

Houston Pilots Forecast Package



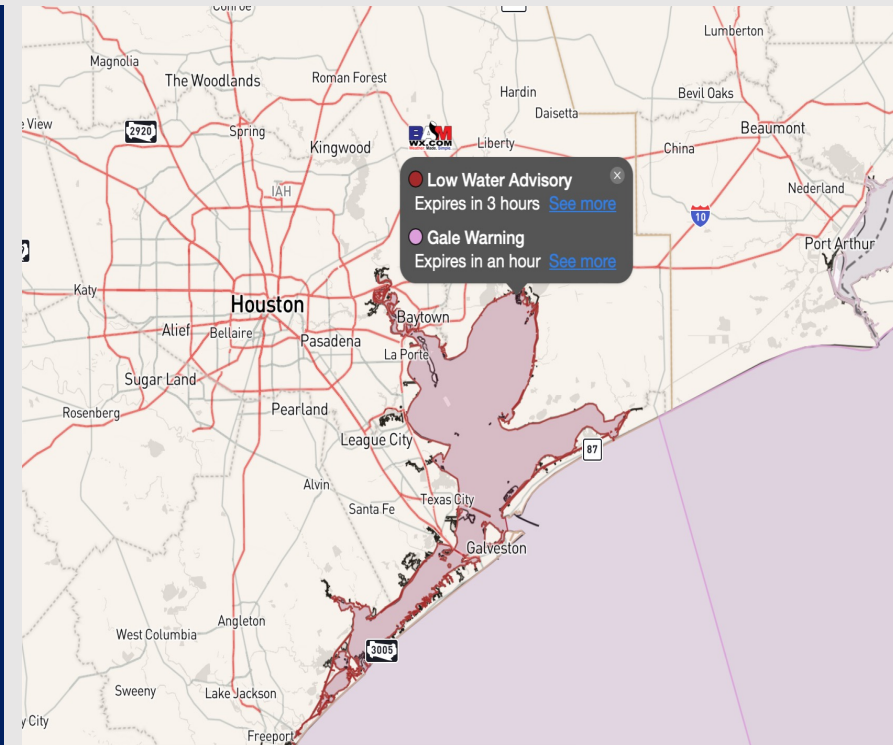
Updated: 3:00 PM CT

Friday, January 12, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- Dry conditions favored for the weekend.
- Not anticipating fog over the next few days.
- **Winds gusts up towards 35 kts could linger through 8 PM at the Boarding Station.**
- **Stronger winds out of the NW will resulting in a risk for Low Water Levels within the Bay.**



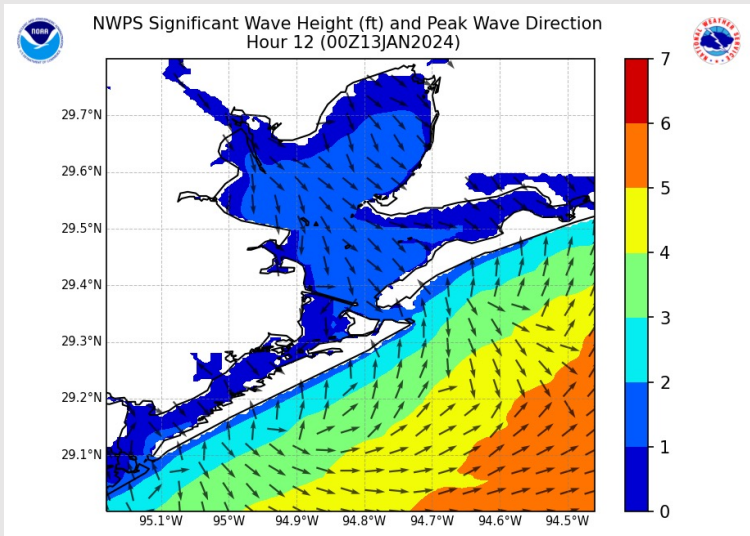
Radar/NWS Alerts: 3:00 PM CT



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.

