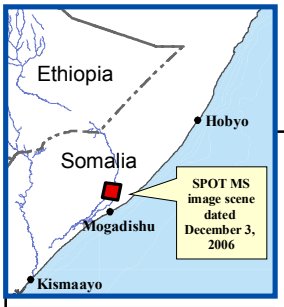
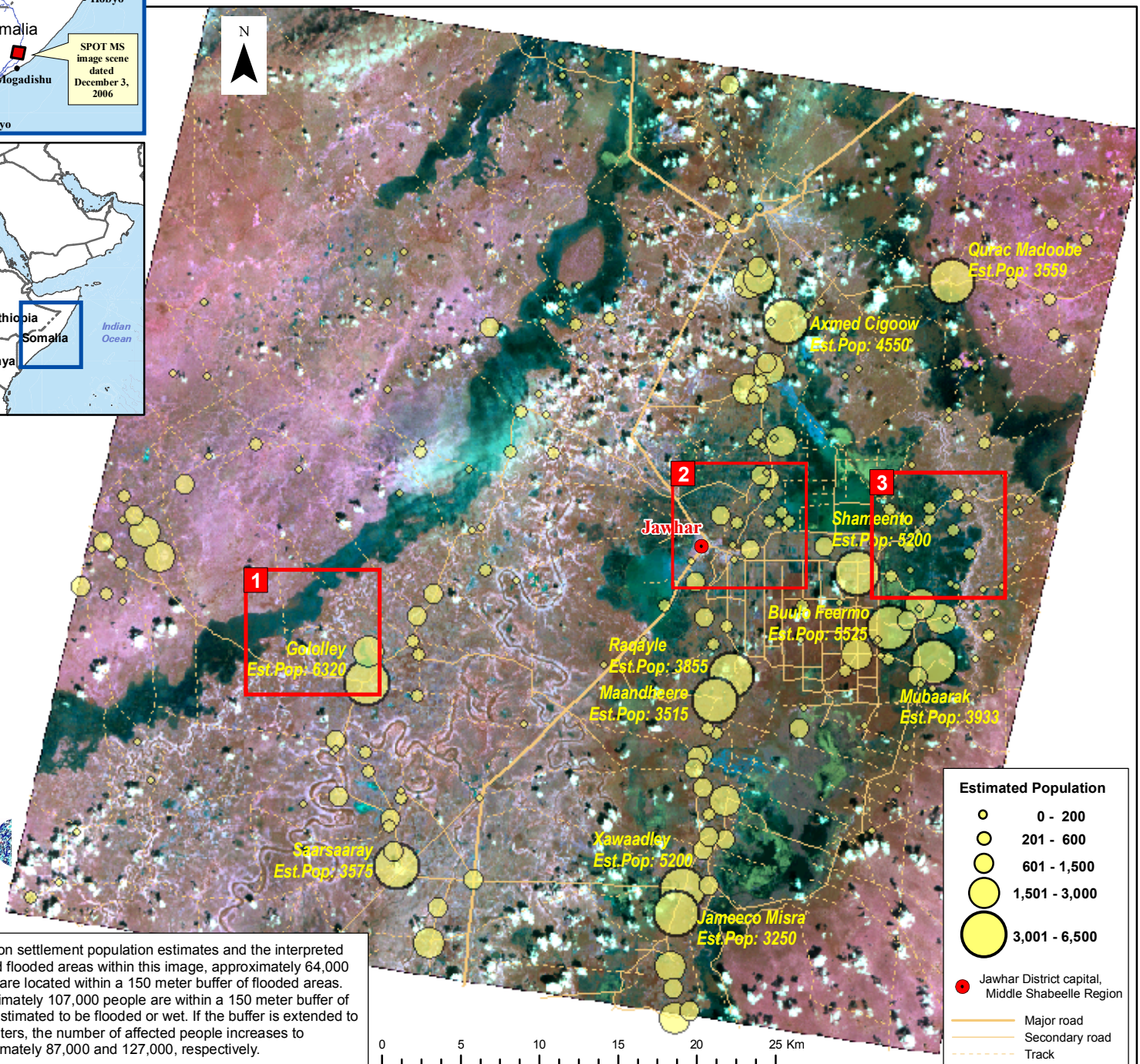
Shabeelle River Flooding Near Jawhar, Somalia, December 3, 2006





