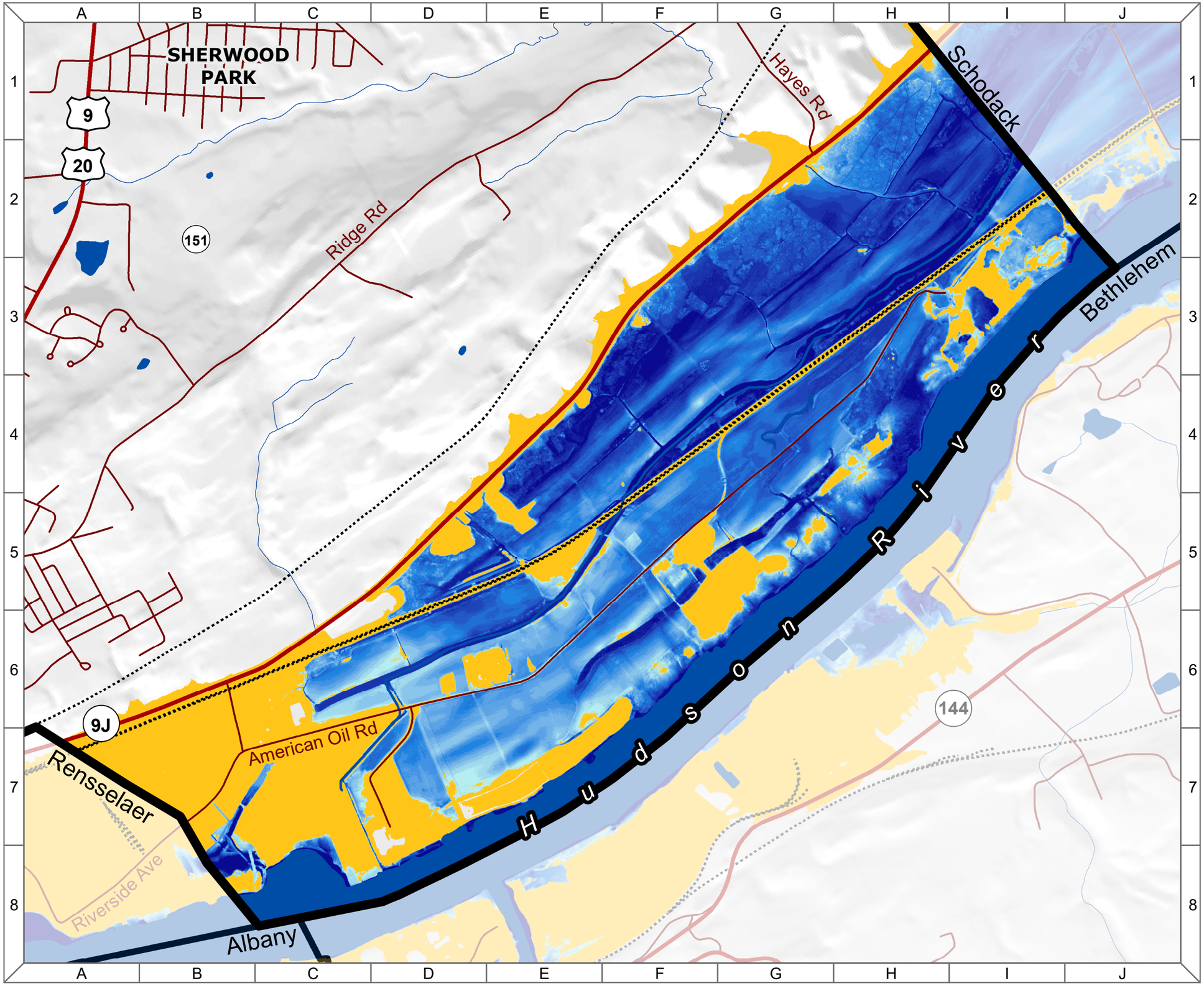
Town of East Greenbush
Natural Resources Inventory
19B. Sea Level Rise Detail
(Assuming 6ft of Sea Level Rise)[1]



Map Legend

Inundation Depth (in)
- ≤72
- 66
- 60
- 54
- 48
- 42
- 36
- 30
- 24
- 18
- 12
- 6
- >0

Roads
- State/US Highway
- Local Street
- Railroad

Hydrology
- Open Water
- River/Stream
- 1% Annual "100yr" Flood Zone[2]

- Municipality

Scale: 1:15,000

0 0.125 0.25 0.5 Mile

[1] 71 inches is the "high" projection under 6 NYCRR Part 490 and assumes rapid melting of the Greenland and Antarctic ice sheets. It is very unlikely to occur by 2100; however, there is relative certainty that global sea level will ultimately rise at least six feet over current levels due to warming that is already locked into the atmosphere.

[2] The 1% (or "100-year") storm has a 1% chance of occurring each year based on historical data. Compounded over 30 years, the probability of this storm occurring is 25%.

Data Sources: *Expected Inundation and Flood Zones:* Scenic Hudson Sea Level Rise Mapper (2013). | *Roadways:* ESRI North American Detailed Streets (2010). | *Railroads:* NYS DOT (May 2013). | *Towns:* NYS GIS Program Office (January 2017). | *Elevation:* NYS DEC and U.S. Geological Survey (date unknown). | *Rivers/Streams:* National Hydrography Dataset: NYS DEC and US Geological Survey (March 2017). | *Wetlands:* US Fish and Wildlife Service and NYS DEC (September 2012). **Note:** This map is intended for general planning and education purposes and is not a substitute for site-level surveys. It relies upon public data sources that may contain errors or omissions. Town of East Greenbush Natural Resources Inventory maps were completed with technical assistance from Cornell University, with funding from the NYS Environmental Protection Fund through the NYS DEC Hudson River Estuary Program. http://hudson.dnr.cals.cornell.edu

Map by Andrew Varuzzo, 2018.

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