Houston Pilots Forecast Package

Updated: 12:00 PM CT

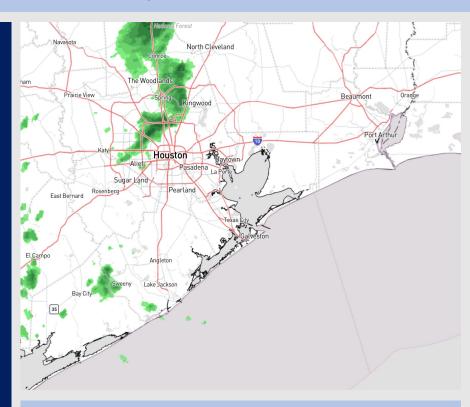
Wednesday, December 13, 2023





Weather Headlines

- Winds will continue to increase over the next
 24 hours, with max wave heights increasing to
 5 7 ft for Boarding Station on Thursday
- A few localized chances of drizzle / light showers before arrival of heavy rain / storm chances associated with a front Friday Evening.
- Not favoring any visibility issues over the coming days for fog. Low end risk for Friday AM continues to be monitored, but likely remains SW of bay area.



Radar/NWS Alerts: 11:30 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 Wave Height Update



The top image shows wave

Thursday afternoon. Winds

heights around 12 PM CT

out of the southeast will

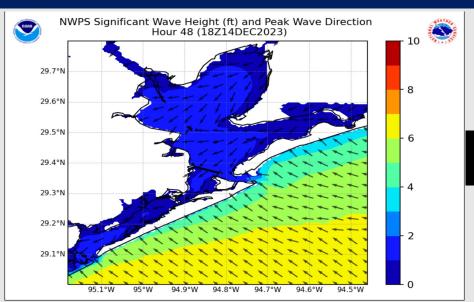
heights for the Boarding

increase max wave

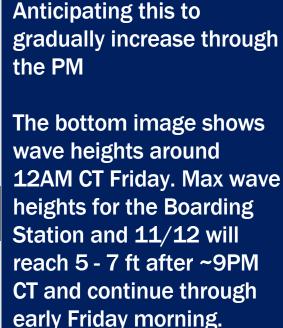
Station to 4 – 5 ft.

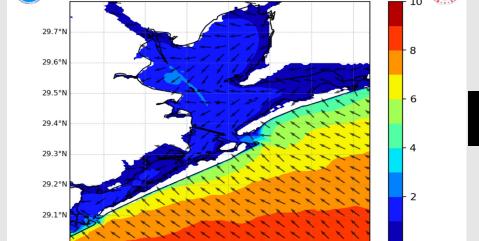


Significant Wave Height Image



12 PM CST Thursday





NWPS Significant Wave Height (ft) and Peak Wave Direction Hour 60 (06Z15DEC2023)

> 12 AM CST Friday

Houston Pilots Extended Range Visibility Report





Saturday 12/16/23

No fog concerns for Saturday, however reduced visibilities under heavier downpours will need to be monitored.

Sunday 12/17/23

No fog concerns for Sunday at this time.

Forecast Confidence

Above Normal

Below Normal

Above Below Normal

Monday 12/18/23

No fog concerns for Monday at this time.

Chance for Fog

Saturday AM

Saturday PM

Sunday AM

Sunday PM

Monday AM

Monday PM

Unlikely

Unlikely

Unlikely

Unlikely

Unlikely

Unlikely

Above Below Normal Normal

Forecast Confidence

Houston Pilots Visibility Chart (miles)





Forecast Confidence

Above Normal

Below Normal

Time		Wed 12pm						Wed 6pm			Wed 9pm	Wed 10pm		Thu 12am		Thu 2am							Thu 9am		Thu 11am		Thu 1pm		Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm		Thu 8pm	Thu 9pm	
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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Houston Pilots Wind Chart





