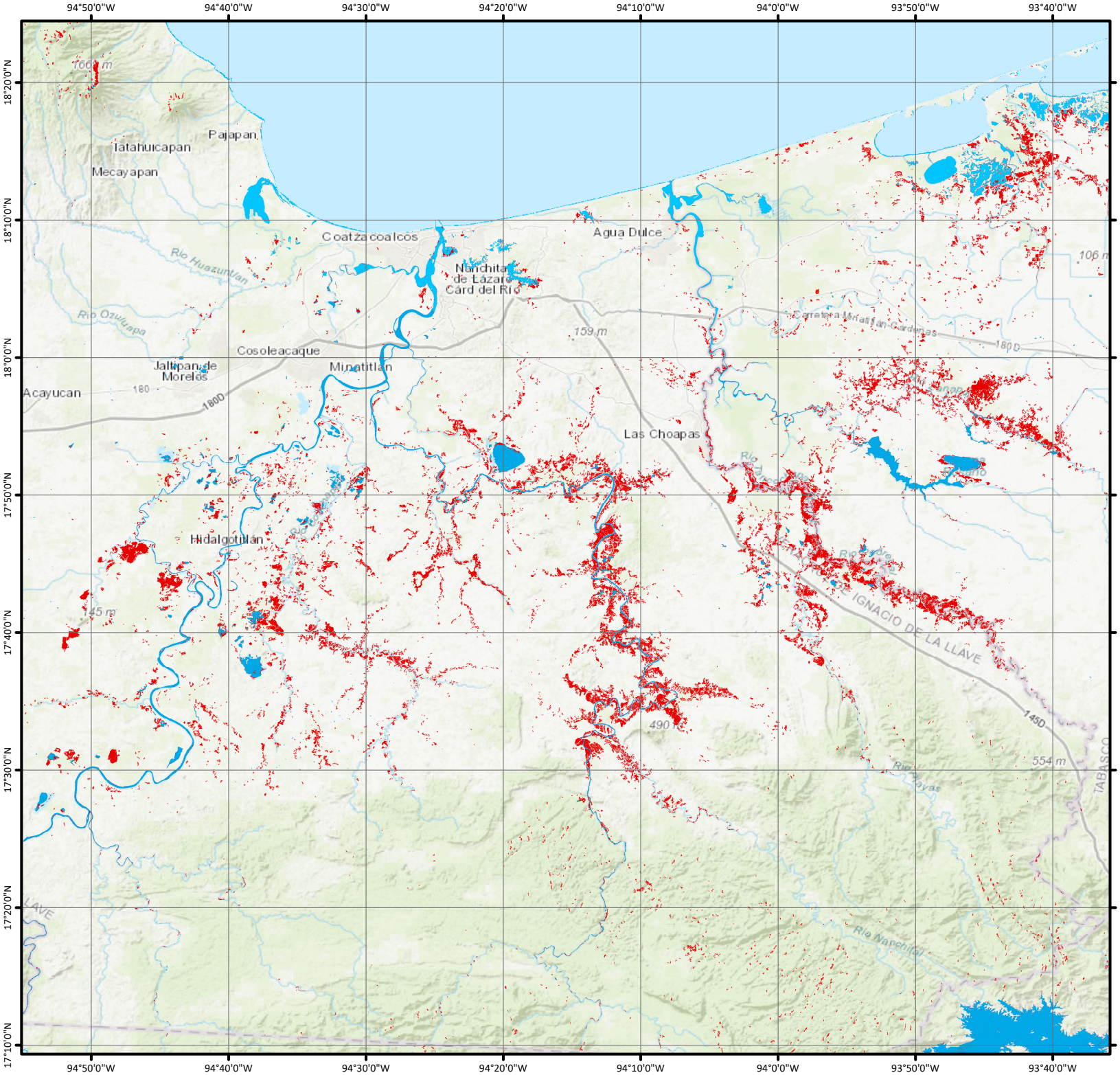

Hurricane Eta

Flood Inundation on 11/02-11/03 2020

Coatzacoalcos, Mexico

Legend and Cartographic Information

Flooded Area

Dry Reference

1:700,000

0 5 10 20 km

N

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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