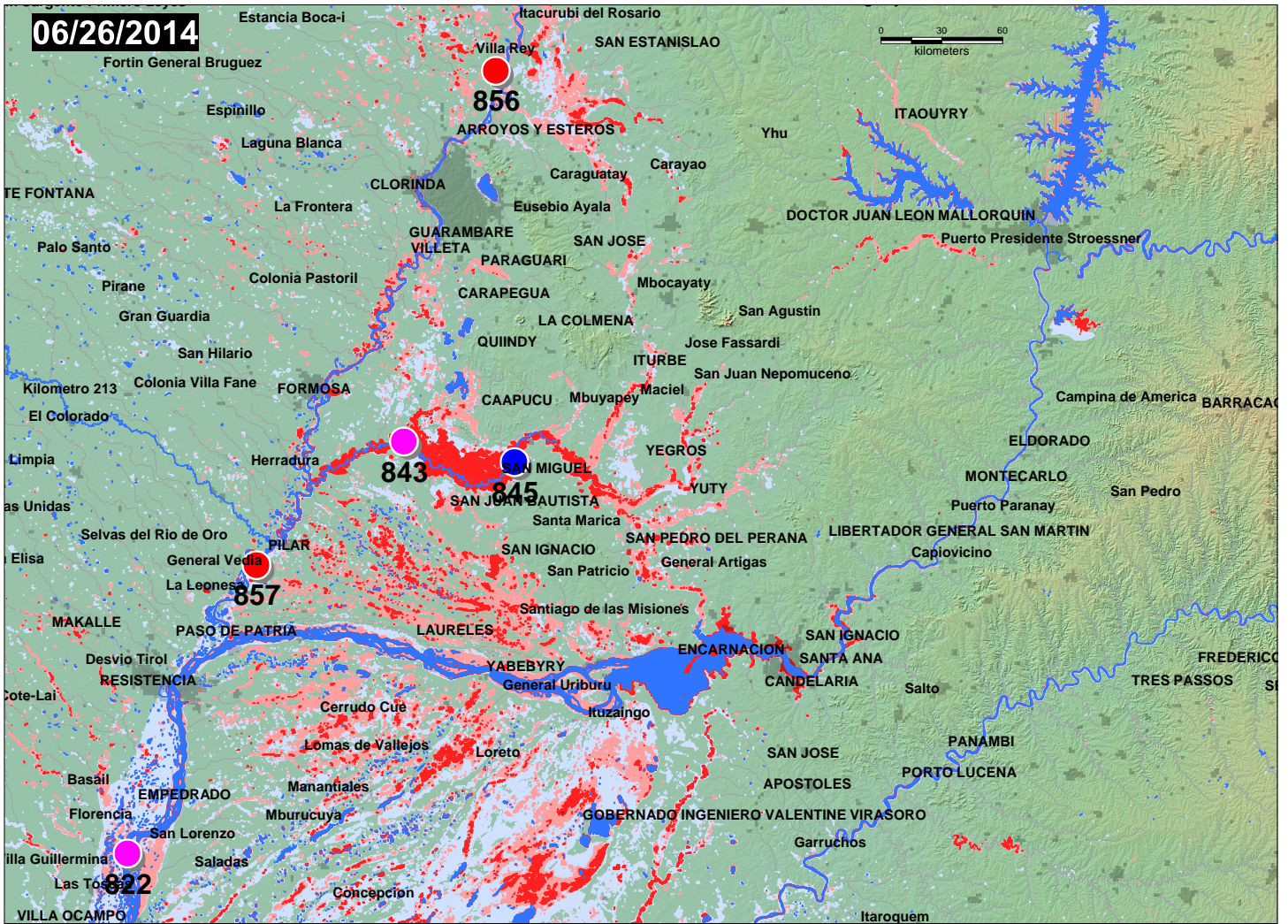


2014 Flooding In Paraguay and Brazil, DFO # 4150

Maximum Flood Extent



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: <http://oas.gsfc.nasa.gov/floodmap/home.html>.

Landsat 8 data, if available, are provided by the United States Geological Survey Hazards Data Distribution System (HDDS). Landsat 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. Click on the colored dots in the online display: <http://floodobservatory.colorado.edu/Version3/2014Paraguay4150.html>

On June 26, flooding along the Paraguay River at site #857 was declining after reaching a peak discharge of ~31,000 m³/sec on June 21. The river measurement sites show that flooding began in mid-April and became severe by April 23.

Citation for this map: Brakenridge, G.R., Slayback, D., Kettner, A.J., Policelli, F., De Groeve, T., and Cohen, S., 2014, Rapid Response Mapping of the 2014 Flooding in Paraguay and Southern Brazil, DFO Event # 4150, Maximum Flood Extent Map, <http://floodobservatory.colorado.edu/Version3/2014Paraguay4150.pdf>

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River Discharge Status

- Major Flooding (> 5 yr recurrence interval)
- Moderate Flooding (>1.3 yr recurrence interval)
- Normal Flow
- Low Flow (<50% of mean Daily Runoff for this date)

- Permanent water
- Flooding today
- All Flooding, this event, now dry
- Flooding, previous years