Houston Pilots Forecast Package

Updated: 2:45 PM CT

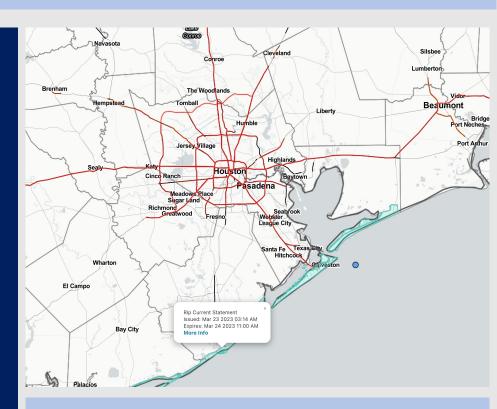
Thursday, March 23, 2023

Forecaster: Alyssa McClung



Weather Headlines

- Low end risk for patchy fog this evening and into tomorrow. Another fog risk to watch will come late tomorrow into Sat. View visibility reports for more details.
- A few storms possible tomorrow as well into the afternoon.
- Winds expected to be slightly elevated through the overnight and into tomorrow.



Radar/NWS Alerts: 2:45 PM 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 Visibility Report



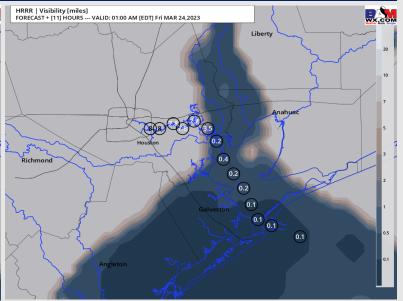


8 PM CT THU VISIBILITY

12 AM CT FRI VISIBILITY

Confidence







- TIMEFRAME THREAT
 DISCUSSED

 7 PM THU 10 AM FRI Med
- Confidence is a bit higher for fog chances late tonight into tomorrow morning as the overall setup traditionally favors fog potential.
- > Confidence is a bit lower on the onset of the fog and how widespread / dense fog can be.
- ➤ Elevated winds continue to suggest that the threat can be more patchy with visibility less than 3 miles. However, areas of dense fog (vis less than 1 mile) cannot be ruled out.
- ➤ All stations are at risk for patchy fog. Stations south of Morgan's Point are at the greatest risk for dense fog.
- ▶ Patchy fog will be possible as early as 7 8 PM with the greatest threat from 11 PM 5 AM for dense fog. Patchy fog can linger through about 9 10 AM.
- > Winds start to shift more out of the SW thereafter which makes fog harder to come by beyond 10 AM FRI AM.

Houston Pilots Visibility Report

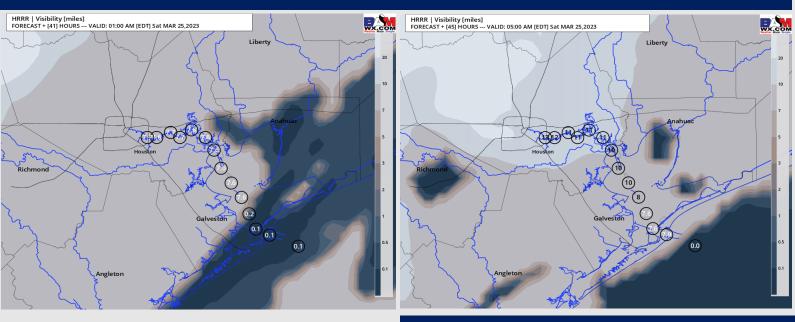


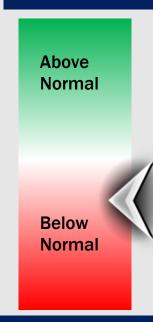


12 AM CT FRI VISIBILITY

4 AM CT SAT VISIBILITY

Confidence





TIMEFRAME DISCUSSED	THREAT
10 PM FRI – 8 AM SAT	Low - Med

- Anticipating a patchy fog risk to begin to work into the area around the 10 PM timeframe Friday reducing visibilities to less than 2 miles. Expecting fog to begin out towards the Boarding Station then creeping northward, impacting all stations South of Morgan's Point.
- ➤ Fog risk will be the greatest between the 12 3 AM timeframe Saturday morning with a few stations seeing visibilities of less than 1 mile at times. After 3 AM, fog risk will sit primarily over the Boarding Station.
- ➤ Calmer winds out of the SE will encourage fog development Friday night into Saturday, however Saturday morning around the 7 8 AM timeframe, winds will shift out of the NW, helping to push fog risk even further from the shore, concluding the sea fog risk before the afternoon.
- > Lower confidence remains on exact coverage and density of fog.