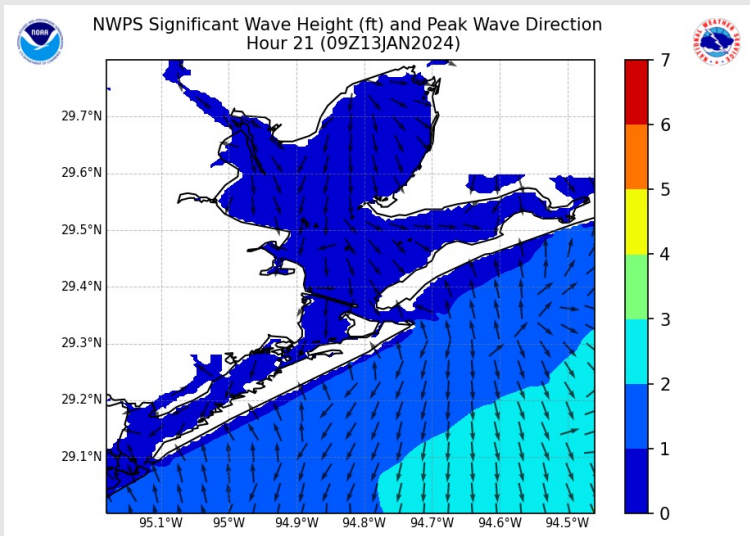
Houston Pilots Wave Height Update

Significant Wave Height Image



6 PM CT FRI

Wave heights at 6 PM-CT will still be at 3 – 4’ for the Boarding Station however continuing to decrease as winds are out of the NW.



3 AM CT SAT

As we continue into the overnight and early AM, wave heights will have decreased to 1 – 2’ at the Boarding Station. **Next risk will be low water levels.**

Houston Pilots Extended Range Visibility Report



Monday 1/15/24

No fog concerns for Monday however some reduced visibilities possible under rain/storms.



Tuesday 1/16/24

No visibility concerns for Tuesday.



Wednesday 1/17/24

No visibility concerns for Wednesday.



Chance for Fog

Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	Sun 2am		
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	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	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	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	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	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	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	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	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	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	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	10	10	10	10	10	10	10	10	10	10	10	
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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	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	10	10	10	10	10	10	10	10	10	10	10	10	9	9

