

Houston Pilots Forecast Package



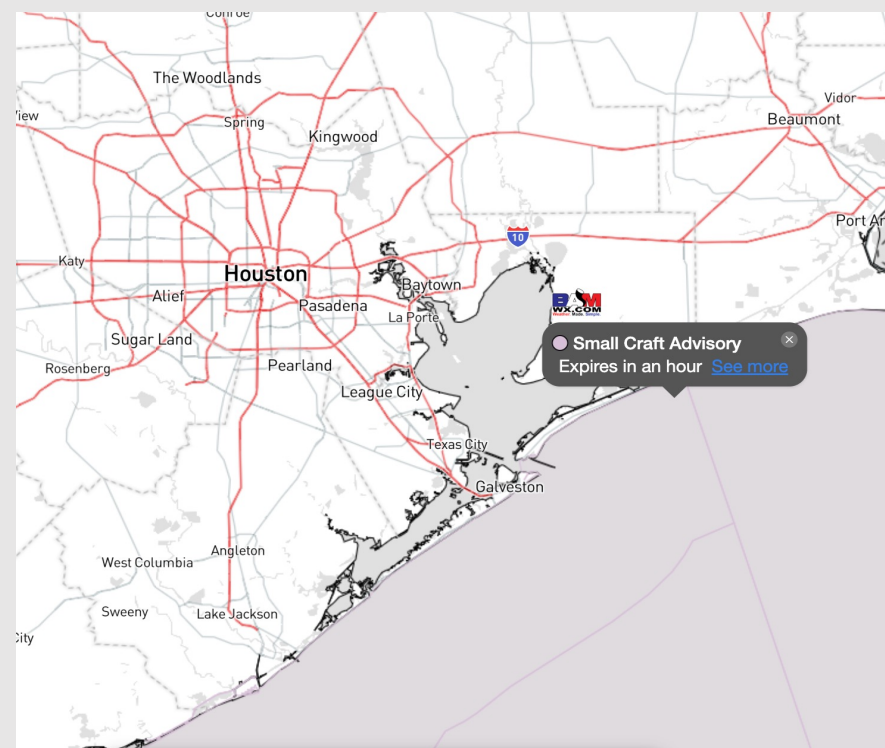
Updated: 1:50 PM CT

Sunday, December 10, 2023

Forecaster: Will Danby

Weather Headlines

- Wind gusts will continue a subsiding trend this afternoon. **Check the Day 1 slide and wind slide below for more details.**
- Due to the strong NW winds today, lower water levels are present across the Bay. Waters can look to fill again once winds flip from the E/SE midday Monday.
- Monday and Tuesday AM hold calm winds of <15 kts. Winds begin to pick back up to 15 -20 Tuesday PM.
- Drier pattern ahead behind this AM's cold front. Next rain chances would not enter until Friday.
- Not favoring any visibility issues over the coming days for fog.



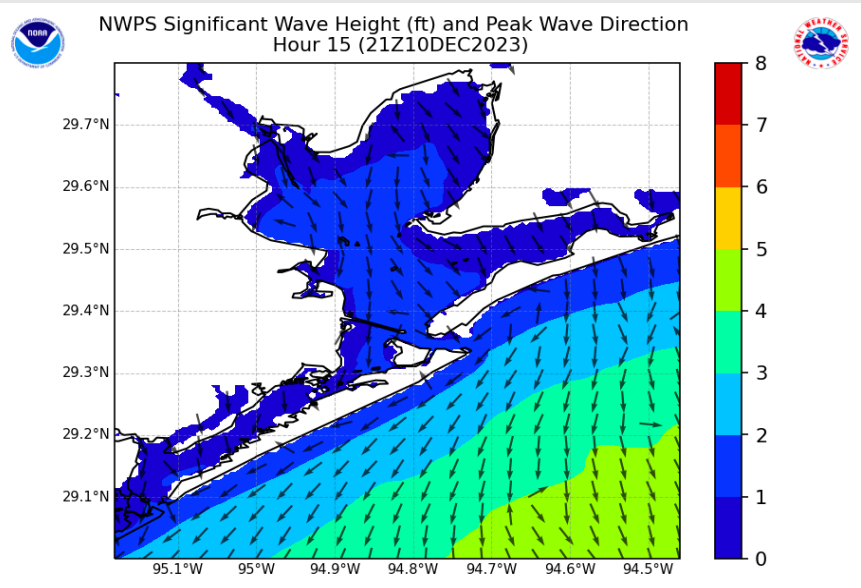
Radar/NWS Alerts: 1:44 PM CT



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.