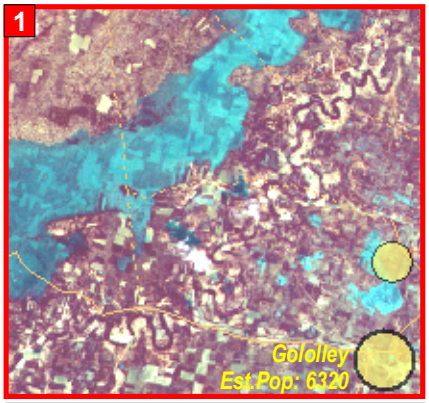
Based on settlement population estimates and the interpreted wet and flooded areas within this image, approximately 64,000 people are located within a 150 meter buffer of flooded areas. Approximately 107,000 people are within a 150 meter buffer of areas estimated to be flooded or wet. If the buffer is extended to 250 meters, the number of affected people increases to approximately 87,000 and 127,000, respectively.

Estimated Population

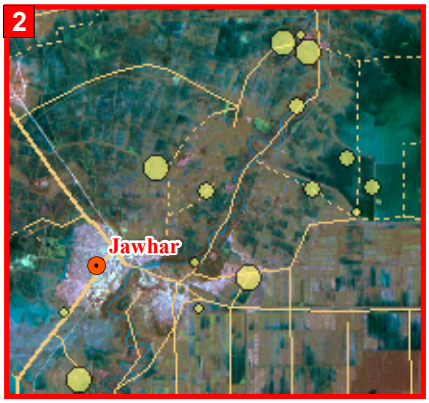
- 0 - 200
- 201 - 600
- 601 - 1,500
- 1,501 - 3,000
- 3,001 - 6,500

Jawhar District capital, Middle Shabeelle Region

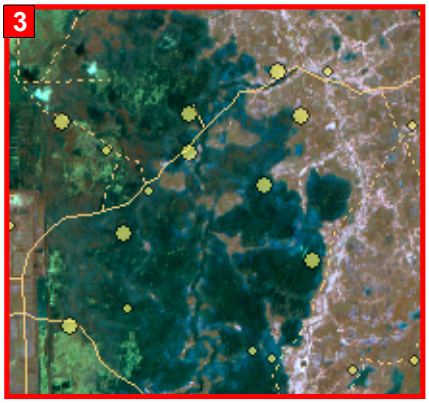
Major road
Secondary road
Track



Agricultural fields are visible beneath the flood water surface (blue areas). This scene is a subset of the SPOT MS image above and was PAN sharpened.



Population center of Jawhar is surrounded by flood waters. Dark areas indicate probable wet or flooded areas.



Flood waters extending far beyond river banks have inundated many small settlements and have severely limited transportation throughout the region. Dark areas indicate probable wet or flooded regions.

Map Information

Multispectral imagery:
SPOT 4
Instrument:
HRVIR 2
Acquisition date:
3 Dec. 2006
Scene center:
Lat N2° 47' 41",
Lon E45° 25' 45"
Image resolution: 20 m
Copyright: CNES 2006, distributed by SPOT Image
GIS data: GIST, NGA, HIU
Map production:
Humanitarian Information Unit
Projection: UTM zone 38N
Datum: WGS 1984
Population counts based on UNDP sources.

UNOSAT satellite imagery for all www.unosat.org

Humanitarian Information Unit
U.S. Department of State
HIU_INFO@state.gov
http://hiu.state.gov

Map produced December 15, 2006