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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	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	
610 Bridge	16	15	13	11	8	5	4	3	2	1	2	2	3	3	3	3	3	3	4	5	7	8	8	8	8	7	6	5	5	4	4	4	3	3	4	4	
	24	23	20	16	12	8	7	5	3	2	3	4	4	4	4	4	4	4	6	8	10	11	11	12	12	11	10	9	8	7	6	6	5	6	6	6	
	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	S	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	S	S	S	S	SSE	SSE	NNE	N	
Kinder 1	16	15	13	11	8	5	4	3	2	1	2	2	3	2	3	3	3	3	4	5	7	8	8	8	8	7	6	5	5	4	4	3	3	4	4		
	24	22	20	16	12	8	7	5	3	2	3	4	4	4	4	4	4	5	6	8	10	11	11	11	11	10	9	8	7	6	6	5	6	6	6		
	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	WSW	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	S	S	S	SSE	SSE	NNE	N		
Greens Bayou	16	14	13	10	8	5	4	3	2	1	2	2	3	2	3	3	3	3	4	5	7	8	8	8	8	7	6	5	4	4	4	3	3	4	4		
	24	22	19	16	12	8	7	5	3	2	3	4	4	4	4	4	5	4	5	6	8	10	11	11	11	11	10	9	8	7	6	6	5	5	6	6	
	NW	NW	NW	NNW	NNW	NNW	NNW	W	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	S	S	S	SSE	SSE	NNE	N		
Shell Crude	16	14	13	11	8	6	5	3	2	1	2	2	3	2	3	3	3	3	4	5	7	8	8	8	8	7	6	5	4	4	4	3	3	4	4		
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	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	WNW	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	S	S	S	SSE	SSE	NNE	N			
Lynchburg Ferries	16	14	13	11	8	6	5	4	2	2	2	3	3	3	3	3	3	3	4	6	7	8	8	9	9	8	7	6	5	5	4	4	3	3	4	4	
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Exxon 3	16	15	13	11	9	7	5	4	3	2	2	3	3	3	4	4	4	4	5	6	7	8	8	9	9	9	8	7	5	5	4	4	4	4	5	5	
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	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NW	ESE	SE	SE	SE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSE	SE	NNE	NNE			
Morgans Point	17	16	15	13	10	8	7	5	3	3	3	4	4	4	5	5	5	6	7	8	9	10	10	10	9	8	6	6	5	5	4	4	4	5	5		
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	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NE	ESE	SE	SE	SE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	SSE	SSE	NNE	NNE				
75/76	19	18	17	15	13	11	9	7	5	3	3	4	5	6	6	7	7	7	8	8	8	8	9	10	10	11	11	9	8	7	6	6	5	5	5		
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	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	ENE	ESE	SE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SSE	ENE	ENE	NNE				
63/64	21	20	19	17	15	13	10	8	6	4	3	4	5	6	6	7	7	8	8	8	8	8	9	10	10	10	9	8	6	5	5	5	5	4	5		
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51/52	22	20	20	18	16	13	10	8	6	4	3	4	5	6	6	7	8	8	8	9	9	9	9	9	9	10	10	9	7	6	4	5	4	5	4	5	
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1 & 2 Bravo	26	25	22	20	18	16	13	11	9	7	7	6	5	6	8	8	9	9	10	10	10	10	10	9	9	9	9	9	9	8	7	6	6	6	6	7	6
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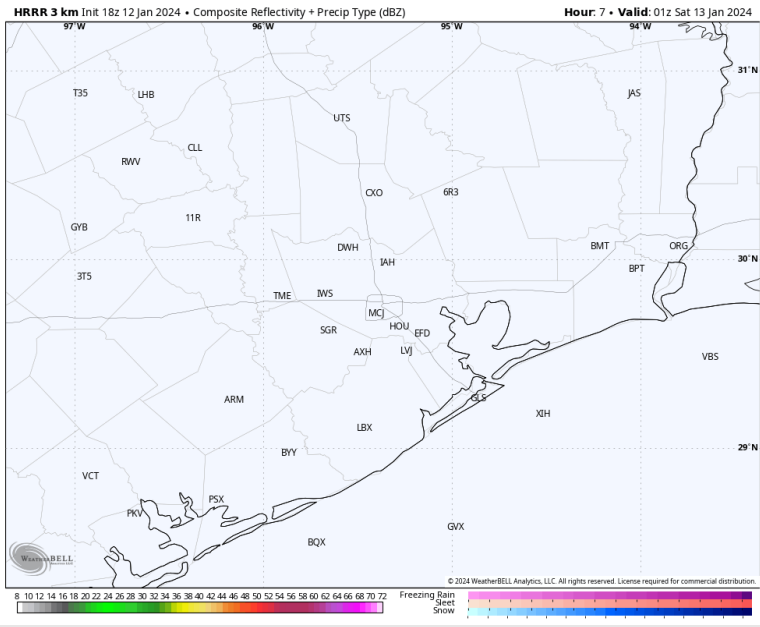
Houston Pilots: Fri. 01/12/2024



