# **Houston Pilots Forecast Package**

Updated: 12:00 PM CT Saturday, April 19, 2025

**Forecaster: Adam Feick** 



### **Weather Headlines**

- Watching for gusts up to 30 kts through the weekend.
- No fog is expected for the foreseeable future.
- Zulu Port Trigger is in effect for the Boarding Station due to 6-7' wave height potential. See slides below!



### Current Radar: 11:45 AM CT



As always, please do not hesitate to reach out to us with any forecast questions at (317)-560-8122. Press 1 for forecast questions.

You can also access real-time forecast updates and 24/7 meteorological chat assistance on your <u>Clarity</u> app. Click <u>here</u> for login assistance.

### **Houston Pilots Port Trigger Update**



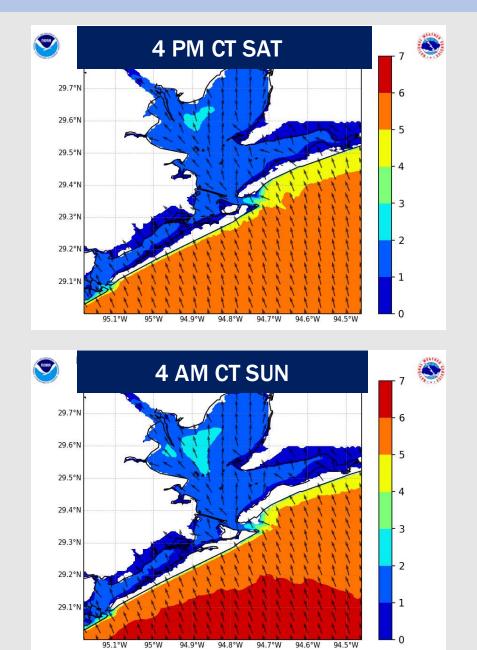
| Port Condition | 34 KTS+ Sustained Wind<br>Trigger Reached at: | 6 Foot Wave<br>Trigger Reached at:            | Time Remaining/Trigger Ends<br>At: |
|----------------|---|---|------------------------------------|
| Victor         |   |   |                                    |
| Whiskey        |   |   |                                    |
| X-Ray          |   |   |                                    |
| Yankee         |   |   |                                    |
| Zulu           |   | CURRENT                                       | 12 PM SUN                          |
| Port Condition | Trigger                                       | Definition                                    | Trigger Reached?                   |
| Victor         | Hurricane entering/developing in Gu           | e area N/A                                    |                                    |
| Whiskey        | 72 hours prior to predicted                   | N/A   |                                    |
| X-Ray          | 48 hours prior to predicted sustained         | neight PAST                                   |                                    |
| Yankee         | 24 hours prior to predicted sustained         | ed winds of 34+ KTS or <mark>6' wave h</mark> | neight PAST                        |
| Zulu           | 12 hours prior to predicted sustaine          | neight YES                                    |                                    |

#### NOTES:

Due to elevated winds and strong gusts through the weekend, max wave heights are expected to increase to 6' for the Boarding Station will persist through 12 PM Sunday. Max heights may briefly reach 7' between 1 - 7 AM Sunday.

## **Wave Height Forecast Update**





Elevated winds and strong wind gusts are anticipated to allow wave heights to reach 6' at the Boarding Station the rest of today and will persist through 12 PM Sunday.

Max heights may briefly reach 7' between 1 – 7 AM Sunday.

Wave heights of 3 – 5' at the Boarding Station are anticipated to continue through much of Monday.