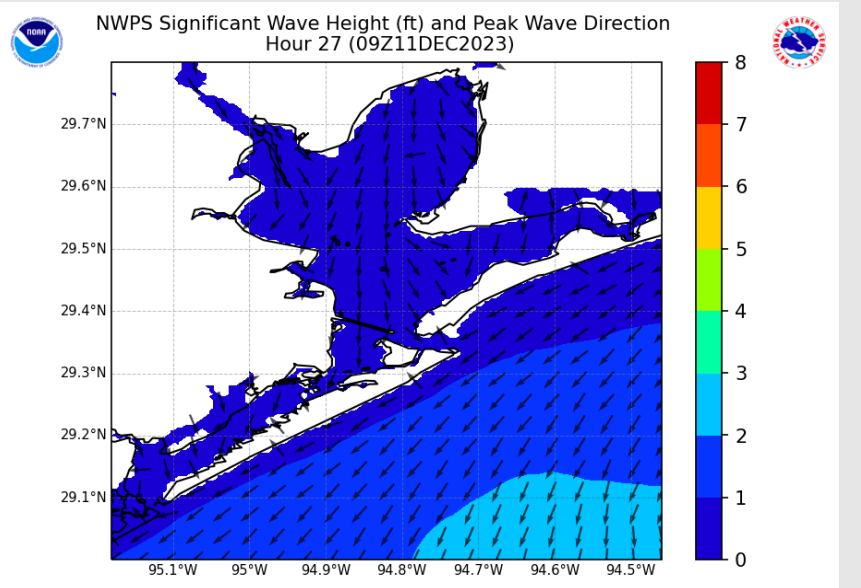
Houston Pilots Wave Height Update

Significant Wave Height Image



3 PM CST Sunday

The top image shows wave heights around 3 PM CT this afternoon. Water levels across the Bay will be receding as NW winds push waters out to sea. Peak heights of 2 -3 feet can be anticipated at the Boarding Station.



3 AM CST Monday

Waters will calm significantly into the late evening/early AM on Monday. Wave heights will be less than 3 feet Monday AM. Shown on the bottom is heights at 3 AM.

Houston Pilots Extended Range Visibility Report



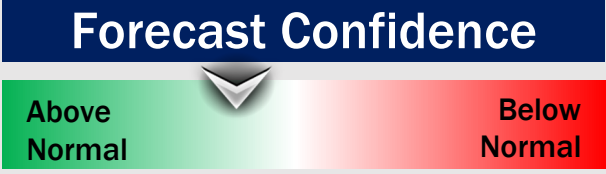
Wednesday 12/13/23

No fog concerns Wednesday.



Thursday 12/14/23

No fog concerns Thursday.



Friday 12/15/23

Pending timing on heavier rains to the west, it would be worth monitoring for sea fog in the AM ahead of rain showers. Low confidence at this distance.



Chance for Fog

Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Possible
Friday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Time	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am		
G10 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	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	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	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	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	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	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	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	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	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	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	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	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	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	10	10

