



**CITY OF FORT LAUDERDALE**  
**City Commission Agenda Memo**  
**CONFERENCE MEETING**

**#24-0967**

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**TO:** Honorable Mayor & Members of the  
Fort Lauderdale City Commission

**FROM:** Susan Grant, Acting City Manager

**DATE:** October 1, 2024

**TITLE:** 2024 King Tides Presentation – (**Commission Districts 1, 2, 3 and 4**)

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The City experienced extremely high King Tides in September 2024, with peak tides exceeding 2.4 Ft North Atlantic Vertical Datum (NAVD). Tides were more than 12 inches above the National Oceanic and Atmospheric Administration (NOAA) predictions, causing flooding in low lying areas.

City Staff will provide a brief overview of conditions during the September 2024 King Tide window and actions taken to mitigate the impacts of flooding during King Tides. While the City has made significant improvements with measures such as constructing higher seawalls and installing tidal valves to reduce tidal flooding, very low-lying areas still experience some impacts as high tides permeate the porous limestone and temporarily raise the groundwater levels. As the City moves forward with additional steps to make this a more climate resilient community, we need to effectively communicate realistic expectations regarding the ability to respond during these tidal events.

**Attachment**

Exhibit 1 – 2024 King Tides Presentation

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Charter Officer: Susan Grant, Acting City Manager