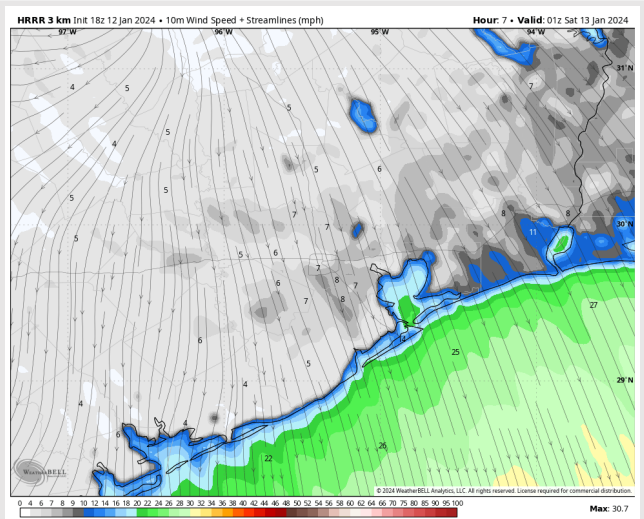
Forecast Discussion

- Precip:** Anticipating dry conditions for the rest of the day.
- Wind:** Winds out of the NW expected for the rest of the day. **N Morgan's Point:** 17-22 kt winds will gradually decrease through the PM, dropping to 5 – 10 kts by 7 PM then continuing for the rest of the day. **S of Morgan's Point:** Winds at 30 - 35 kts will gradually will decrease to 25 - 30 kts by 6 PM and down to 15 – 20 kts by 8 PM. **Wind gusts of 35 will be possible at the Boarding Station until 8 PM.**
- Low Temps:** **N of Morgan's Point:** Upper 30s F. **S of Morgan's Point:** Mid to Upper 40s F.
- Visibility:** Not anticipating visibility concerns the rest of the evening.

