



Elevation line at new  
wall height ( 4.7 ft)

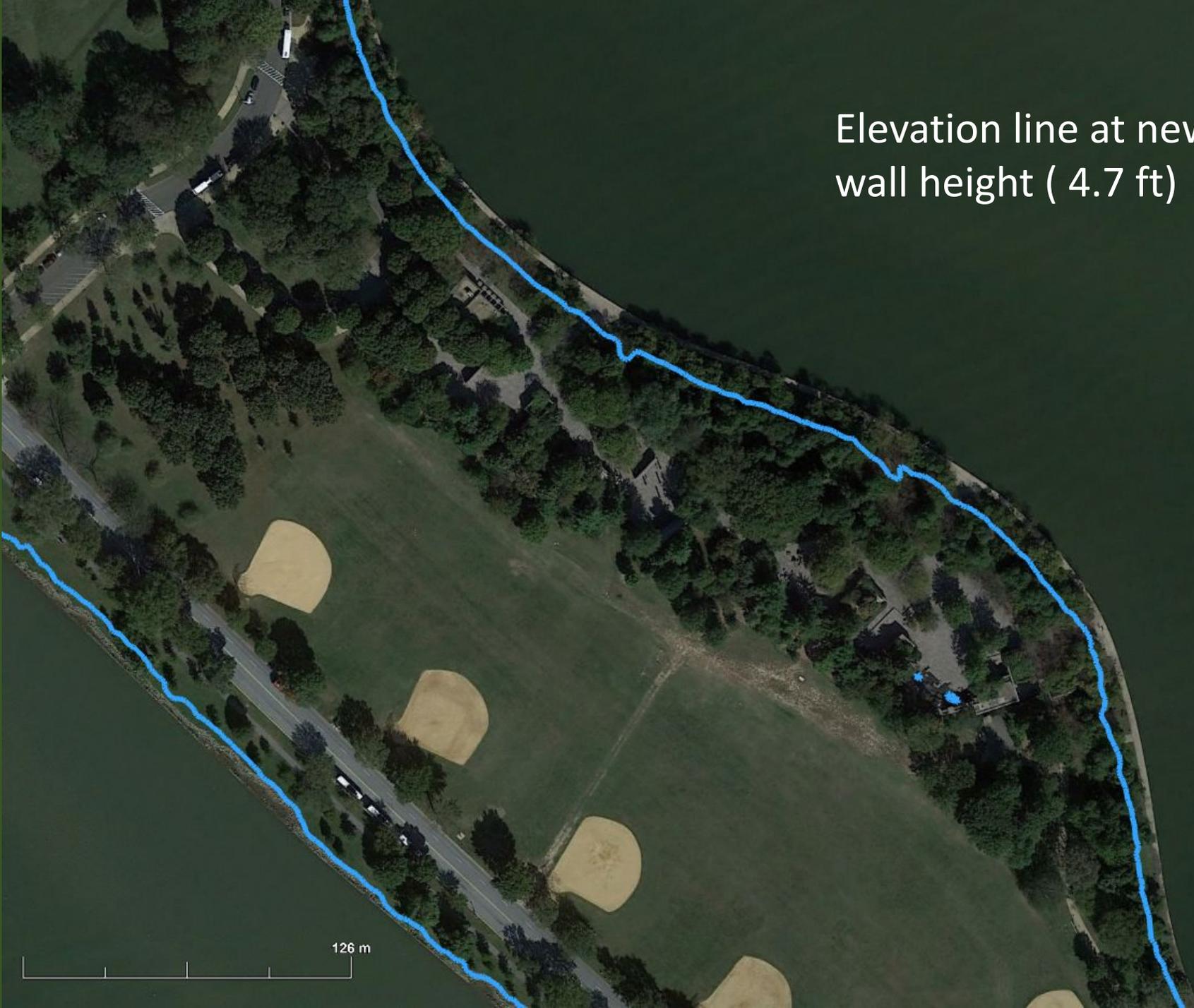
304 m

Google Earth

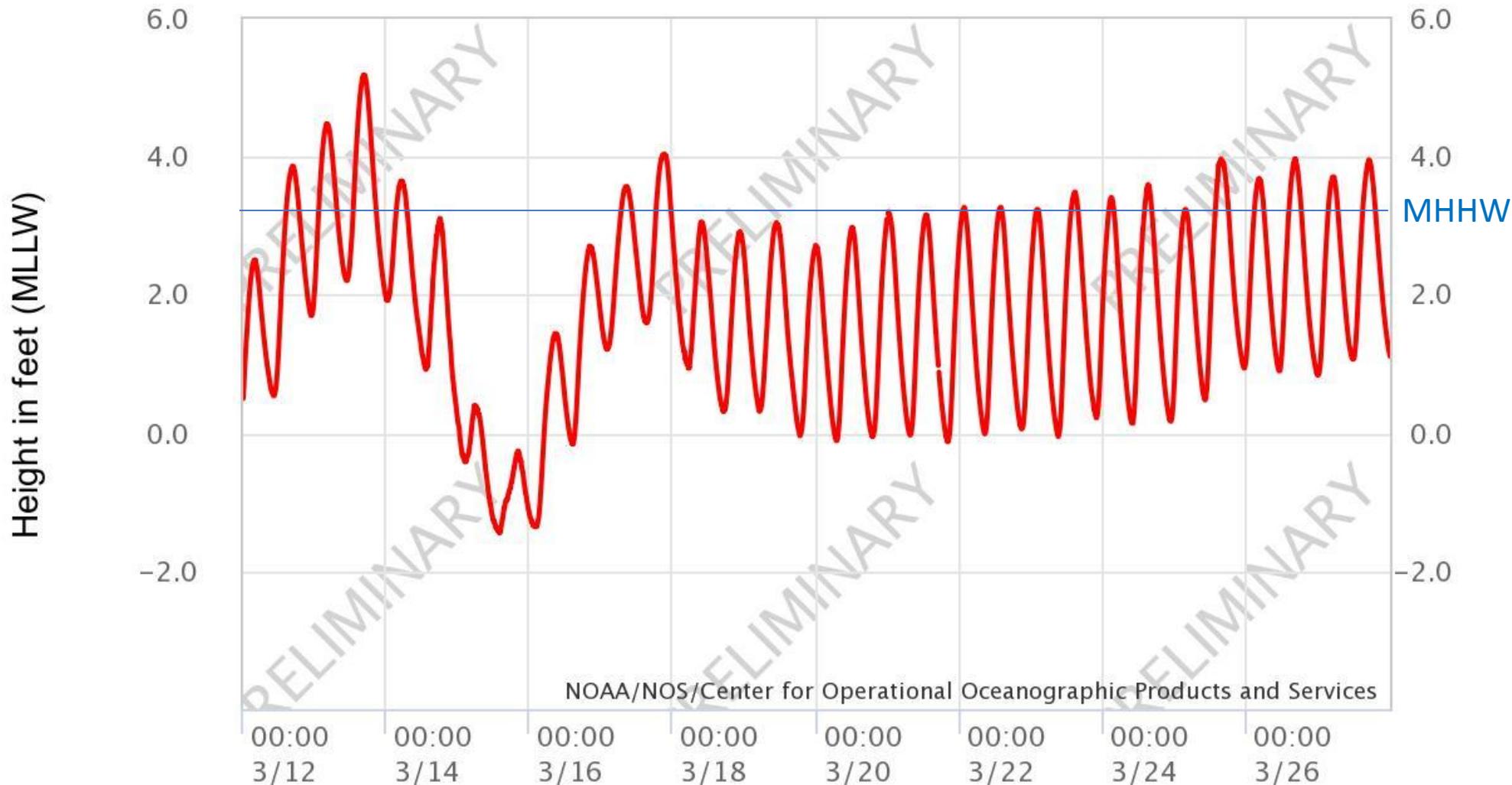
Elevation line at new  
wall height ( 4.7 ft)

126 m

Google Earth



NOAA/NOS/CO-OPS  
Observed Water Levels at 8594900, Washington DC  
From 2023/03/12 00:00 GMT to 2023/03/27 23:59 GMT



— Predictions    — Verified    — Preliminary    — (Observed - Predicted)

NOAA/NOS/Center for Operational Oceanographic Products and Services

An aerial satellite view of a city area, likely in the Washington D.C. region, showing a large area of flooding. A blue line traces the perimeter of the flooded area, which includes a large central pond, several baseball fields, and a stadium. The flooding extends to the right, covering a parking lot and parts of a highway interchange. The surrounding area includes residential buildings, a school, and more green space.

