

REVIEW OF ACTIVE FIRE LOCATIONS THREATENING BORJOMI NATURE RESERVE, GEORGIA (15-20 AUGUST 2008)

Active fire locations detected with MODIS (14 - 20 August 2008)

Forest Fires 20 August 2008
Version 1.1
UNOSAT-2008-000143



Fire Detection Summary

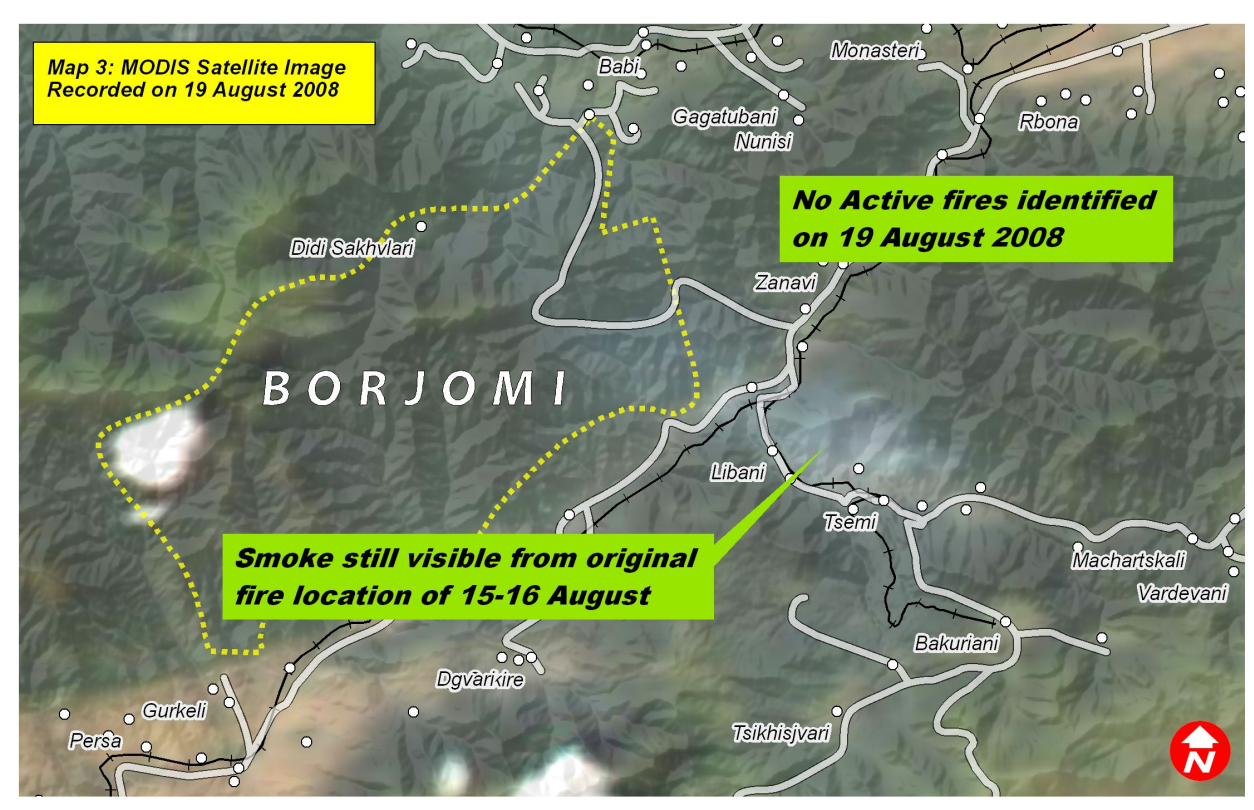
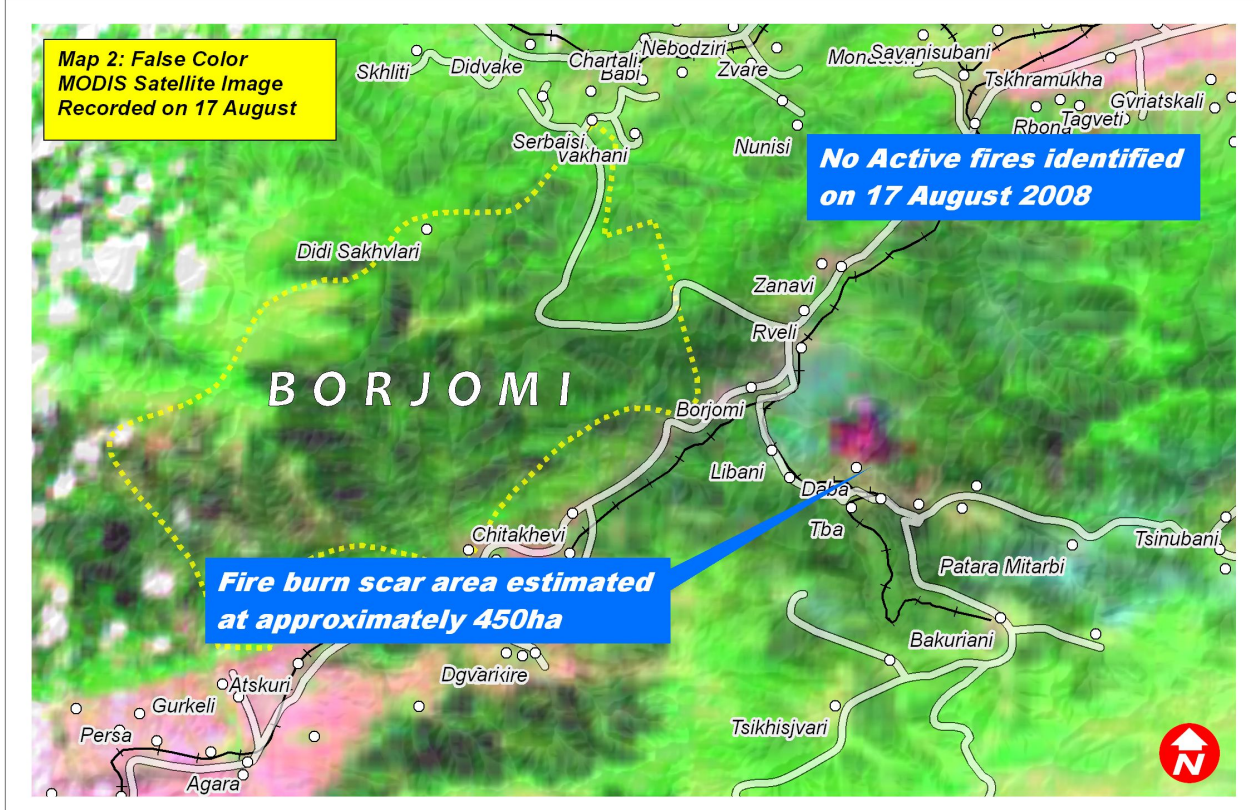
This map illustrates satellite-detected active fire locations near the nature reserve of Borjomi. Fire data from the MODIS satellite system indicates active fires were located outside of Borjomi, approximately 9-10 km east of the park boundary, with smoke and ashes blowing to the west over the park. The fires were first detected on the morning of 15 August 2008 and continued for at least 24 hours. Imagery recorded on 17 and 19 August shows no active fires, however there is still smoke visible. As shown in the image map from 17 August, the visible burned fire scar is approximately 450ha in area.

Map Legend

Population	Administrative
★ Capital	--- International Border
○ Town / Village South Ossetia Approximate Boundary
Transport Lines	Protected Areas
— Main Road Park Boundary (WDPA 2007)
— Secondary Road	
—+—+ Railroad	

Active Fires by Location

- Red Square: MODIS Pixel Area with Detected Fire
- Green Box: Active fire detected within 1km² pixel area of MODIS Aqua / Terra Satellite



Map Scale for A3: 1:290,600

0 1.5 3 6 9 12 Kilometers

Fire Data MODIS Aqua - Terra (NASA)
 Fire Processing U. of Maryland, NASA
 Fire Dates 7 - 20 August 2008
 Analysis UNOSAT
 Protected Data WDPA 2007
 GIS Data USGS, UNEP, UNOSAT
 Map Production UNOSAT (20 August 2008)
 Projection Pulkovo 1995 GK Zone 8N
 Datum Pulkovo 1995

The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. This map was produced by the United Nations Institute for Training and Research (UNITAR) Operational Satellite Applications Program (UNOSAT). UNOSAT provides satellite imagery & related geographic information to UN humanitarian & development agencies & their implementing partners.

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