

Hypoxia layer

GLGVO-256 - Investigate incorporating Gulf Hypoxia layer to emulate on GLTG

Hypoxia watch data (accessed 9/1/2022)

<https://www.ncei.noaa.gov/products/gulf-mexico-hypoxia-watch>

- 2021: <https://www.ncei.noaa.gov/waf/hypoxia-waf/documents/hypoxia/data/2021-Hypoxia-Contours.zip>
- 2020: no data
- 2019: <https://www.ncei.noaa.gov/waf/hypoxia-waf/documents/hypoxia/data/2019-Hypoxia-Contours.zip>
- 2018: <https://www.ncei.noaa.gov/waf/hypoxia-waf/documents/hypoxia/data/2018-Hypoxia-Contours.zip>

Old data source

<https://www.ncddc.noaa.gov/hypoxia/products/>

- We can use the shapefiles from the page above
- OR, use REST service
 - <https://service.ncddc.noaa.gov/arcgis/rest/services/EnvironmentalMonitoring/Hypoxia/MapServer>
- Need to display 2017 - 2005

Development:

- need to group also