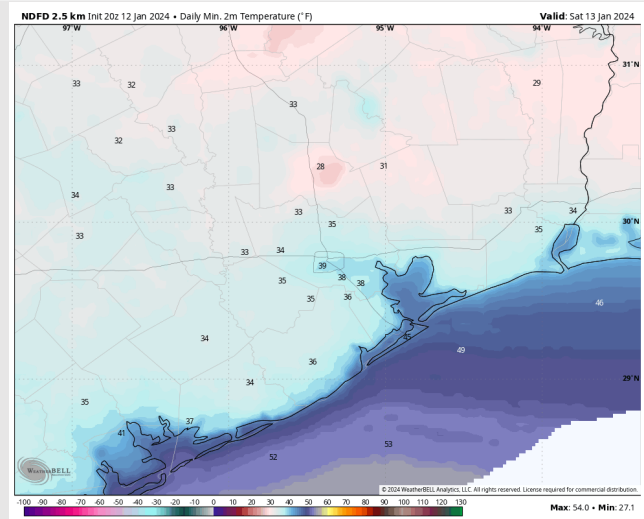
Precip Image: 7 PM CT



Wind Speed:
7 PM CT



Low Temps
Sat AM



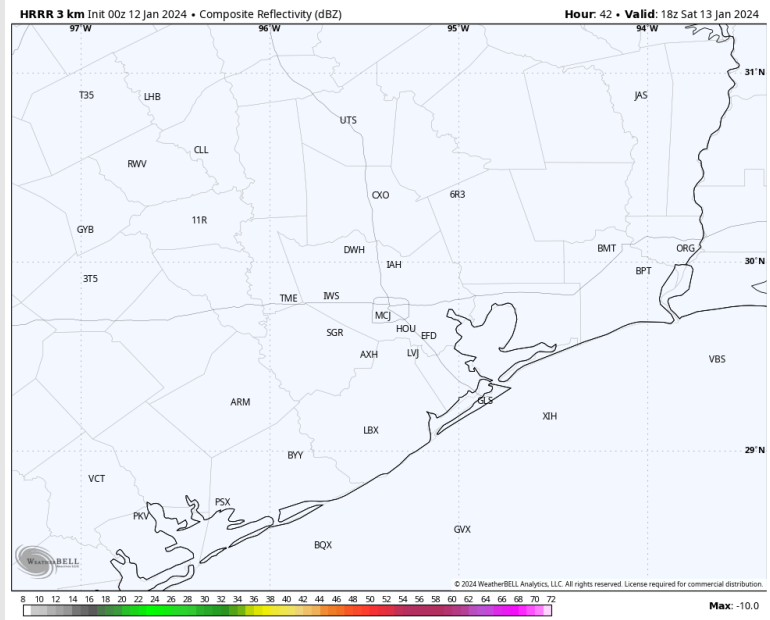
Houston Pilots: sat. 01/13/2024



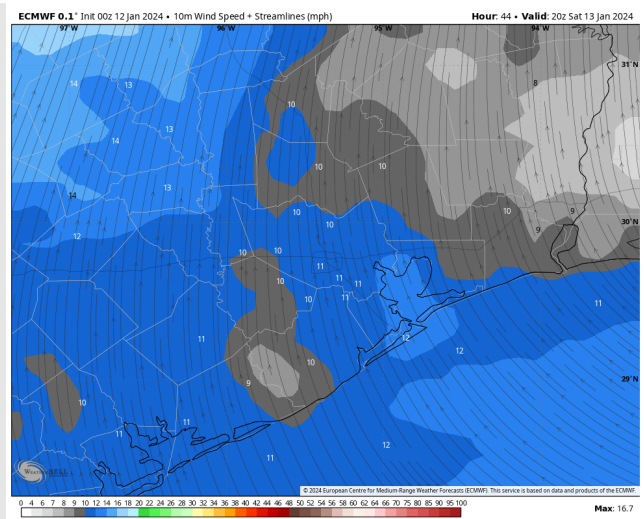
Forecast Discussion

- Precip:** Favoring dry conditions for Saturday.
- Wind:** Winds be variable just after midnight before settling out of the SE by 6 AM. **N Morgan's Point:** 3-8 kts throughout the day with a slight increase to 5-10 kts from 12-6 PM. **S of Morgan's Point:** Winds of 6-11 kts will calm to 3-8 kts by 9 PM, remaining at that clip for the rest of the evening.
- High Temps:** **N of Morgan's Point:** Low 60s F. **S of Morgan's Point:** Upper 50s F.
- Visibility:** No visibility concerns for Saturday.

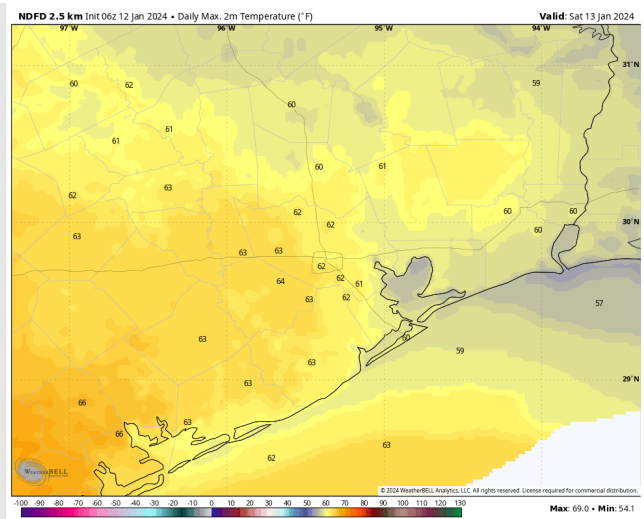
Precip Image: 12 PM CT



Wind Speed:
2 PM CT



High Temps
Saturday



Houston Pilots: Sun. 01/14/2024



Forecast Discussion

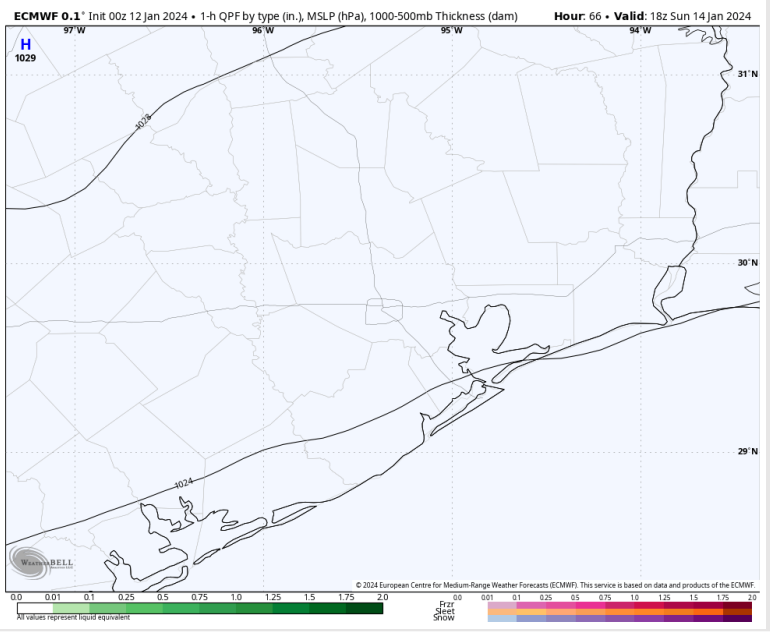
Precip: Dry conditions favored for Sunday.