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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	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am
610 Bridge	10 17	10 16	9 14	7 12	5 11	3 8	3 8	3 8	2 6	3 4	3 5	3 4	3 5	2 4	1 1	0 2	1 2	2 3	2 3	3 4	4 5	4 5	3 5	4 5	4 5	5 6	5 7	5 7	5 8	5 8	4 7	4 7	4 6	4 6	3 5	3 5
Kinder 1	10 17	10 16	9 14	7 12	5 11	4 8	3 9	3 8	2 6	3 4	3 5	3 4	3 5	2 4	1 1	0 2	1 2	2 3	2 3	3 4	3 4	4 5	4 5	3 5	4 5	4 5	5 6	5 7	5 7	5 8	4 7	4 7	4 6	4 6	3 5	3 5
Greens Bayou	9 16	10 16	9 14	7 12	5 11	4 8	4 9	3 8	2 6	2 4	3 4	3 5	3 5	2 4	1 1	0 2	1 2	2 3	2 3	3 4	3 4	4 5	4 5	3 5	4 5	4 5	5 6	5 7	5 7	4 7	4 7	4 6	4 6	3 5	3 5	
Shell Crude	9 17	10 16	9 14	7 12	6 12	4 9	4 9	3 8	2 6	2 4	3 4	3 5	3 5	2 4	1 1	1 2	1 2	2 3	2 3	3 4	3 4	4 5	4 5	3 5	4 5	4 5	5 6	5 7	5 7	4 7	4 7	4 6	4 6	3 5	3 5	
Lynchburg Ferries	9 18	10 15	9 14	7 12	5 12	4 9	4 9	3 8	1 6	2 4	3 4	3 5	3 5	2 4	1 1	1 2	2 3	2 3	3 4	3 4	4 5	4 5	4 5	4 5	5 6	5 7	5 7	6 8	6 8	5 7	5 7	4 6	4 6	4 5	4 5	
Exxon 3	10 18	10 16	9 15	8 13	5 12	4 11	4 10	3 9	2 7	3 5	3 5	3 5	3 5	2 4	2 2	2 3	2 3	2 3	3 4	3 4	4 5	4 5	4 5	4 5	5 6	5 7	5 7	6 8	6 8	5 7	5 7	4 6	4 6	4 5	4 5	
Morgans Point	11 17	11 17	10 15	8 13	7 13	6 13	5 10	4 8	4 7	4 6	4 6	4 6	4 5	3 5	2 3	3 4	3 4	3 4	4 5	4 5	5 6	5 6	5 6	5 6	6 7	6 8	6 8	7 9	7 9	6 8	6 8	5 7	5 7	4 6	4 6	
75/76	13 17	13 18	12 17	11 15	10 14	9 14	8 12	8 11	7 10	6 8	6 7	5 6	5 6	4 5	3 4	3 4	3 4	4 5	4 5	5 6	5 6	6 7	6 7	5 7	6 8	6 8	7 10	7 10	6 9	6 9	5 8	5 8	4 7	4 7		
63/64	15 18	14 18	14 15	13 14	11 15	10 13	10 12	9 11	8 11	7 9	6 6	5 6	5 6	4 4	3 4	4 4	4 5	4 5	5 6	5 6	6 7	6 7	5 7	6 8	6 8	7 9	7 9	8 9	8 9	7 8	7 8	6 7	6 7	5 6	5 6	
51/52	15 20	15 18	14 18	13 16	12 15	11 14	11 13	10 12	9 11	8 10	7 8	6 6	5 5	5 5	3 3	3 3	3 4	3 4	4 5	4 5	5 6	5 6	6 7	6 7	5 8	6 8	6 8	7 9	7 9	6 8	6 8	5 7	5 7	4 6	4 6	
37/38	16 21	16 19	15 18	13 17	12 14	11 15	10 14	10 13	9 11	8 7	7 6	6 6	5 5	5 5	3 3	3 4	3 4	4 5	4 5	5 6	5 6	6 7	6 7	5 7	6 8	6 8	7 8	7 8	6 7	6 7	5 6	5 6	4 5	4 5		
25/26	16 22	15 20	14 19	12 17	11 15	10 14	9 13	9 11	7 11	6 8	6 6	5 5	5 5	3 3	3 3	3 4	4 5	4 5	5 6	5 6	6 7	6 7	5 7	6 8	6 8	7 8	7 8	6 7	6 7	5 6	5 6	4 5	4 5			
11/12	16 23	15 20	14 19	12 17	10 14	10 15	9 13	8 11	7 10	6 6	6 6	5 5	5 5	4 4	4 4	4 5	5 6	5 6	6 7	6 7	7 8	7 8	6 8	6 8	7 8	7 8	8 8	8 8	7 7	7 7	6 6	6 6	5 5	5 5		
1 & 2 Bravo	18 23	17 20	18 20	15 18	13 16	14 16	13 14	11 13	10 11	8 7	7 7	6 5	5 5	5 5	5 5	6 6	6 7	6 7	7 7	7 7	8 8	8 8	7 7	7 7	6 6	6 6	7 7	7 7	6 6	6 6	5 5	5 5	4 4	4 4		

