FloodStat
Increasing the City’s Resilience to Flooding, SLR, and Storm Surge.
PURPOSE

Establish accountability around the Mayor’s priorities.

Foster an environment for open, collaborative discussion so everyone WINS.

Represents a strong partnership between the Mayor’s Office and department leadership and their shared interest in using data to drive performance and decision-making.
TIDEEYE: LOCAL TIDE TRENDS

Annual High Tides >= 7ft

Highest Monthly Tides

Hours @ Flood Risk (>= 7ft)

122.7

Minor Tides
41
7.0' - 7.49'

Moderate Tides
14
7.5' - 7.99'

Major Tides
6
>= 8'

Summarized from NOAA's 6-min interval data

With the exception of the hourly summaries, this dashboard is based on the daily High/Low tides data sourced from the NOAA COOPS API. The data is updated monthly. Currently, it includes tides through 11/30/2020, 2:48:00 AM.
PUBLIC SERVICE

Greener Fleet

- Reduce Fleet through vehicle sharing
- Reduce maintenance and fuel costs
  - Retiring vehicles before they are a maintenance/fuel liability
  - Audit of types of vehicles in the fleet by position
  - Convert % of fleet to alternative fuels
    - Hybrids
    - Electric – limited by charging infrastructure; grant opportunities; need to be making this strategic investment now
  - Understand impact to fleet mechanics
- Specific metrics will be defined once the fleet audit is complete (Q1 2021)
- Review of Fire & PD Fleet is also needed
Rehabilitate roadside drainage system by 2026.

Clean rear yard systems (hand cleaning) twice every year.

Reduce the number of requests for stormwater maintenance (needs baseline analysis and normalization for call volume and tidal/rain events).
# Proposed Schedule

<table>
<thead>
<tr>
<th>Month</th>
<th>Departments</th>
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<tbody>
<tr>
<td>November 2020</td>
<td>Police</td>
</tr>
<tr>
<td>December</td>
<td>Fire</td>
</tr>
<tr>
<td>January 2021</td>
<td>Public Service / Stormwater Management</td>
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<tr>
<td>February</td>
<td>Sustainability / Housing</td>
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<tr>
<td>March</td>
<td>Police / Planning</td>
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<tr>
<td>April</td>
<td>Fire / Traffic &amp; Transportation</td>
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<tr>
<td>May</td>
<td>Floodplain Manager</td>
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<tr>
<td>June</td>
<td>Capital Projects</td>
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<td>July</td>
<td>BREAK</td>
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<td>August</td>
<td>Public Service / Stormwater Management</td>
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<td>September</td>
<td>Sustainability / Housing</td>
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NEXT FLOODSTAT MEETING

Thursday, February 4th