## Houston Pilots Visibility Chart (miles)



|                                      |             |             |             |             |             |             | Forecast Confidence |             |             |              |              |              |             |               |             |             |             |             |             |             |             |              |              |              |
|--------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|--------------|--------------|--------------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
|                                      |             |             |             |             |             |             | Above<br>Normal     |             |             |              |              |              |             | Below<br>orma |             |             |             |             |             |             |             |              |              |              |
| Visibility                           | Sat<br>1 pm | Sat<br>2 pm | Sat<br>3 pm | Sat<br>4 pm | Sat<br>5 pm | Sat<br>6 pm | Sat<br>7 pm         | Sat<br>8 pm | Sat<br>9 pm | Sat<br>10 pm | Sat<br>11 pm | Sun<br>12 am | Sun<br>1 am | Sun<br>2 am   | Sun<br>3 am | Sun<br>4 am | Sun<br>5 am | Sun<br>6 am | Sun<br>7 am | Sun<br>8 am | Sun<br>9 am | Sun<br>10 am | Sun<br>11 am | Sun<br>12 pm |
| Houston Pilots N - 610 Bridge        | 9           | 9           | 9           | 9           | 9           | 9           | 7.9                 | 6.9         | 6.9         | 6.9          | 6.9          | 6.9          | 6.9         | 6.9           | 6.9         | 6.9         | 6.9         | 9           | 9           | 6.9         | 5.9         | 5.9          | 6.9          | 6.9          |
| Houston Pilots M - Kinder 1          | 10          | 10          | 10          | 10          | 10          | 10          | 7.9                 | 6.9         | 6.9         | 7.9          | 7.9          | 6.9          | 7.9         | 7.9           | 6.9         | 6.9         | 7.9         | 9           | 10          | 7.9         | 6.9         | 6.9          | 6.9          | 7.9          |
| Houston Pilots L - Greens Bayou      | 10          | 10          | 10          | 10          | 10          | 10          | 10                  | 7.9         | 6.9         | 9            | 9            | 7.9          | 9           | 9             | 7.9         | 7.9         | 7.9         | 10          | 10          | 9           | 6.9         | 6.9          | 6.9          | 9            |
| Houston Pilots K - Shell Crude       | 10          | 10          | 10          | 10          | 10          | 10          | 10                  | 7.9         | 6.9         | 9            | 9            | 9            | 9           | 9             | 9           | 7.9         | 9           | 10          | 10          | 9           | 6.9         | 6.9          | 7.9          | 10           |
| Houston Pilots J - Lynchburg Ferries | 10          | 10          | 10          | 10          | 10          | 10          | 10                  | 7.9         | 7.9         | 9            | 9            | 9            | 9           | 9             | 9           | 7.9         | 10          | 10          | 10          | 9           | 6.9         | 6.9          | 7.9          | 9            |
| Houston Pilots I - Exxon 3           | 10          | 10          | 10          | 10          | 10          | 10          | 10                  | 7.9         | 7.9         | 9            | 10           | 9            | 9           | 9             | 9           | 7.9         | 10          | 10          | 10          | 9           | 6.9         | 6.9          | 9            | 10           |
| Houston Pilots H - Morgans Point     | 10          | 10          | 10          | 10          | 10          | 10          | 10                  | 7.9         | 7.9         | 9            | 10           | 9            | 9           | 9             | 9           | 7.9         | 10          | 10          | 10          | 9           | 6.9         | 6.9          | 9            | 10           |
| Houston Pilots G - 75/76             | 9           | 9           | 6.9         | 7.9         | 6.9         | 6.9         | 5.9                 | 4.9         | 4.9         | 6.9          | 6.9          | 6.9          | 6.9         | 6.9           | 6.9         | 5.9         | 6.9         | 6.9         | 6.9         | 6.9         | 4.9         | 4.9          | 6.9          | 10           |
| Houston Pilots F - 63/64             | 9           | 7.9         | 6.9         | 6.9         | 6.9         | 6.9         | 5.9                 | 4.9         | 4.9         | 6.9          | 6.9          | 6.9          | 6.9         | 6.9           | 6.9         | 5.9         | 6.9         | 6.9         | 6.9         | 6.9         | 4.9         | 4.9          | 6.9          | 10           |
| Houston Pilots E - 51/52             | 6.9         | 6.9         | 6.9         | 6.9         | 6.9         | 6.9         | 4.9                 | 4.9         | 4.9         | 5.9          | 6.9          | 6.9          | 6.9         | 6.9           | 5.9         | 5.9         | 6.9         | 6.9         | 6.9         | 5.9         | 4.9         | 4.9          | 6.9          | 10           |
| Houston Pilots D - 37/38             | 6.9         | 6.9         | 6.9         | 6.9         | 6.9         | 6.9         | 4.9                 | 4.9         | 4.9         | 5.9          | 5.9          | 5.9          | 6.9         | 6.9           | 5.9         | 4.9         | 6.9         | 6.9         | 6.9         | 5.9         | 3.9         | 4.9          | 5.9          | 10           |
| Houston Pilots C - 25/26             | 6.9         | 6.9         | 6.9         | 6.9         | 6.9         | 5.9         | 4.9                 | 4.9         | 4.9         | 5.9          | 5.9          | 5.9          | 5.9         | 6.9           | 5.9         | 4.9         | 5.9         | 6.9         | 6.9         | 4.9         | 3.9         | 4.9          | 5.9          | 9            |
| Houston Pilots B - 11/12             | 6.9         | 6.9         | 6.9         | 6.9         | 5.9         | 5.9         | 4.9                 | 4.9         | 4.9         | 5.9          | 5.9          | 5.9          | 5.9         | 5.9           | 5.9         | 4.9         | 5.9         | 5.9         | 6.9         | 4.9         | 3.9         | 4.9          | 5.9          | 9            |
| Houston Pilots A - 1 & 2 Bravo       | 5.9         | 4.9         | 4.9         | 4.9         | 4.9         | 4.9         | 3.9                 | 3.9         | 3.9         | 4.9          | 5.9          | 5.9          | 5.9         | 5.9           | 4.9         | 4.9         | 5.9         | 5.9         | 5.9         | 4.9         | 3.9         | 4.9          | 5.9          | 9            |