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Houston Pilots: Sun. 12/10/2023



Forecast Discussion

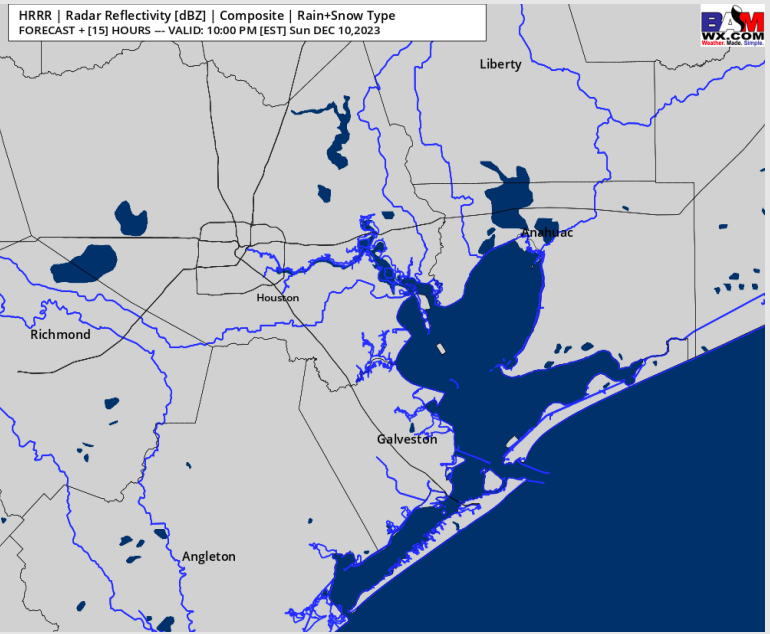
Precip: Dry conditions favored throughout the day after hit/miss showers move out of the area by 3 AM CT.

Wind: NNW winds continue for this afternoon and evening. Winds across all stations will be on a slow decreasing trend for the PM. **N of Morgan's Point:** Winds start at 8 - 12 kts, calming to 3 - 8 kts by 7 PM. **S of Morgan's Point:** 18 - 23 kts to start the afternoon at 2 PM, subsiding to 12 - 17 kts by 5 PM and will then slowly weaken to 6 - 10 kts by midnight. **Wind gusts of up to 22 - 26 kts will be possible through 4 PM mainly south of Morgan's Point. A few gusts to 20 kts can linger at the Boarding Station as late as 7 PM.**

