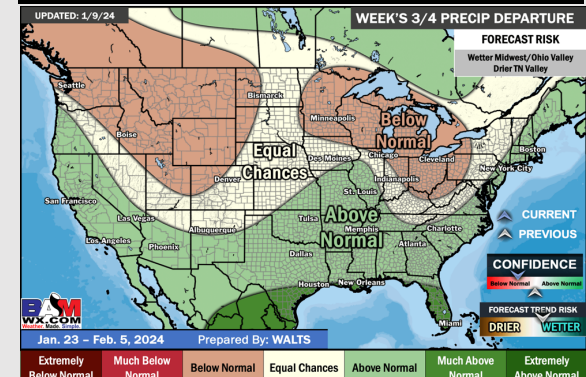
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Next opportunities for rain will be Thursday/Friday. Below normal temperatures for next week.
- Seasonable precip. chances are expected for the week 2 timeframe. Temps expected to be below normal.
- Below normal to seasonable temperatures and above normal chances for precipitation are favored in the weeks 3/4 timeframe.