Example

WS: 13

G:18 N



Time	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed		Wed	Thu	Thu	Thu	Thu	Thu	Thu		Thu	Thu	Thu	Thu	Thu		Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu		Thu
Knots	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm
_	8	6	6	6	7	6	5	5	5	5	6	6	6	5	3	7	6	6	7	7	7	7	8	9	8	8	8	8	8	9	8	8	8	9	9	9
610 Bridge	16	12	10	10	10	11	12	12	11	12	14	14	14	11	8	10	9	9	10	10	10	11	12	13	13	13	13	13	13	13	12	12	13	13	15	14
	ENE 8	ENE 7	ENE 5	ENE 6	ENE 6	ENE 6	ENE	NE 5	ENE 5	ENE 5	E 6	E 6	5	5	ENE 3	ENE 7	ENE	ENE	ENE	ENE	ENE	ENE	ENE 8	ENE 9	ENE 8	ENE 8	8	E Q	E Ω	8 8	E Ω	8	E Ω	8	9	E
Kinder 1	17	13	10	10	10	11	11	12	11	11	14	14	13	11	8	10	9	9	10	10	10	11	12	13	12	13	13	13	13	13	12	12	13	13	15	13
	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE	ENE	ENE	E	E	E	ENE	ENE	ENE	ENE	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE	ENE	E	E	E	E	E	E	E	E	E	E
Greens	8	7	5	6	6	6	4	4	5	5	6	6	5	4	3	6	6	6	6	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	9	9
Bayou	17	13	10	10	11	11	11	10	11	11	13	14	12	10	8	10	9	9	10	10	10	11	12	12	12	12	12	12	13	13	12	12	13	13	15	13
_	ENE 8	ENE 7	ENE 6	ENE 6	ENE 6	ENE 6	NE 4	NE 4	ENE 5	ENE	6	E 6	ENE 5	ENE	ENE 3	ENE	ENE	ENE	ENE 6	ENE	NE 7	ENE	ENE 8	ENE 9	ENE 8	ENE 8	8	E Q	E 0	E 0	E Ω	E 8	E Q	9	10	E
Shell Crude	16	14	10	10	11	12	11	10	10	11	13	14	12	10	8	10	9	9	10	10	10	11	12	12	12	13	13	13	13	13	12	12	13	13	15	13
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Lynchburg	8	7	6	6	7	6	4	4	5	4	5	6	4	4	3	7	7	7	7	7	7	8	8	9	9	8	8	9	9	9	8	8	8	9	10	9
Ferries	16	14	11	10	11	12	11	9	11	11	13	13	11	10	8	10	10	10	10	10	10	11	12	12	12	12	13	13	13	13	12	11	12	13	15	13
	ENE	ENE	ENE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE	E	ENE	ENE	NE	ENE	ENE	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE	ENE	E	E	E	E 10	E	E	E	E	E	E
Exxon 3	8 16	14	6 11	6 10	11	6 12	11	9	11	5 12	5 12	13	4 12	9	3 8	8 11	8 10	10	8 11	8 11	8 11	8 11	9 13	9 12	9 13	9 13	9 13	13	9 13	10 13	9 13	9 12	9 12	9 13	11 15	10 14
Exxon 3	ENE	ENE	ENE	NE	ENE	ENE	NE	NE	ENE	FNF	ENE	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE	FNF	F	F	F	F	F	E	E	F	F	E
Mannana	8	8	7	7	7	6	4	4	6	6	7	8	7	7	6	10	10	10	10	10	10	10	10	10	10	9	10	10	10	11	11	10	10	11	12	11
Morgans Point	16	15	13	12	12	13	11	9	11	12	12	15	13	11	10	13	12	12	12	12	12	13	13	13	13	13	14	14	14	15	14	13	13	14	15	14