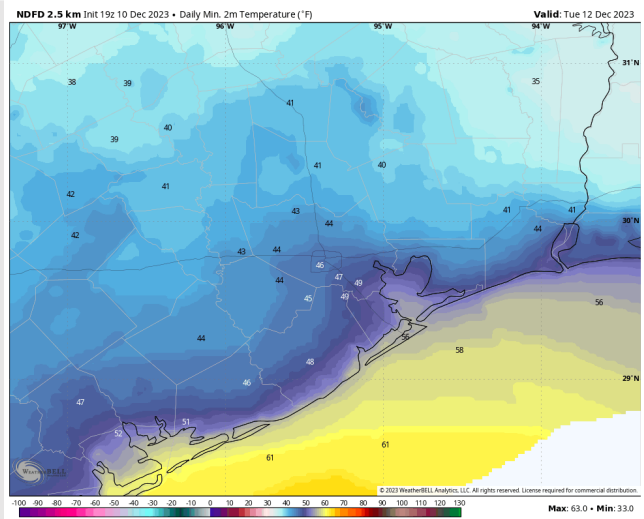
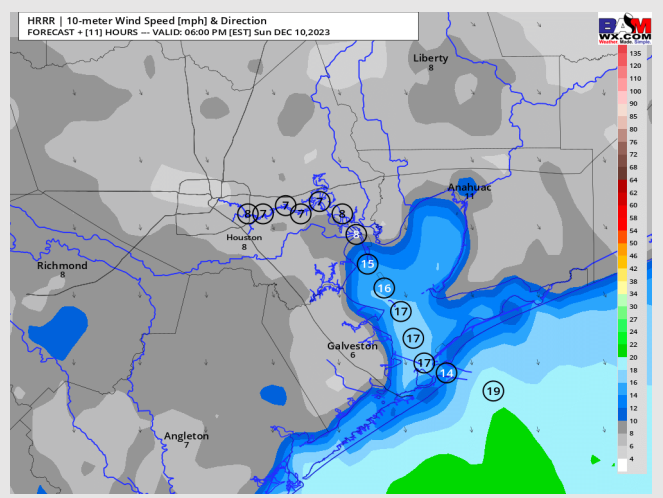
Low Temps: **N of Morgan's Point:** Mid 40s F. **S of Morgan's Point:** Mid 50s F. **Boarding Station:** Upper 50s F

Visibility: Not anticipating any fog concerns today.