Wind: Winds will be variable through 6 AM before settling in from out of the NE. **N of Morgan's Point:** Winds will be 3-8 kts before 6 AM before increasing to 7-12 kts the rest of the day. **S of Morgan's Point:** Winds at 3-8 kts until 7 AM before increasing to 12-17 kts the rest of the day. Winds near the Boarding Station will be slightly higher after 7 AM at 17-20 kts **Gusts near 26-29 kts after 7 AM will be possible near the Boarding Station.**

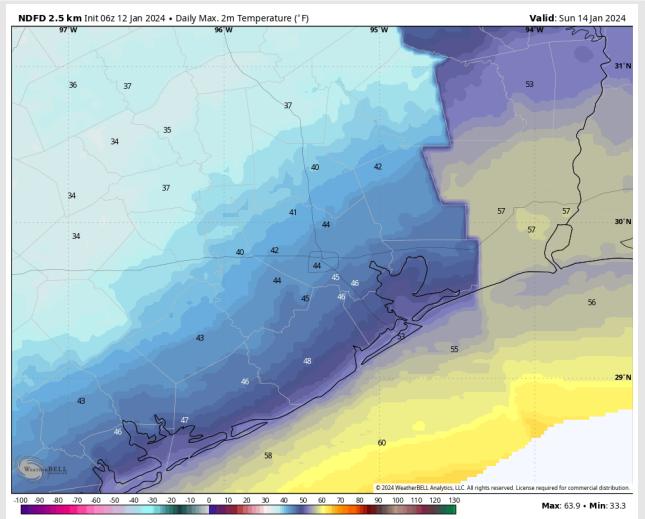
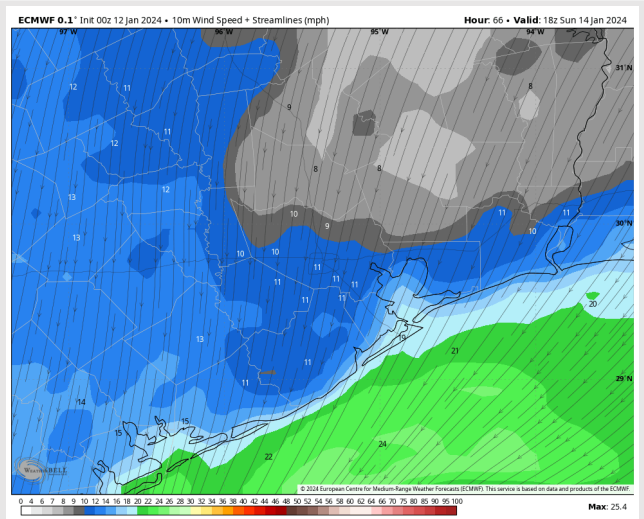
Low Temps: Noticeably cooler **N of Morgan's Point:** Mid 40s F **S of Morgan's Point:** Mid 50s F

Visibility: No visibility concerns for Sunday.