Font	ENE	ENE	ENE	NE	ENE	ENE	NE	NE	NE	ENE	ENE	ENE	E	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	E	E	E	E	E	ENE	E	E
75/76	11	11 16	9	8	8	7	5	6	8	9	10 14	12	11	11	10	14	14	14	14	14	14	13	13 15	12	12	10	11	11	12	13	13	13	13	13	14	14
75/76	17 ENE	ENE	14 NE	14 NE	14 NE	14 NE	10 NE	10 NE	12 NE	13 ENE	ENE	16 ENE	15 F	14 ENE	13 ENE	16 ENE	15 ENE	16 ENE	16 ENE	16 ENE	15 ENE	15 ENE	ENE	14 ENE	14 ENE	14 ENE	15 ENE	15 F	16 F	16 F	15 F	15 F	15 F	15 ENE	16 F	16 F
	11	11	9	9	8	7	4	5	8	9	10	12	12	11	11	15	15	15	16	16	15	15	14	13	12	11	11	12	12	13	14	14	14	14	14	15
63/64	16	16	13	14	15	13	9	8	12	13	14	16	15	14	13	16	16	17	17	17	17	16	16	15	14	14	15	15	16	16	16	16	16	16	16	16
	ENE	ENE	NE	NE	NE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	E	E	Е	E	E	ENE	Е	E									
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51/52	16 ENE	16 ENE	13 ENE	12 NE	13 NE	13 ENE	10 ENE	9	11 NE	14 ENE	15 ENE	18 ENE	17 ENE	15 ENE	15 ENE	15 ENE	15 ENE	16 ENE	16 ENE	16 ENE	16 ENE	16 ENE	15 ENE	15 ENE	14 ENE	15 ENE	15 ENE	16	16	16	16 F	16 E	16 F	16 ENE	16 F	16
	11	10	ene 9	NE 8	6	ENE 8	6	NE 5	NE 7	ene 9	10	11	10	ene 9	ene 9	ENE 14	14	14	15	15	15	15	14	14	14	ENE 13	14	14	14	14	15	15	14	14	14	16
37/38	16	16	15	14	13	16	15	13	14	16	17	20	18	18	17	15	15	16	16	17	16	16	16	15	15	16	16	17	17	17	17	17	17	16	17	17
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	11	12	11	10	10	11	9	7	8	9	10	11	11	11	10	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15
25/26	16	17	17	17	17	19	18	16	16	17	18	20	19	19	17	15	15	15	15	16	16	16	16	16	16	16	17	17	18	18	18	18	18	17	18	18
	ENE 12	ENE 13	ENE	ENE	1/I	12	11	ENE	ENE	ENE	ENE	ENE 13	E	12	12	ENE 14	ENE 14	ENE 14	ENE 1/I	ENE 14	ENE 14	ENE 15	ENE 14	ENE 14	ENE 15	ENE 14	ENE	ENE 15	ENE 15	E 15	15	15	15	15	16	16
11/12	17	17	14 18	14 19	14 20	13 20	19	10 18	10 17	10 18	19	13 21	13 21	13 19	12 18	16	16	16	16	16	16	16	16	16	17	17	15 17	15 18	15 18	15 18	15 19	15 18	15 19	15 18	16 19	19
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	15	15	16	17	18	17	15	14	14	14	15	16	18	17	15	18	19	19	19	19	19	18	18	18	18	17	18	18	18	19	19	19	19	19	20	21
1 & 2 Bravo		17	18	21	21	21	20	20	19	18	20	21	22	20	18	20	20	20	20	20	20	20	20	19	20	19	19	19	20	20	21	20	21	21	22	22
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Houston Pilots: Wed. 12/13/2023





