

## George Washington Birthplace National Monument (GEWA)

**Table C28.** Summary of Findings for GEWA.

Exposure level	# of assets	% of assets	CRV	% of total CRV
High Exposure	2	4	\$4,984,022.67	13%
Limited Exposure	54	96%	\$32,724,847.42	87%
<b>TOTALS</b>	<b>56</b>	<b>100%</b>	<b>\$37,708,870</b>	<b>100%</b>

### ***Park visit***

N/A

### ***Park contacts***

N/A

### ***Primary data utilized***

- 1) NPS FMSS location hierarchy report
- 2) EAARL Topography - George Washington Birthplace National Monument
- 3) Hardaway CS and others. 2009. Status, Evolution, and Storm Vulnerability Assessments of the Shoreline at George Washington Birthplace National Monument. National Park Service, Northeast Region, Philadelphia, Pennsylvania. Published Report-2181176.

### ***Process/methods for exposure determination***

Used LiDAR and report about erosion and storm vulnerability (see data source above) to determine that the visitor center area has the most assets that should be considered high exposure to 1 m of SLR. Most of GEWA is over 3 m in elevation (above MHHW), although much of the shoreline is eroding. Many cultural resources not included in FMSS should be considered as high exposure.

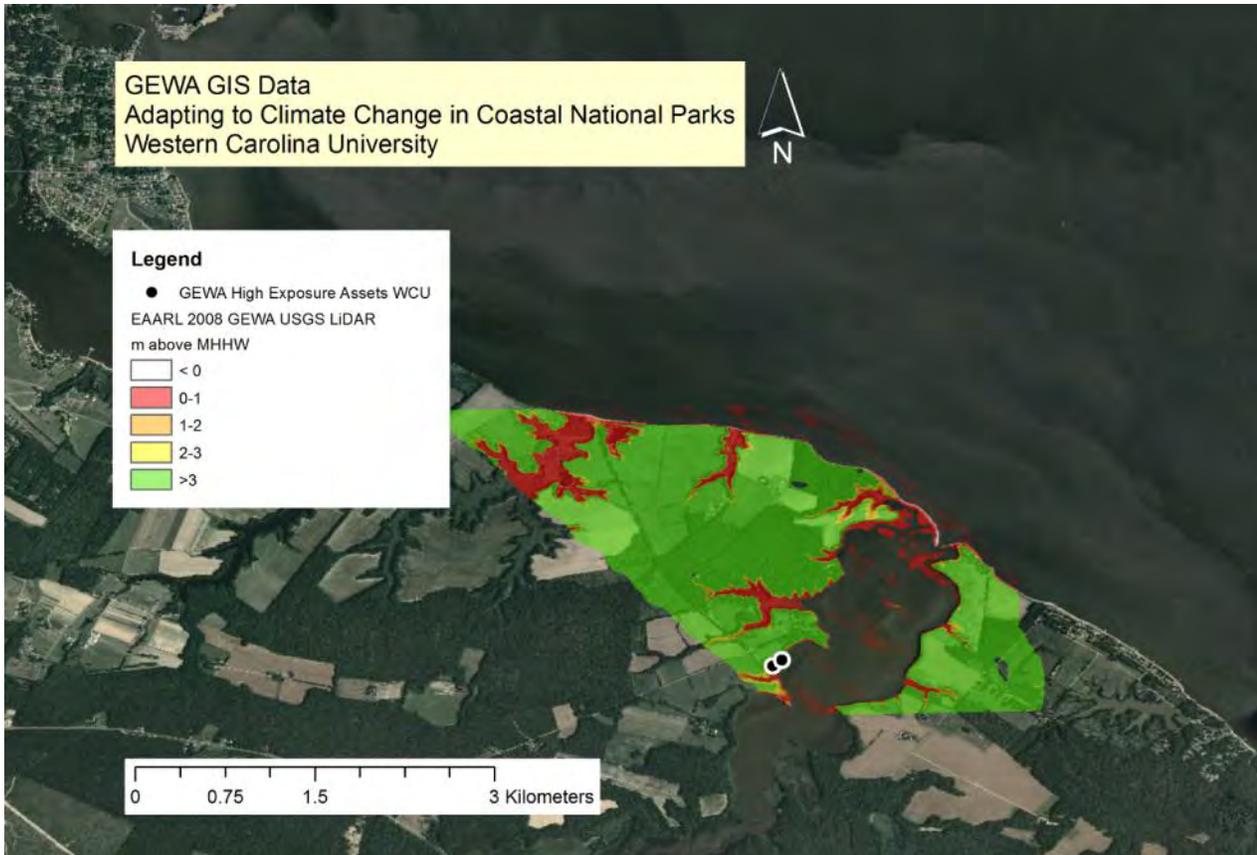
### ***GEWA Documents***

Map of high exposure assets & GIS data

High exposure assets\*

\*Assets sorted by values for:

- 1) Optimizer Band (low to high)
- 2) API (high to low)
- 3) FCI (low to high)



**Figure C11.** GEWA GIS Map of park boundary and high-exposure assets. NOAA tides and currents website was used to calculate MHHW, for GEWA used Colonial Beach, Potomac River, VA station: <http://tidesandcurrents.noaa.gov/datums.html?id=8635150>

**Table C29.** Complete list of GIS Data utilized for GEWA.

Data Name	Data Source
EAARL Topography--George Washington Birthplace National Monument 2008	USGS: <a href="http://pubs.usgs.gov/ds/401/">http://pubs.usgs.gov/ds/401/</a>

**Table C30.** GEWA High Exposure Asset List

ID	Asset Code	Location Code (Description)	CRV	Optimiz Band	API	FCI
1	4100	59355 (Visitor Center Building)	\$3,866,834.98	1	88	0.03
2	1300	59356 (Visitor Center Access Road / Parking - Rt 10)	\$1,117,187.69	3	88	0.18