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only

# **Houston Pilots Wind Chart**



|                                      | Forecast Confidence  |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | Sus                  | staine               | ed Wi                | nd 1(                | Example              |                      |                      |                      |               |                |                      |
|--------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------|----------------|----------------------|
|                                      | Above<br>Normal      |                      |                      |                      |                      | Below<br>Normal      |                      |                      |                      |                      |                      |                      |                      |                      | sts 15               |                      | +                    | 10<br>15             |                      |                      |                      |               |                |                      |
|                                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      | vvind                | d fron               | n the                |                      | K K                  |                      |                      |               |                |                      |
| Wind                                 | Sat<br>1 pm          | Sat<br>2 pm          | Sat<br>3 pm          | Sat<br>4 pm          | Sat<br>5 pm          | Sat<br>6 pm          | Sat<br>7 pm          | Sat<br>8 pm          | Sat<br>9 pm          | Sat<br>10 pm         | Sat<br>11 pm         | Sun<br>12 am         | Sun<br>1 am          | Sun<br>2 am          | Sun<br>3 am          | Sun<br>4 am          | Sun<br>5 am          | Sun<br>6 am          | Sun<br>7 am          | Sun<br>8 am          | Sun<br>9 am          | Sun<br>10 am  | Sun<br>11 am   | Sun<br>12 pm         |
| Houston Pilots N - 610 Bridge        | 14<br>26<br>5        | 15<br>29<br>4        | 15<br>30<br>4        | 16<br>31<br>4        | 16<br>32<br>7        | 16<br>32<br>4        | 15<br>31<br>4        | 15<br>29<br><b>/</b> | 15<br>29<br>4        | 15<br>29<br>K        | 15<br>29<br><b>r</b> | 15<br>30<br>K        | 15<br>29<br><b>r</b> | 14<br>29<br><b>r</b> | 14<br>29<br>5        | 14<br>29<br>5        | 14<br>29<br>5        | 14<br>28<br>ጥ        | 13<br>26<br>1        | 12<br>24<br>个        | 12<br>24<br>个        | 13<br>24<br>个 | 13<br>24<br>个  | 13<br>26<br>个        |
| Houston Pilots M - Kinder 1          | 14<br>26             | 15<br>29<br>5        | 15<br>30             | 16<br>31<br>5        | 16<br>32<br>5        | 16<br>32<br>5        | 15<br>31<br>4        | 14<br>29<br>5        | 14<br>29<br>K        | 15<br>29<br>K        | 15<br>29             | 15<br>30             | 15<br>29             | 14<br>28             | 15<br>29             | 14<br>29             | 14<br>29             | 14<br>28<br>4        | 13<br>26             | 12<br>24<br>4        | 13<br>24<br>个        | 13<br>24<br>个 | 13<br>24<br>个  | 13<br>25<br>1        |