Forecast Discussion

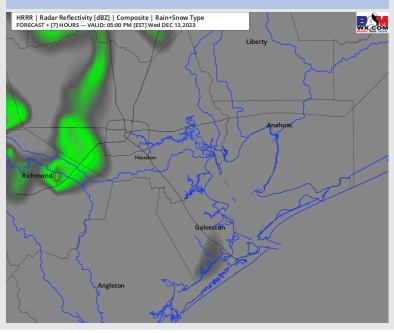
Precip: Scattered pockets of drizzle will be possible from the 610 Bridge to Morgan's Point through 6 PM. After 6 PM, chances for precip will become very isolated in nature while also remaining light.

Wind: Winds will be out of the E for most the rest of the day. N of Morgan's Point: 10-15 kts through 5 PM, then winds will decrease to 5 – 10 kts for the rest of the evening. S of Morgan's Point: Winds will continue at 13 - 18 kts between Morgan's Point and stations 25/26 for the rest of the day (outside of a brief decrease to 8-13 from 6 – 8 PM). For 11/12 and the Boarding Station, winds are more elevated at 18 - 23 kts through the PM. Wind gusts of 24-28 kts will be possible S of Morgan's Point through 4 PM, then maximum gusts of 26 kts will be possible.

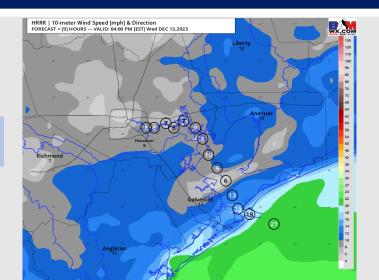
Low Temps: N of Morgan's Point: Low 50s F. S of Morgan's Point: Mid to Upper 50s F

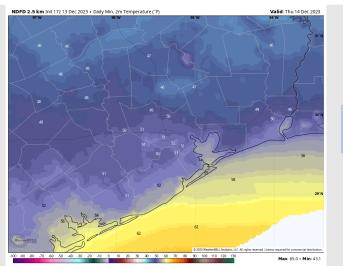
Visibility: Not anticipating any fog concerns for today.

Precip Image: 4 PM CT



Wind Speed: 3 PM CT





Low Temps Thu AM

Houston Pilots: Thu. 12/14/2023





Forecast Discussion

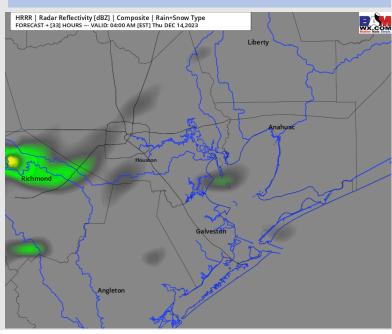
Precip: Low end risk (10% chance) for patchy drizzle through 6AM, with dry air near the surface keeping this risk fairly localized. Most locations will remain fully dry.

Wind: Winds will start out of the E / ENE and continue that way for the remainder of the day. N of Morgan's Point: Winds will be 7-12 kts for the entire day. S of Morgan's Point: 11 - 16 kts for the entire day outside of a brief window from 9 AM - 4 PM (winds at 9 - 14 kts). 11/12 and Boarding Station winds at 17 - 22kts. Gusts of up to 20- 22 kts North of Morgan's Point after 9 AM and up to 22 - 26 kts at 11/12 and the Boarding Station. Best opportunity arrives between 4PM and beyond for gusts locally of up to 28kts for 11/12 and Boarding Station.

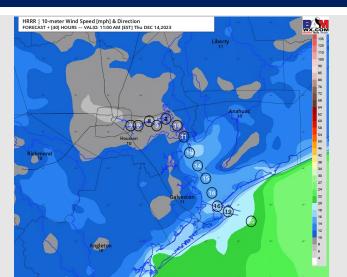
Temps: N of Morgan's Point: Mid 60s F. S of Morgan's Point: Low to mid 60s F.