Precip Image: 12 PM CT



Wind Speeds:
12 PM CT

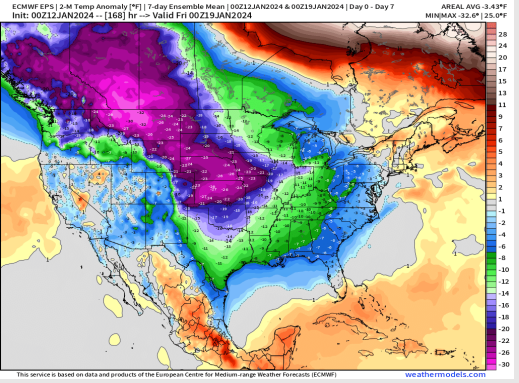


High Temps
Sunday

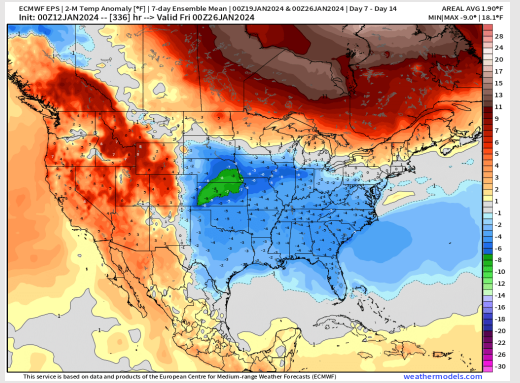
Houston Pilots: 1/12/24



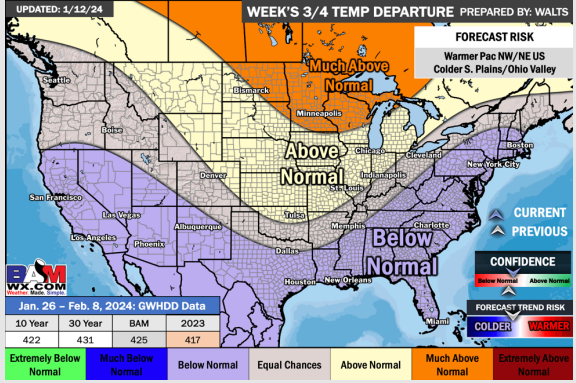
Next 7 Day Temperature Departure



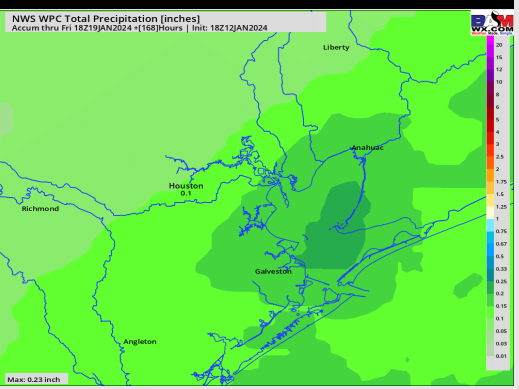
8-14 Day Temperature Departure



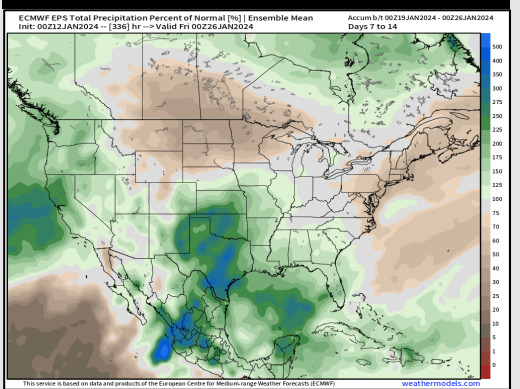
15-30 Day Temperature Departure



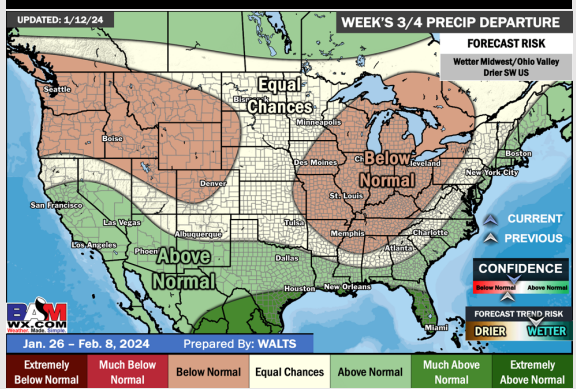
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Next opportunities for rain will come Monday. Much below normal temperatures favored for next week.
- Seasonable to slightly above normal rain 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.