2014 Flooding in Bangladesh; DFO Event #4178
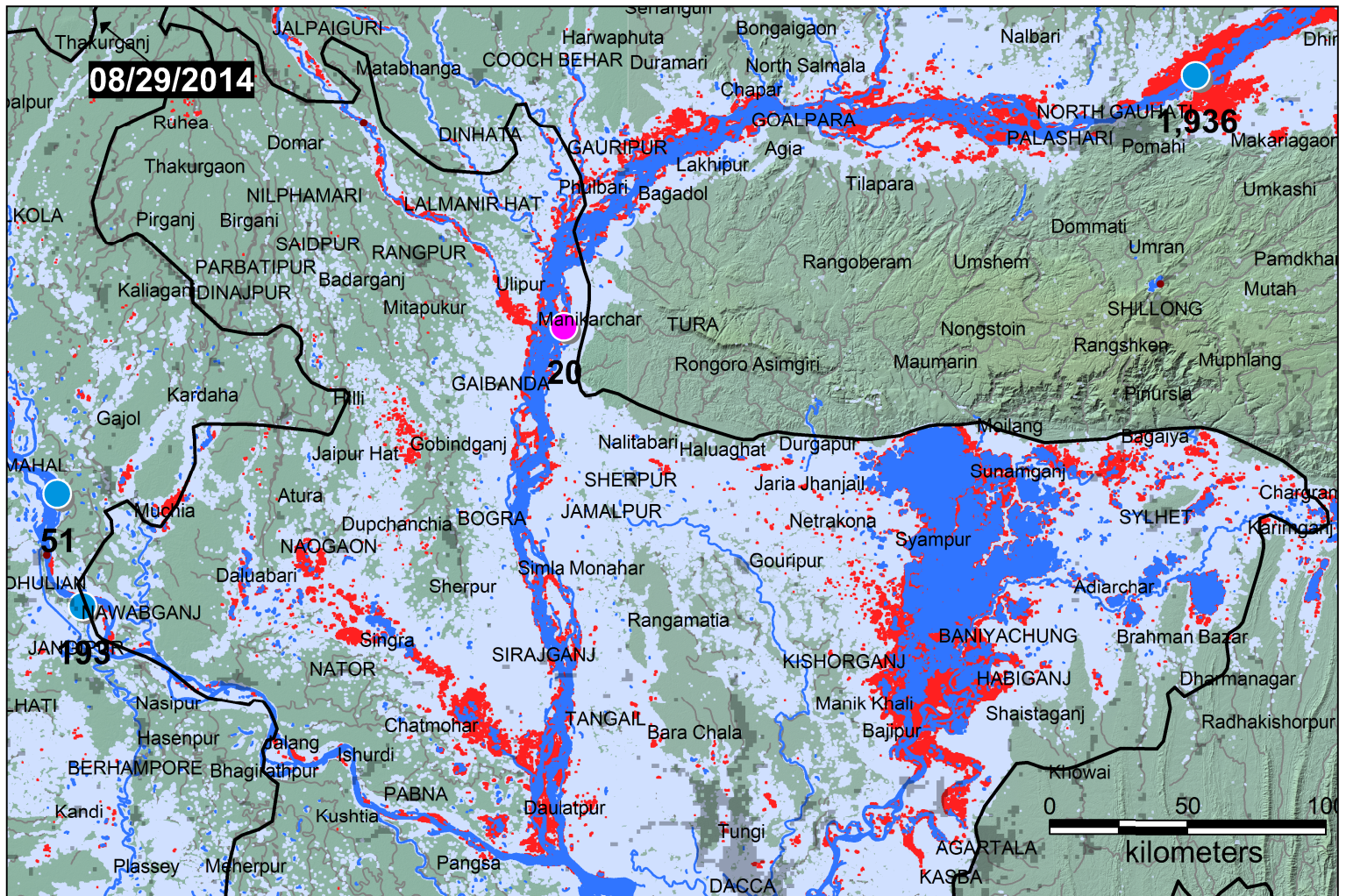
Flood Extent Compared to June Composite Surface Water

Funding support from NASA Applications Program

Mapping Source Data and Methods

This map may incorporate MODIS Rapid Response Subset 250 m data provided by NASA's LANCE System: http://earthdata.nasa.gov/data/near-real-time-data/rapid-response/modis-subsets. It may also incorporate 250 m data from an automated MODIS near real time processor (see http://oas.gsfc.nasa.gov/floodmap/home.html).

Historical flood information is from the Flood Observatory Surface Water Record archive (http://floodobservatory.colorado.edu/).

Landsat 8 data, if available, are provided by the United States Geological Survey Hazards Data Distribution System (HDDS). Landsat 8 is jointly managed by NASA and the U.S. Geological Survey.

At selected locations, time series of satellite microwave-measurements of river discharge changes are available. Access online version (see below) and click on the colored dots.

Citation for this map: Brakenridge, G. R., Slayback, D., Kettner, A.J., and Policelli, F., 2014, Rapid response mapping of the 2014 flooding in Bangladesh, DFO Event #4178, http://floodobservatory.colorado.edu/Version3/2014Bangladesh4178.html.

Legend:

- Flooding, August 1, 2014 to date shown
- All Flooding (2000-2013)
- MODIS NRT surface water, June, 2014 composite

Flow Status

- Major Flooding (r >5 yr)
- Moderate Flooding
- Normal Flow
- Low Flow