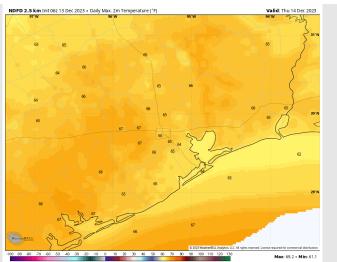
Visibility: Not anticipating any visibility concerns for Thursday

Precip Image: 3 AM CT



Wind Speed: 10 AM CT





High Temps Thursday

Houston Pilots: Fri. 12/15/2023





Forecast Discussion

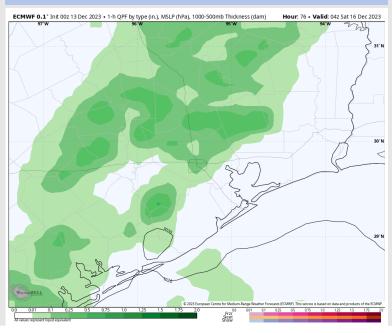
Precip: Low end chances (20%) for scattered showers during the AM hours. Heavy Rain / Storms possible after 10PM as front approaches.

Wind: Winds will continue to remain out of the E through 8PM before veering out of the ESE prior to arrival of front. N of Morgan's Point: Winds will be 8-13 kts for the entire day. S of Morgan's Point: 11 - 16 kts for the entire day. Gusts of up to 20 kts North of Morgan's Point and up to 22 - 26 kts at 11/12 and the Boarding Station.

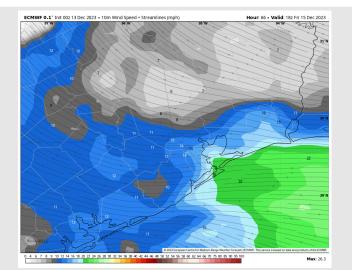
High Temps: N of Morgan's Point: Mid 60s F. S of Morgan's Point: Low to mid 60s F.

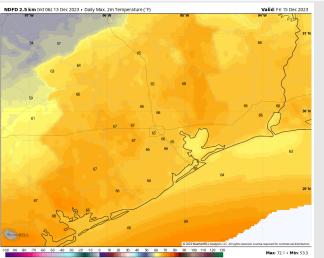
Visibility: Confidence a bit lower, but favoring sea fog risks to remain southwest of the bay area during both morning and afternoon hours prior to arrival of cold front.

Precip Image: 10 PM CT



Wind Speed: 12 PM CT



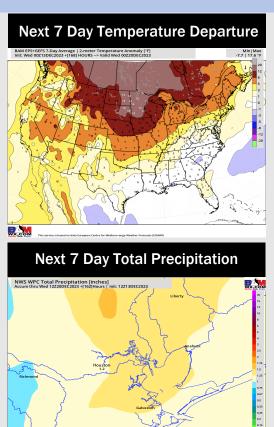


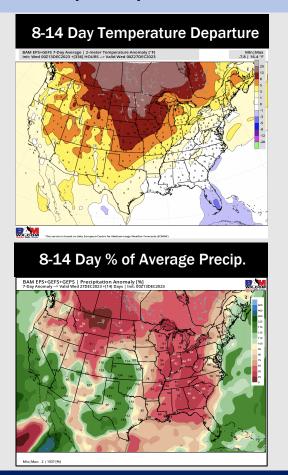
High Temps Friday

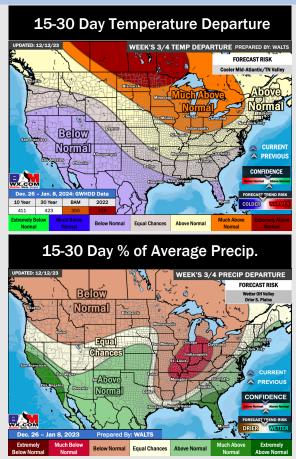
Houston Pilots: 12/13/23











- Next best shot at rain will move in this Friday afternoon into Saturday morning. Seasonal/ Near normal temperatures favored.
- Below normal precipitation chances and seasonal/slightly above normal temperatures are expected into the week 2 timeframe.
- ➤ Below normal temperatures and slightly above normal chances for precipitation are favored in the weeks ³⁄₄ timeframe.