| Houston Pilots L - Greens Bayou      | 14<br>25<br>7        | 15<br>28             | 15<br>29<br><b>4</b> | 16<br>30             | 16<br>31<br>5        | 16<br>32<br>5        | 15<br>30             | 14<br>29<br>5        | 14<br>29<br>5        | 15<br>29<br>K        | 15<br>29             | 15<br>30             | 15<br>29<br><b>K</b> | 14<br>28<br>5        | 15<br>29<br>5        | 15<br>29<br>5        | 14<br>29<br>5        | 14<br>29<br>5        | 13<br>26<br>1        | 13<br>24<br>4        | 13<br>24<br>5        | 13<br>24<br>个 | 13<br>24<br>个  | 14<br>25<br>个        |
| Houston Pilots K - Shell Crude       | 14<br>25<br>5        | 15<br>28             | 15<br>28             | 15<br>30             | 15<br>31<br>5        | 15<br>31<br>5        | 15<br>30             | 14<br>29<br>K        | 14<br>29<br>K        | 14<br>29<br>K        | 14<br>28             | 15<br>30             | 15<br>29<br>4        | 14<br>28<br>5        | 15<br>29<br>5        | 15<br>29<br>5        | 15<br>29<br>5        | 14<br>29<br>5        | 13<br>28<br>5        | 13<br>25<br>4        | 13<br>24<br>5        | 13<br>24<br>个 | 13<br>24<br>个  | 14<br>26<br>个        |
| Houston Pilots J - Lynchburg Ferries | 14<br>25<br><b>r</b> | 15<br>26<br><b>r</b> | 15<br>28<br>4        | 16<br>30<br>4        | 16<br>30<br>7        | 16<br>31<br>7        | 15<br>30<br><b>r</b> | 14<br>29             | 14<br>29<br>K        | 15<br>29<br>K        | 14<br>28             | 15<br>29<br><b>K</b> | 15<br>29<br><b>r</b> | 14<br>28<br>7        | 15<br>29<br>4        | 15<br>29<br>4        | 15<br>29<br><b>^</b> | 15<br>29<br><b>^</b> | 14<br>28<br>7        | 13<br>25<br><b>1</b> | 13<br>25<br>4        | 13<br>24<br>个 | 13<br>24<br>个  | 14<br>26<br>7        |
| Houston Pilots I - Exxon 3           | 15<br>25             | 16<br>26<br>4        | 16<br>28<br>4        | 16<br>28<br>4        | 17<br>29<br><b>r</b> | 17<br>30<br>4        | 17<br>29             | 17<br>28             | 17<br>28             | 18<br>29<br>K        | 18<br>28             | 20<br>29<br>4        | 20<br>29<br>4        | 20<br>28<br>1        | 20<br>29<br><b>4</b> | 20<br>29<br><b>5</b> | 20<br>29<br><b>5</b> | 20<br>29<br>个        | 18<br>28<br>个        | 17<br>25<br>个        | 17<br>25<br>个        | 16<br>24<br>个 | 15<br>24<br>个  | 16<br>25<br>个        |
| Houston Pilots H - Morgans Point     | 15<br>24<br>K        | 15<br>25<br>K        | 16<br>26<br><b>F</b> | 16<br>28<br>47       | 17<br>29<br>K        | 17<br>29<br>K        | 17<br>28<br><b>F</b> | 17<br>28<br><b>K</b> | 17<br>28<br><b>K</b> | 18<br>29<br><b>F</b> | 18<br>28<br><b>r</b> | 20<br>29<br><b>F</b> | 20<br>29<br><b>5</b> | 20<br>28<br><b>/</b> | 20<br>29<br><b>5</b> | 20<br>29<br><b>r</b> | 20<br>29<br>个        | 20<br>29<br>个        | 18<br>28<br><b>^</b> | 17<br>26<br>个        | 17<br>25<br>个        | 16<br>24<br>个 | 15<br>24<br>↑  | 15<br>25<br>个        |
| Houston Pilots G - 75/76             | 16<br>25             | 16<br>26             | 16<br>28<br><b>r</b> | 17<br>29<br><b>K</b> | 17<br>30             | 18<br>30<br><b>r</b> | 18<br>29<br><b>r</b> | 18<br>29<br><b>K</b> | 20<br>29<br><b>K</b> | 20<br>29<br><b>r</b> | 21<br>30<br><b>r</b> | 22<br>31<br><b>r</b> | 22<br>30<br>4        | 21<br>30<br><b>r</b> | 22<br>31<br>5        | 22<br>31<br>5        | 22<br>31<br>5        | 22<br>31<br>7        | 22<br>31<br>个        | 20<br>29<br>个        | 20<br>28<br>1        | 18<br>26<br>↑ | 17<br>25<br>个  | 17<br>26<br>个        |
