

UNOSAT

Security Event

12 January 2011 17:00 UTC - Version 1.0 CE-2010-001201-SDN



Kuajok - UNOSAT analysis 1: Returnee areas and infrastructure development

ANALYSIS SUMARY: This analysis shows the town of Kuajok in South Sudan. The analyzed World View 1 image was acquired on the 22nd of December 2010 and compared against Quickbird 2 imagery recorded on the 26 th of December 2008. Infrastructure development can be identified and is marked with annotations. New buildings and road works are the main changes.



Detail of build-up area in Kuaiok on 26 December 2005

www.unitar.org/unosat

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Detail of new development and buildings on 22 December 2010

Satellite Imagery (left): Quickbird-02 Resolution: 60cm Imagery Date: 26. December 2005 Source: Google Earth Copyright: DigitalGlobe 2010 Report Analysis: UNITAR / UNOSAT

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Satellite Imagery (right): Worldview-01 Resolution: 50cm Imagery Date: 22 December 2010 Source: European Space Imaging Copyright: DigitalGlobe 2010 Projection: UTM Zone 35N Datum: WGS-84

The depiction and use of boundaries, geographic names Nations Institute for Training and Research (UNITAR),



UNOSAT

12 January 2011 -17:00 UTC - Version 1.0 - CE-2010-001201-SDN - (lat: 28.634N lon: 8.087E)

Kuajok, Sudan: Returnee areas and infrastructure development By UNITAR/UNOSAT – 12 January 2011

ANALYSIS BACKGROUND: This is a satellite-based qualitative analysis of the town of Kuajok, located approximately 167 kilometers south of Abyei in Warrab state. Kuajok is currently a destination for returnees to the region following years of displacement due to civil war and its aftereffects. According to the Resident Coordinator Support Office of the UN Mission in Sudan, about 11,189 persons had returned to the Kuajok area in the previous month as part of a government organized resettlement process. While an orderly process overall, the number of returnees have placed strains on food and water disbursements as well as health, educational, and other services.

Infrastructure Changes

Kuajok saw significant development to infrastructure within the satellite image analysis time period from 26 December 2005 and 19 December 2010 as the town increased in size, facilities expanded, and roads multiplied in number. A rapid UNOSAT analysis documented 84 new buildings, an additional 33 new building compounds, the newly paved main road, and 5 new unpaved road segments in the area. Finally, 7 buildings and compounds were removed, often to make way for new roadways.



Contact Information:

Please send additions / corrections to UNITAR / UNOSAT:

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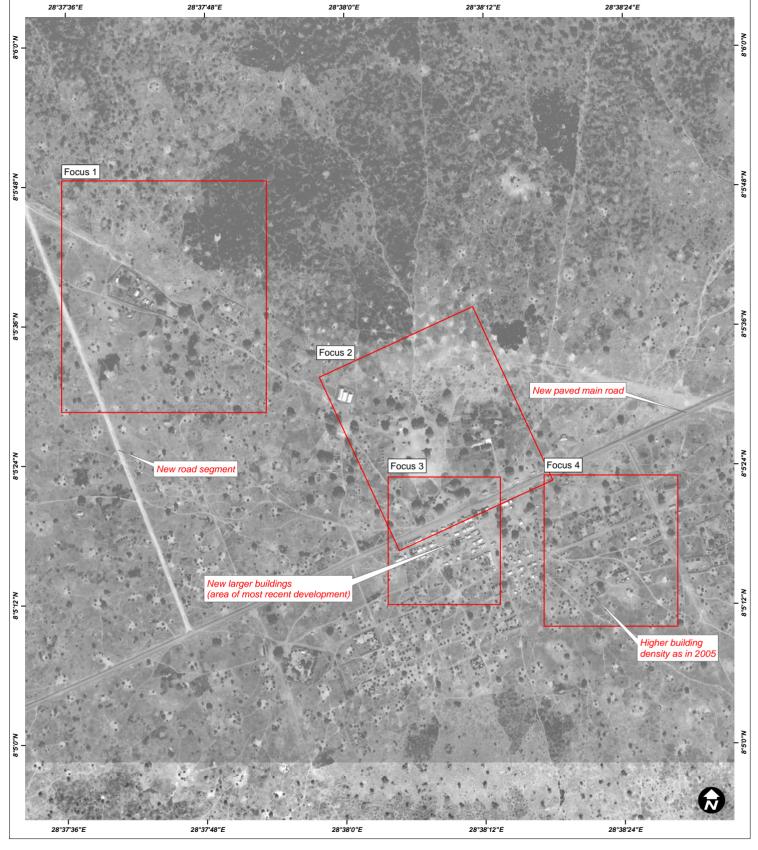
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OVERVIEW OF RETURNEE AREAS AND INFRASTRUCTURE DEVELOPMENT IN KUAJOK, SUDAN