Houston Pilots Extended Range Visibility Report





Sunday 3/26/23

Winds out of the S accompanied by low level moisture keep sea fog risks in play, but very low confidence and potential.

Monday 3/27/23

Winds out of the S for the AM hours will present some potential for sea fog, but a shift in wind from the NE will make fog unlikely in the PM.



Tuesday 3/28/23

Winds out of the NE will make fog unlikely on Tuesday.

Above Below Normal Normal

Chance for Reduced Visibility Sunday AM Unlikely

Sunday PM	Possible
Monday AM	Possible

Monday PM Unlikely

Tuesday AM Unlikely
Tuesday PM Unlikely

Above Below Normal Normal

Houston Pilots Visibility Report







More info regarding fog threats found on slide 2 and 3.

Time		Thu 1pm	Thu 2pm	Thu 3pm		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	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm
610 Bridge	10	10	10	10	10	10	10	9	8	8	7	8	7	7	5	7	6	7	8	8	6	6	6	6	6	5	6	6	7	7	6	6	6	6	5	5
Kinder 1	10	10	10	10	10	10	10	9	8	7	7	8	7	7	4	7	6	7	7	8	5	6	6	6	6	5	6	6	7	7	6	6	6	6	5	5
Greens Bayou	10	10	10	10	10	10	10	9	8	6	5	7	6	6	3	6	5	6	6	6	5	5	5	6	6	5	6	6	7	7	7	6	6	6	5	5
Shell Crude	10	10	10	10	10	10	10	8	8	5	4	6	5	5	2	4	4	4	5	5	4	5	5	5	5	5	6	6	7	7	7	6	6	6	5	5
Lynchburg Ferries	10	10	10	10	10	10	9	8	7	4	2	4	3	4	1	4	3	4	4	4	4	4	4	5	5	5	6	6	7	7	7	6	6	6	5	5
Exxon 3	9	10	10	10	10	9	8	7	7	2	1	2	2	2	0.19	2	1	2	3	3	3	3	4	4	5	5	6	6	6	7	7	6	6	6	5	5
Morgans Point	8	10	10	9	9	8	8	7	7	0.96	0.74	3	1	1	0.12	2	1	1	2	2	2	3	3	4	6	6	5	5	6	7	7	6	6	6	6	5
75/76	8	10	9	8	8	8	8	7	7	0.16	1	4	0.91	0.91	0.09	1	0.82	1	1	2	1	2	2	3	6	6	4	3	5	7	7	7	6	6	6	6
63/64	8	8	8	8	8	8	7	7	7	0.06	1	6	0.22	0.12	0.07	1	0.59	0.84	1	1	1	1	1	2	6	7	3	2	4	6	7	7	7	7	7	6
51/52	8	8	8	8	8	8	7	7	5	0.06	2	7	0.22	0.06	0.08	1	0.52	0.68	1	1	0.99	0.99	1	2	7	7	2	1	3	6	7	7	7	7	7	6
37/38	8	8	7	8	8	7	7	7	3	0.06	3	7	0.76	0.06	0.14	1	0.68	0.76	1	1	1	0.98	1	2	6	6	2	2	3	5	6	6	6	6	6	6
25/26	8	8	7	7	7	7	7	7	1	0.07	4	7	1	0.07	0.17	1	0.97	0.64	0.87	1	0.84	0.81	0.87	3	6	6	3	1	2	5	7	6	6	7	7	6
11/12	8	7	7	7	7	7	7	7	0.54	0.07	3	7	2	0.09	0.17	1	1	0.47	0.59	0.81	0.56	0.54	0.6	3	7	7	3	2	1	4	7	7	7	7	7	6
1 & 2 Bravo	7	7	6	7	7	7	7	7	0.24	0.07	3	7	5	2	0.14	1	3	0.22	0.35	1	0.21	0.2	0.22	4	7	7	5	4	0.32	4	7	7	7	7	7	6