| Houston Pilots F - 63/64             | 15<br>25<br>K        | 16<br>26             | 16<br>26<br><b>K</b> | 17<br>29<br>K        | 17<br>29<br>K        | 17<br>30<br>K        | 18<br>29             | 18<br>28             | 20<br>29<br><b>K</b> | 20<br>29<br><b>r</b> | 21<br>29<br><b>K</b> | 21<br>30<br>r        | 21<br>29<br><b>/</b> | 21<br>29<br><b>r</b> | 22<br>30             | 22<br>31<br>4        | 22<br>31<br>4        | 22<br>31<br>4        | 22<br>30<br>7        | 20<br>29<br>1        | 20<br>28<br>1        | 18<br>26<br>个 | 17<br>25<br>↑  | 17<br>26<br>17       |
| Houston Pilots E - 51/52             | 15<br>24<br>K        | 15<br>25<br><b>r</b> | 16<br>26<br><b>r</b> | 16<br>28<br><b>r</b> | 17<br>28             | 17<br>29<br>K        | 17<br>26             | 17<br>26             | 18<br>28<br><b>r</b> | 20<br>29<br><b>K</b> | 20<br>29<br><b>K</b> | 21<br>30<br><b>r</b> | 21<br>29<br>4        | 21<br>29<br><b>5</b> | 21<br>30<br>5        | 22<br>30             | 22<br>31<br>5        | 22<br>31<br>4        | 22<br>30<br>个        | 20<br>29<br>1        | 20<br>28<br>1        | 18<br>26<br>个 | 17<br>25<br>个  | 17<br>26<br>1        |
| Houston Pilots D - 37/38             | 15<br>24             | 15<br>25             | 15<br>26             | 16<br>26             | 17<br>28             | 17<br>28             | 17<br>26             | 17<br>26             | 18<br>28             | 20<br>29             | 20<br>29             | 21<br>30             | 21<br>29<br><b>5</b> | 20<br>29<br>5        | 21<br>30             | 22<br>30             | 22<br>31<br>5        | 22<br>31<br>5        | 22<br>31<br>4        | 20<br>29<br>4        | 20<br>28             | 17<br>26<br>4 | 17<br>25<br>个  | 17<br>26             |
| Houston Pilots C - 25/26             | 15<br>24             | 15<br>24             | 15<br>25             | 16<br>25<br><b>K</b> | 17<br>26             | 17<br>28             | 17<br>26             | 17<br>26<br>K        | 17<br>28<br><b>K</b> | 18<br>29<br><b>K</b> | 20<br>28             | 20<br>30             | 20<br>29<br><b>1</b> | 20<br>29<br>5        | 20<br>29             | 21<br>30             | 21<br>31             | 22<br>31<br><b>K</b> | 21<br>31<br>7        | 20<br>29<br><b>1</b> | 20<br>28<br><b>1</b> | 17<br>26<br>4 | 17<br>24<br>17 | 16<br>25<br>个        |
| Houston Pilots B - 11/12             | 15<br>22<br>K        | 15<br>22             | 15<br>24             | 16<br>24             | 16<br>25<br>K        | 16<br>25<br>K        | 16<br>26             | 16<br>25             | 17<br>26<br><b>K</b> | 17<br>28             | 18<br>26<br><b>r</b> | 18<br>29<br>K        | 18<br>29<br>7        | 18<br>26<br>1        | 20<br>28<br>45       | 20<br>29<br>4        | 20<br>29<br><b>4</b> | 20<br>30<br>イ        | 20<br>30<br>个        | 18<br>29<br>4        | 17<br>26<br>4        | 17<br>25<br>4 | 15<br>24<br>4  | 15<br>24<br>个        |
| Houston Pilots A - 1 & 2 Bravo       | 15<br>23<br>K        | 15<br>23<br>K        | 15<br>24<br><b>K</b> | 16<br>24<br>K        | 16<br>25<br>K        | 17<br>25<br>K        | 17<br>26<br>K        | 17<br>26<br>K        | 18<br>28<br>K        | 20<br>29<br>K        | 20<br>29<br><b>K</b> | 21<br>30             | 21<br>29<br>K        | 20<br>29<br><b>K</b> | 21<br>30<br>5        | 21<br>30<br>5        | 22<br>31<br>4        | 22<br>31<br>17       | 22<br>31<br><b>K</b> | 21<br>30<br>4        | 20<br>29<br><b>/</b> | 17<br>26<br>5 | 17<br>24<br>5  | 16<br>25<br><b>r</b> |

