

Hurricane Eta

Flood Inundation on 11/05-11/06 2020

Coatzacoalcos, Mexico



Legend and Cartographic Information

 Flooded Area  Dry Reference

1:700,000

0 5 10 20 km



Map Information

Map Produce by the Radar Produced Inundation Diary (RAPID) system running at Eversource Energy Center, School of Engineering, University of Connecticut.

Primary satellite data source: ESA Sentinel-1

Flood extent in raster format are available from:
(copy link)

https://rapid-nrt-flood-maps.s3.amazonaws.com/index.html#Global_Flood_Event/Hurricane_Eta_2020/

Algorithm References

- [1] X. Shen, E. N. Anagnostou, G. H. Allen, G. R. Brakenridge, and A. J. Kettner, "Near Real-Time Nonobstructed Flood Inundation Mapping by Synthetic Aperture Radar," *Remote Sensing of Environment*, vol. 221, pp. 302-335, 2019.
- [2] Q. Yang, X. Shen, E. N. Anagnostou, C. Mo, J. R. Eggleston, and A. J. Kettner, "A High-Resolution Flood Inundation Archive (2016 -19) from Sentinel-1 SAR Imageries over CONUS," *Bulletin of American Meteorological Society*, vol. (proposal accepted), 2020.



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