Houston Pilots Wind Report







Sustained wind 13 Knots

Gusts 18 Knots

WS: 13

G:18

N

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

Houston Pilots: Thu. 3/23/2023





Forecast Discussion

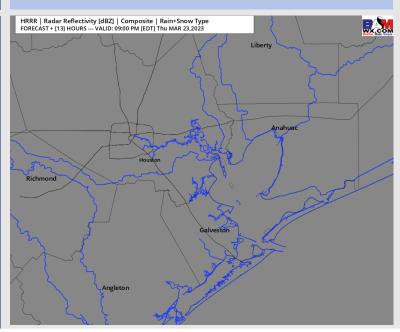
Precip: Anticipating dry conditions the rest of the day today.

Wind: Sustained winds this afternoon around 10 – 15 knots with gusts of 16 – 22 knots will be possible. Gusts into the evening, especially north of Morgan's Point of 20 – 25 knots will be possible.

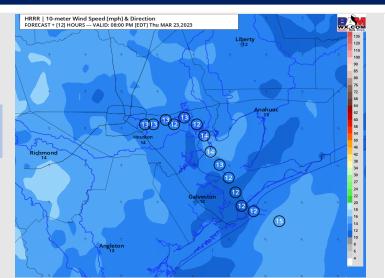
Temps: Low temps Friday morning in the mid to low 60s F across all stations.

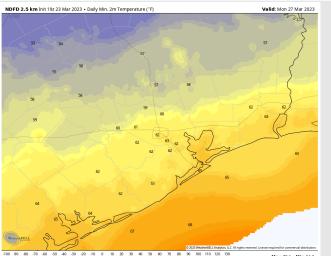
Visibility: Fog potential exists this PM. See slide 2 for more info.

Precip Forecast: 8 PM CT



Wind Speed 7 PM CT





Low Temps Friday AM

Houston Pilots: Fri. 3/24/2023





Forecast Discussion

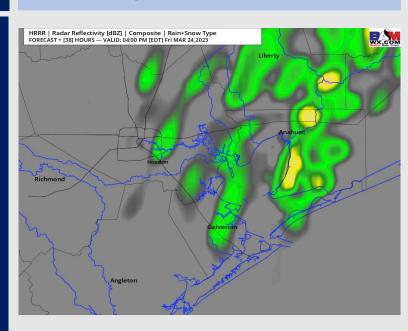
Precip: Watching the potential for an area of storms around the 2 – 5 PM timeframe tomorrow afternoon. Best potential will be north/ east of our stations. However a brief passing storm capable of producing a quick burst of heavy rain and perhaps a stronger storms cannot fully be ruled out.

Wind: Winds in the AM will be around 8 – 13 knots sustained out of the south before picking up into the afternoon sustained around 11 – 16 knots. Winds into the afternoon start to shift more out of the SW out ahead of a cold front. Gusts in the afternoon around 22 – 26 knots will be possible. Winds will remain out of the SW through the evening.

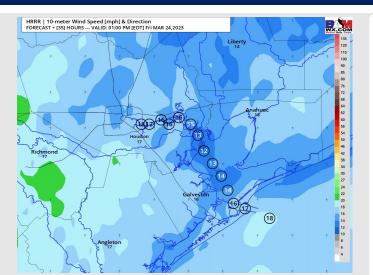
Temps: High temperatures Friday will be in the low 70s F near the boarding station and upper 70's/near 80 F for the other stations.

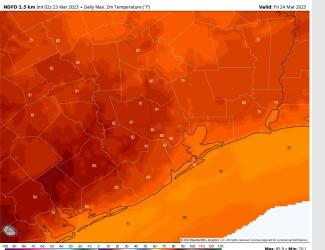
Visibility: Fog potential exists FRI AM with chances redeveloping into the late evening as well. More details on slides 2 and 3.