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# Houston Pilots: SAT. 4/19/2025



### **Forecast Discussion**

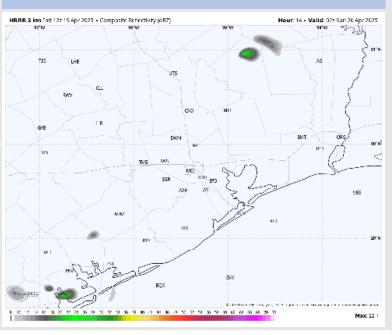
**Precip:** Favoring dry conditions for the rest of the day.

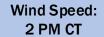
Wind: Winds will be out of the SE throughout the day. N of Morgan's Point: Winds will be at 10 - 16 kts for the rest of the day. S of Morgan's Point: Winds will be at 15 - 20 kts for the rest of the day. Gusts of 20 - 30 kts possible for all Stations through the rest of the day.

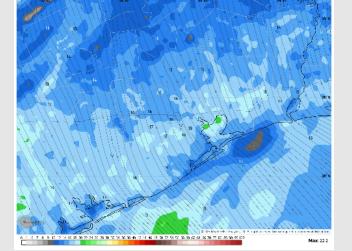
Low Temps: N of Morgan's Point: Mid 70s F. S of Morgan's Point: Mid 70sF.

**Visibility:** Not anticipating visibility concerns for the rest of the day.

### Precip Image: 9 PM CT







#### MAX GUSTS Saturday

# Houston Pilots: SUN. 4/20/2025



### **Forecast Discussion**

Wind Speed:

6 AM CT

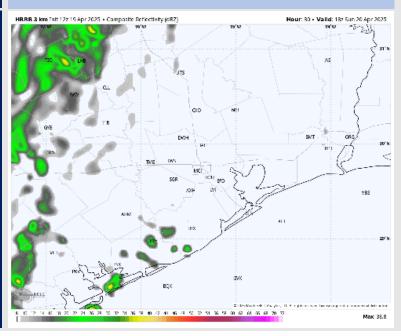
**Precip:** Favoring dry conditions throughout the day Sunday.

Wind: Winds will be out of the S/SE throughout the day. N of Morgan's Point: Winds will be at 7 – 12 kts through Sunday. S of Morgan's Point: Winds will be at 16 – 25 kts through 7 AM, then winds will decrease to 13 – 18 kts for rest of the day. Wind gusts of 20 – 25 kts will be possible throughout the day for all Stations, with a few gusts near 30 kts possible from 12AM to 6AM.

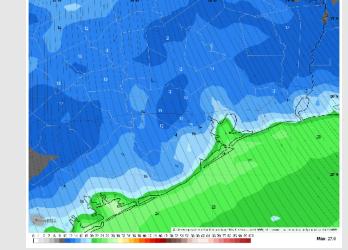
High Temps: N of Morgan's Point: Mid 80s F. S of Morgan's Point: Low 80s F.

Visibility: Not anticipating visibility concerns for Sunday.