Precip Image: 9 PM CT



**Wind Gusts:
5 PM CT**



**Low Temps
Monday AM**

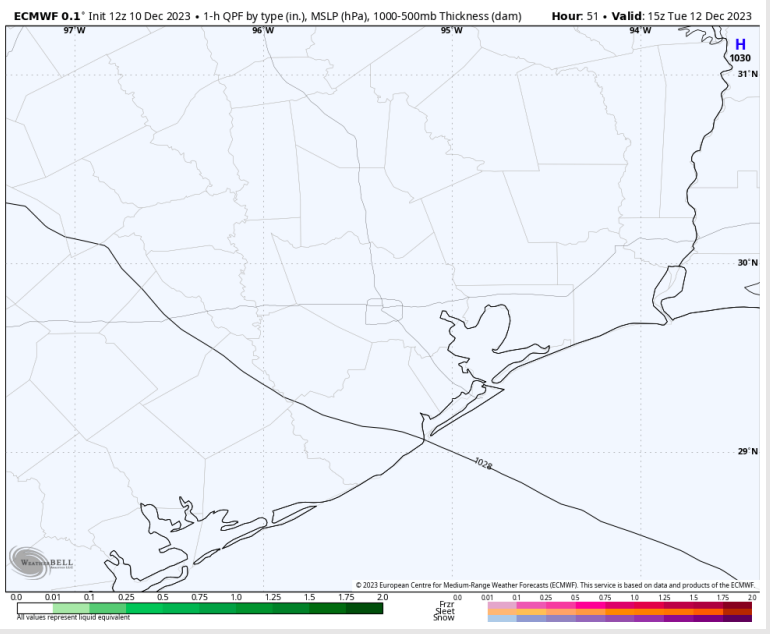
Houston Pilots: Mon. 12/11/2023



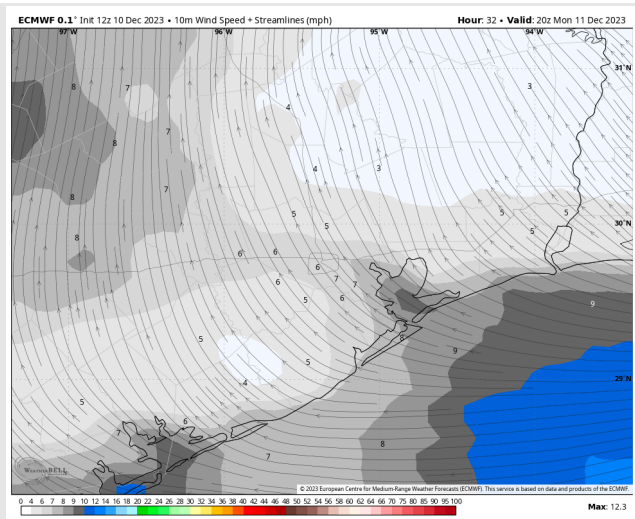
Forecast Discussion

- Precip:** Favoring dry conditions for Monday
- Wind:** Winds will start out from the NW through 2 AM before veering to be out of the SE by 12 PM and remain there the rest of Monday (winds slowly veer clockwise) **N of Morgan's Point:** 3 - 8 kts prior to 2 AM, then 2 - 6 kts afterwards. **S of Morgan's Point:** Winds of 3 - 8 kts through 4 PM. 5 - 10 kts after 4 PM.
- High Temps:** **N of Morgan's Point:** Low 60s F. **S of Morgan's Point:** Low 60s F.
- Visibility:** Not anticipating any visibility concerns Monday.

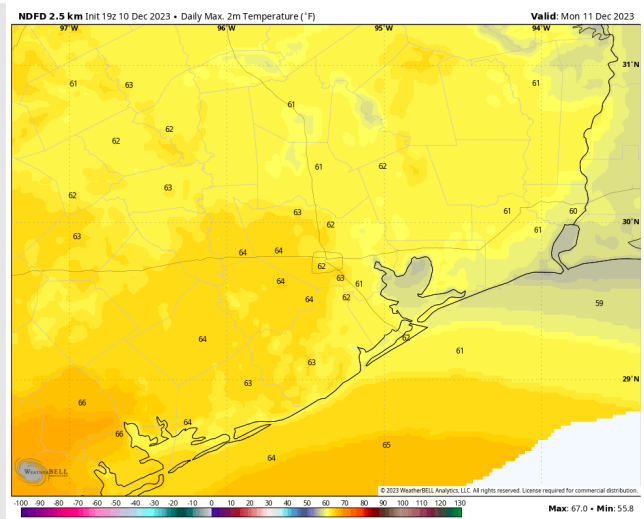
Precip Image: 10 AM CT



Wind Speed:
2 PM CT



High Temps
Monday



Forecast Discussion

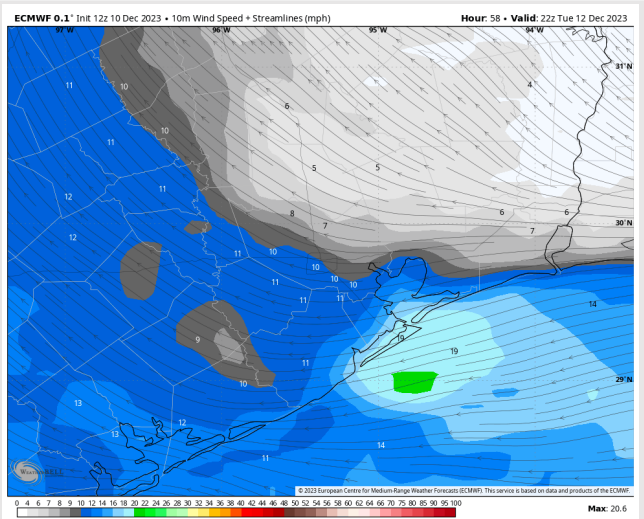
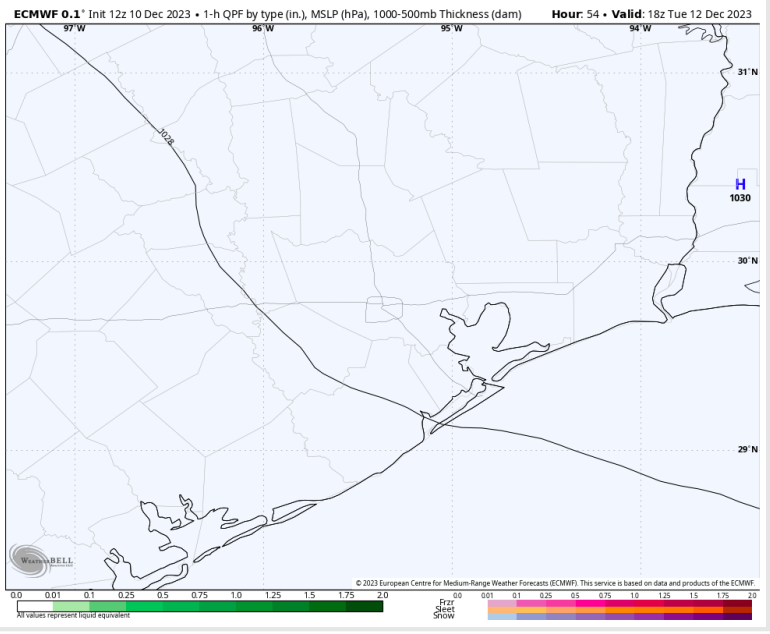
Precip: Favoring dry conditions throughout the day on Tuesday.

