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Civil Conflict



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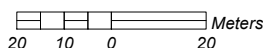
Analysis of the Tunisian Transitional Camp - 8.5 km West of the Ra's Ajdir Border Crossing Facility (As of 3 March 2011 - 11:26 am Local Time)

ANALYSIS SUMMARY: Based on automated shelter detection analysis using satellite imagery recorded 3 March 2011, a total of 1,107 tent shelters were identified within the transitional camp site measuring 19.4ha in size. Of this total, 1,003 tents were likely erected for displaced people, with a further 104 tents likely allocated for camp staff and local authorities. Based on a measurement of the average tent size, it is

estimated that the current camp population capacity is approximately 5,000 people. There is currently ground prepared for an estimated 600 additional tents which could thus accommodate over 3,000 more displaced persons. The camp site could be readily expanded beyond its current configuration if needed.



Map scale for A4: 1:1,600



Note: Map has been rotated 180 degrees from North to improve image visualization

WorldView-02 satellite image recorded 03 March 2011

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(UNITAR), providing satellite imagery and related geographic information, research and analysis to UN humanitarian & development agencies & their implementing partners.

Satellite Data (1): WorldView-02
Imagery Dates: 3 March 2011
Resolution: 50 cm
Copyright: DigitalGlobe 2011

Source: European Space Imaging
Road and Camp Data: UNOSAT
Other Data: USGS, NGA
Analysis: UNITAR / UNOSAT

Production: UNITAR / UNOSAT
Coordinate System: UTM Zone 33N
Datum: WGS 1984
Analysis conducted with ArcGIS v10



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4 March 2011 -14:00 UTC - Version 1.0

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Camp Center: lat: 33.1405N Long: 11.4619E

Tunisian Transitional Camp Analysis

By UNITAR/UNOSAT – 4 March 2011

ANALYSIS BACKGROUND: This is a satellite-based quantitative analysis of the newly-established transitional camp for displaced peoples fleeing the conflict in Libya, located along the southern side of highway route P1, 8.5 kilometers west of the Ra's Ajdir border crossing facility in Ben Guerane, Tunisia. This assessment provides an estimate of the number of tent shelters erected within the camp, the average approximate tent size, and the derived potential current population capacity, as based on satellite imagery recorded on the morning of 3 March 2011¹. Two annotated maps of this analysis are included for reference (see pages 3-4). This report is part of an on-going satellite monitoring program of UNITAR/UNOSAT of the Libyan crisis in support of international humanitarian assistance and created to respond to the needs of UN agencies and their partners. Additional analytical reports and updates will be produced in the coming days based on new satellite imagery tasking and analysis.

TENT SHELTER COUNT ANALYSIS RESULTS:

An automated shelter detection analysis was conducted using satellite imagery recorded on 3 March 2011². A total of 1,107 tent shelters were identified with a high degree of confidence within the well-defined and structured transitional camp site encompassing a current area approximately 19.4 ha in size. Of this total, 1,003 tents were likely erected for displaced people, with a further 104 tents likely allocated for local and international humanitarian authorities responsible for the camp creation and security. The average tent measured approximately 3m x 6m (or 18m² in area). Based on official UNHCR recommended standards³ this would allow for a current camp population capacity of a little over 5,000 people. There is currently ground being prepared for an estimated 600 additional tents which could thus accommodate approximately 3,000 more displaced persons. The camp site could also be readily expanded beyond its current configuration if needed. This is a preliminary analysis and has not yet been validated in the field. Please send feedback to UNITAR/UNOSAT at the contact information below.

Contact Information:

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Regional Overview Map for Camp Site Location



¹ The WorldView-2 satellite contains a very high resolution optical sensor with a spatial resolution of 50cm. Imagery provided by European Space Imaging, copyright Digital Globe 2010

² And reviewed for accuracy with standard image interpretation methods.

³ UNHCR Handbook for Emergencies 3rdED (2007)