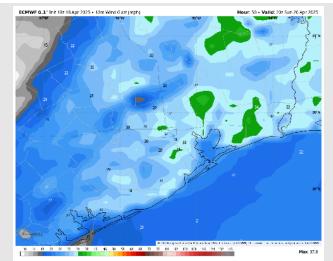
### Precip Image: 1 PM CT



ECMWF 0.1" Init 187 18 Apr 2025 • 10m Wind Speed + Streamline.



Hour: 41 • Valid: 112 Sup 20 Apr 2025



#### MAX GUSTS Sunday

# Houston Pilots: MON. 4/21/2025



### **Forecast Discussion**

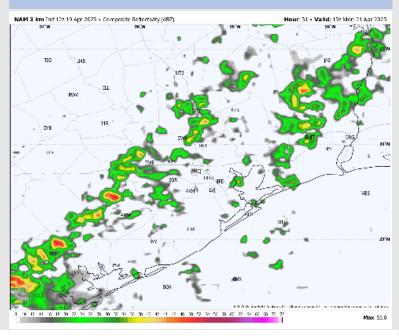
Precip: Hit/miss showers and storms (30%) from 12 AM through 8 PM. Lightning and brief wind gusts of 30 kts will be possible with storms.

Wind: Winds will be out of the S through 5 AM before becoming variable. Winds then settle out of the SSE by 4 PM. N of Morgan's Point: Winds will be at 2 – 8 kts throughout the day. S of Morgan's Point: Winds will be at 5–11 kts throughout the day Monday.

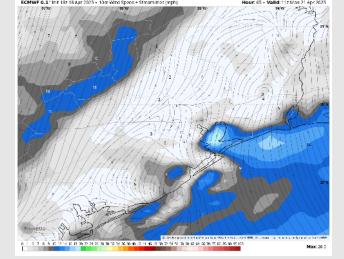
**High Temps:** N of Morgan's Point: Near 80 F. S of Morgan's Point: Upper 70sF.

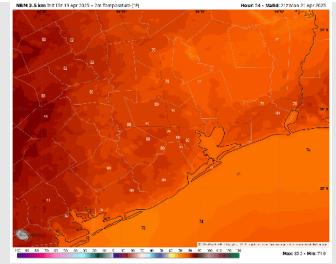
Visibility: No fog concerns for Monday, however visibilities may be reduced under downpours.

### Precip Image: 10 AM CT





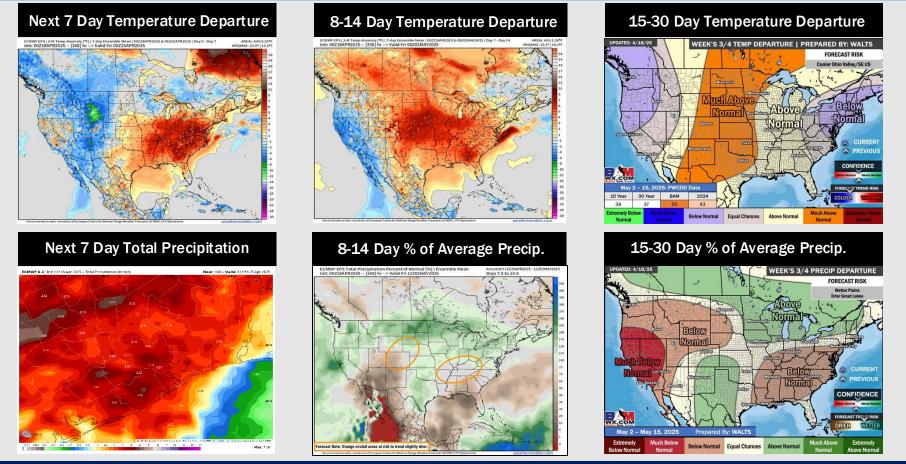




High Temps Monday

# Houston Pilots: 4/19/25





- Temps are expected to be above normal the next 7 days. Scattered rain showers arrive early next week, with heavier rain chances by mid-next week.
- Above normal temps and above normal rainfall is favored 8 14 days from now.
- Above normal temperatures and near to slightly below normal precipitation chances are favored for early May.