Precip Forecast: 3 PM CT



Wind Speed 12 PM CT





High Temps Friday

Houston Pilots: Sat. 3/25/2023





Forecast Discussion

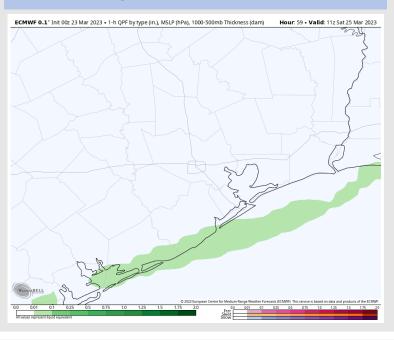
Precip: A few isolated showers will be possible (10-20%) in the early AM hours, with better chances south of Morgan's Point. After 6-8 AM, expecting dry conditions.

Wind: Winds Saturday will start out of the SW until 6 AM, where they will be from out of the NW. Winds will then shift to the SE by 6 PM. Wind speeds through 8 AM will be at 9-15 kts. After 8 AM, winds will die down to being 3-8 kts for the rest of the day.

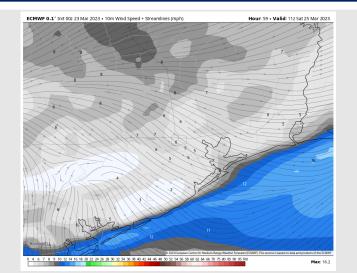
Temps: Anticipating high temperatures Saturday will be in the low 70s F near the boarding station and upper 70's/near 80 F for the other stations.

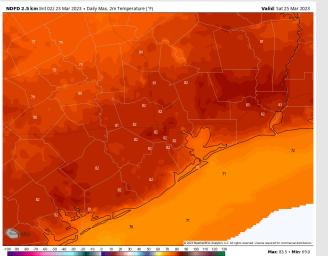
Visibility: Not Although confidence is low, a non-zero risk for reduced visibilities exists in the predawn hours of Saturday before winds shift out of the NW.

Precip Forecast: 5 AM CT



Wind Speed 6 AM CT



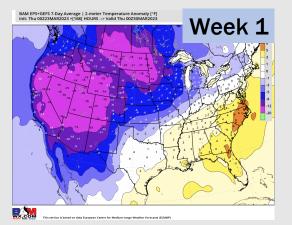


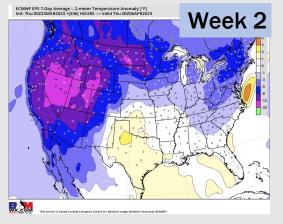
High Temps Saturday

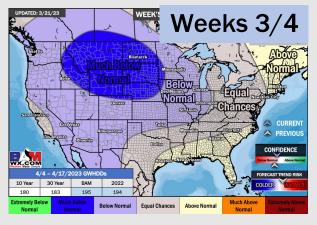
Houston Pilots: 3/23/23

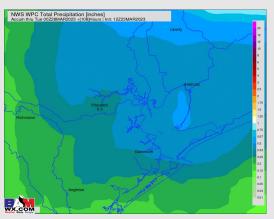


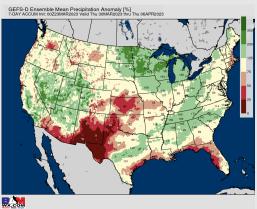


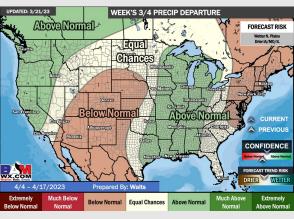












- Rain chances expected to move in over the weekend, continuing into the first part of the week. Temperatures are expected to be slightly above normal over the next seven days.
- Expecting below normal precipitation chances and slightly above normal temperatures extending into the week 2 timeframe.
- Anticipating above normal temperatures and above normal chances for precipitation favored in the week ³/₄ timeframe.