Flood line on Mar 26th

342 m

Google Earth

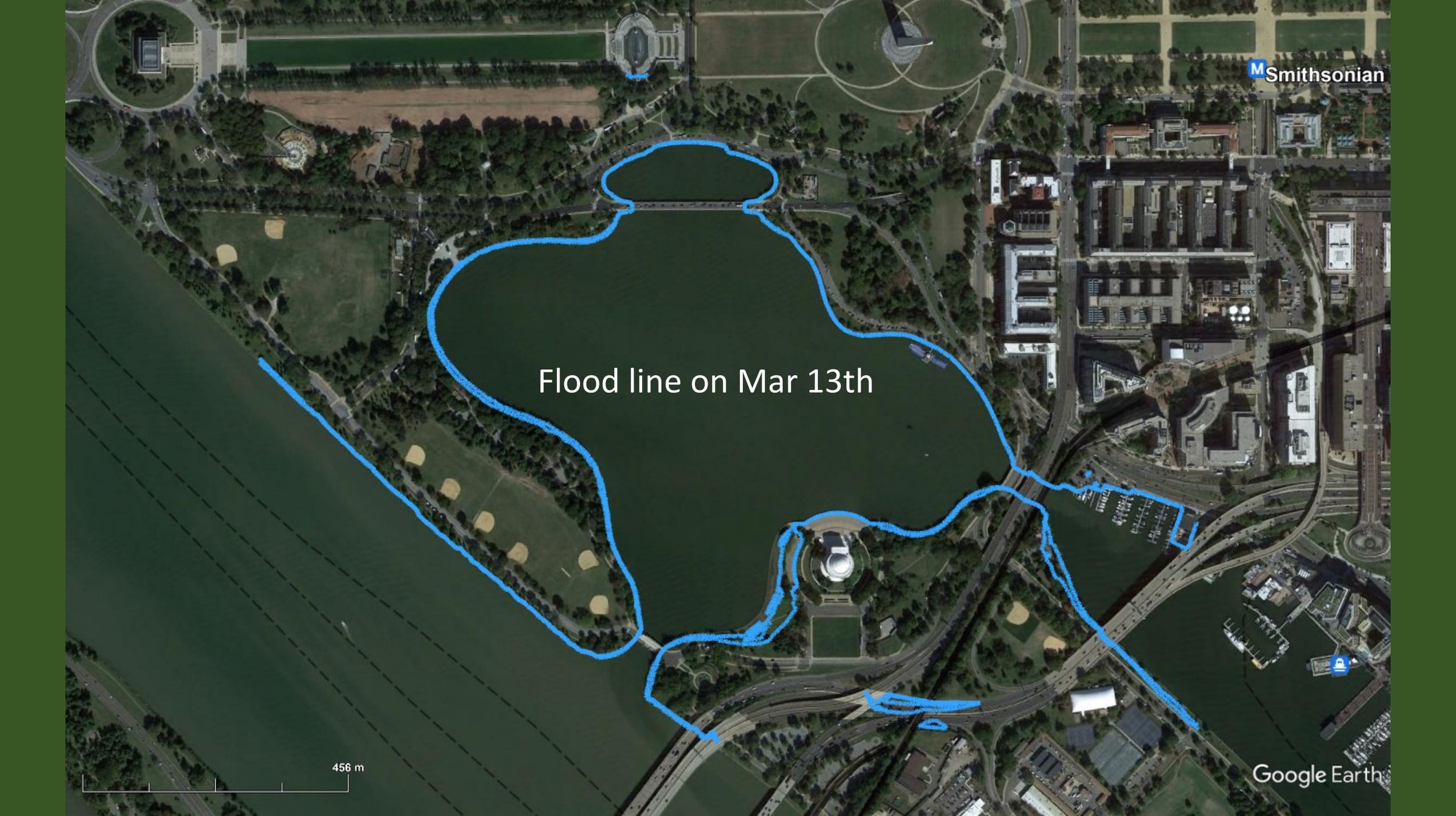
Flood line on Mar 26th



94 m

Flood line on Mar 13th

456 m



Flood line on Mar 13th





Flood line for 20-yr return

290 m

Google Earth



Flood line for 20-yr return + SLR

274 m

Google Earth



March 26

March 13

20-yr return

20-yr return with SLR

1. A robust quantitative assessment is needed on the potential effects of the project's new coastal morphology on ***the compound flooding*** from co-occurring storm surges and rainfall.
2. A reliable quantitative assessment is needed on the potential ***effects of sea-level rise*** around the tidal basin under the new coastal geometry. A plan of this scope and extent should have a planning horizon of 30 to 50 years.
3. A justification is essential for the neglect of the ***potential usefulness of the tidal gates*** at the 'inlet' and 'outlet' to the tidal basin. Further justification should be given of the lack of active interactions with on-going Army Corps of Engineers efforts to rehabilitate the tidal gates.
4. The plan will ***fall short in protecting the path along the shore to the FDR memorial.***
5. An adequate plan should ***define the frequency of flooding that is tolerable.*** Perhaps once every 10 or 20 years would be appropriate.
6. The ***alternatives analysis is inadequate.*** There are many options to preserving access to the park and monuments other than the wall. Relocating the paths and trees, and a protection strategy for the monuments would allow much of what is desired at less expense and environmental impact.
7. An assessment should be conducted of ***storm water management.***
8. A reliable calculation is needed on the ***potential for exacerbated flooding at FDR and MLK memorials.***