Wind: Winds will be out of the SE through 4 AM TUE before shifting to out of the E for the remainder of the day. **N of Morgan's Point:** 4-9 kts through 10 AM before increasing to 7-12 kts for the rest of Tuesday. **S of Morgan's Point:** 7-12 kts through 10 AM, then increasing to 12-17 kts by 3 PM and continuing there the rest of the day (winds will be slightly higher near the Boarding Station at 15 -20 kts post 3 PM). **Gusts of 20-25 kts will be possible after 12 PM S of Morgan's Point.**

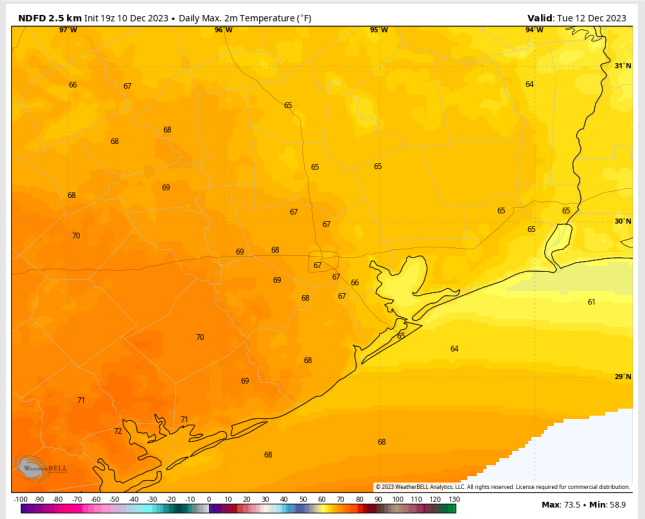
High Temps: **N of Morgan's Point:** Upper 60s F. **S of Morgan's Point:** Mid 60s F

Visibility: No fog concerns expected for Tuesday.

Precip Image: 12 PM CT

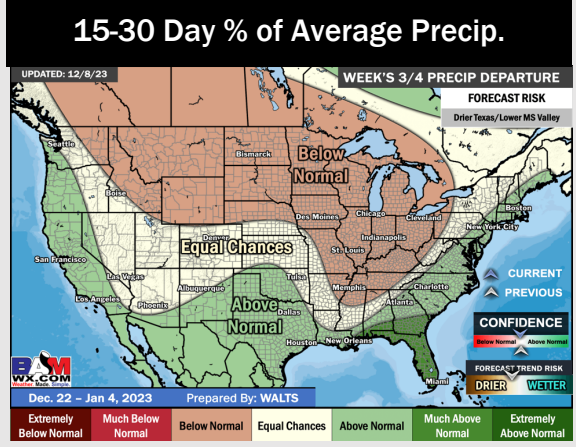
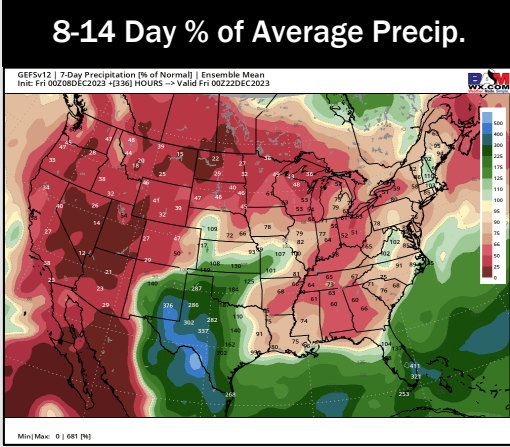
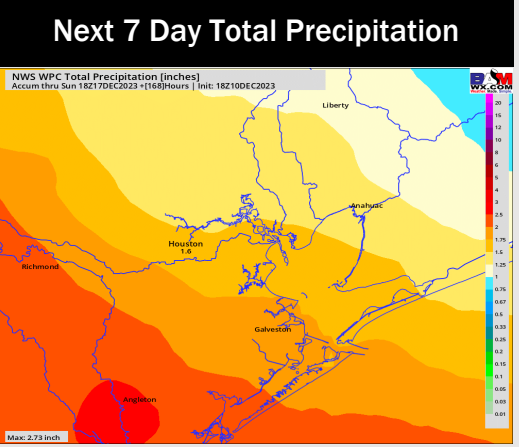
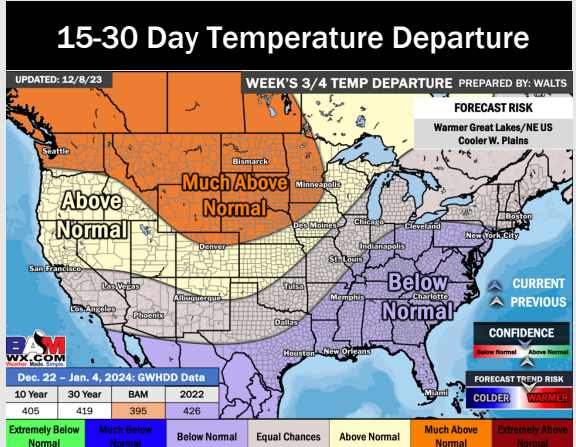
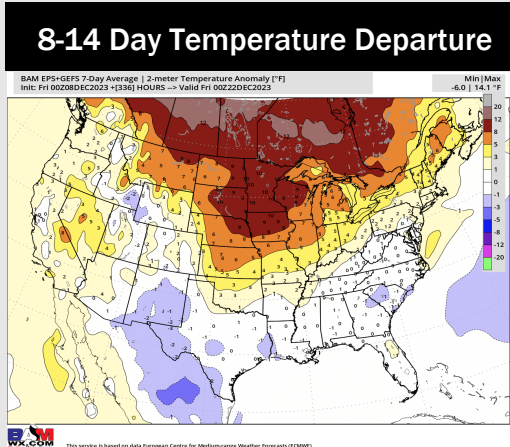
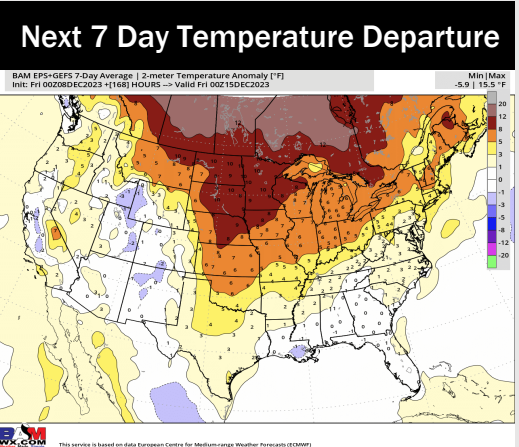


Wind Speed:
4 PM CT



High Temps
Tuesday

Houston Pilots: 12/10/23



- Next best shot at rain will move in next weekend. Seasonal / slightly warmer than normal weather is expected this week.
- Seasonal precipitation chances and temperatures are expected into the week 2 timeframe.
- Below normal temperatures and above normal chances for precipitation are favored in the weeks 3/4 timeframe.