12 January 2011 17:00 UTC - Version 1.0 CE-2010-001201-SDN





Map Scale for A4: 1:10,000



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VISUAL SATELLITE ASSESSMENT:

This map series shows the town of Kuajok and its returnee areas and infrastructure development since 2005. The displayed World View 1 image was acquired on the 22 nd of December 2010. The most obvious changes are road works and new / extented build up areas.

The depiction and use of boundaries, geographic Nations Institute for Training and Research names and related data shown here are not (UNITAR), providing satellite imagery and related warranted to be error-free nor do they imply geographic information, research and analysis to dicial endorsement or acceptance by the United UN humanitarian & development agencies & their Nations. UNOSAT is a program of the United implementing partners.

Satellite Imagery W Resolution 50 Imagery Date 22 Source Di Copyright Di Report Analysis UN Projection UT	i0cm 2 December 2010 DigitalGlobe DigitalGlobe 2010 DITAR / UNOSAT
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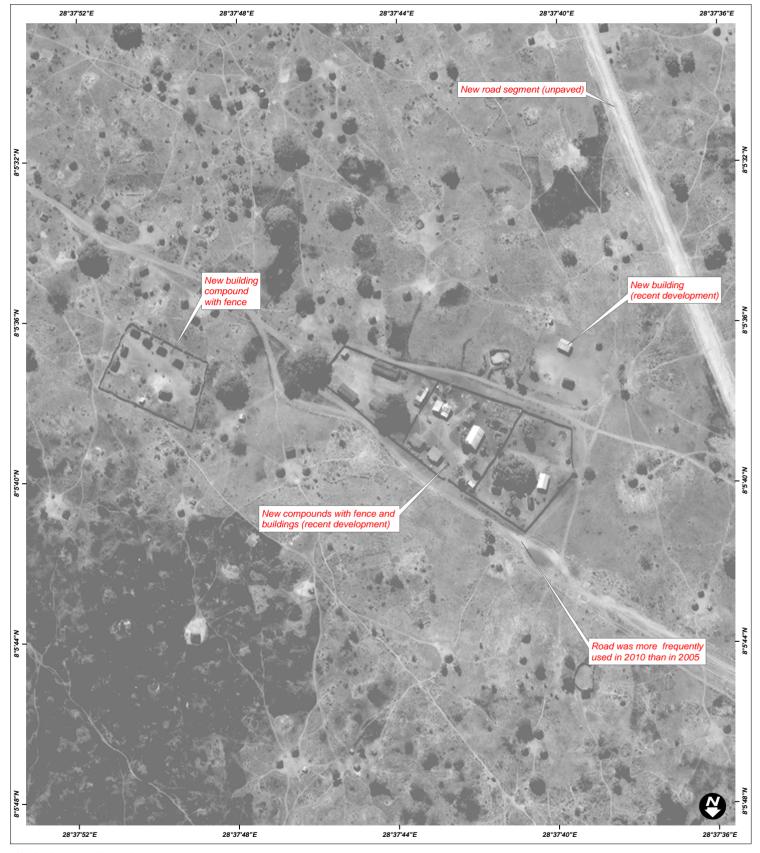


FOCUS 1 OF RETURNIEE AREAS AND INFRASTRUCTURE DEVIELOPMIENT IN KUAJOK, SUDAN

Security Event

12 January 2011 17:00 UTC - Version 1.0 CE-2010-001201-SDN





Map has been rotated by 180 degree

Map Scale for A4: 1:2,900



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Satellite Imagery	50cm 22 December 2010 DigitalGlobe
Copyright	DigitalGlobe 2010 LINITAR / LINOSAT
Projection	UTW Zone 35N WGS-84

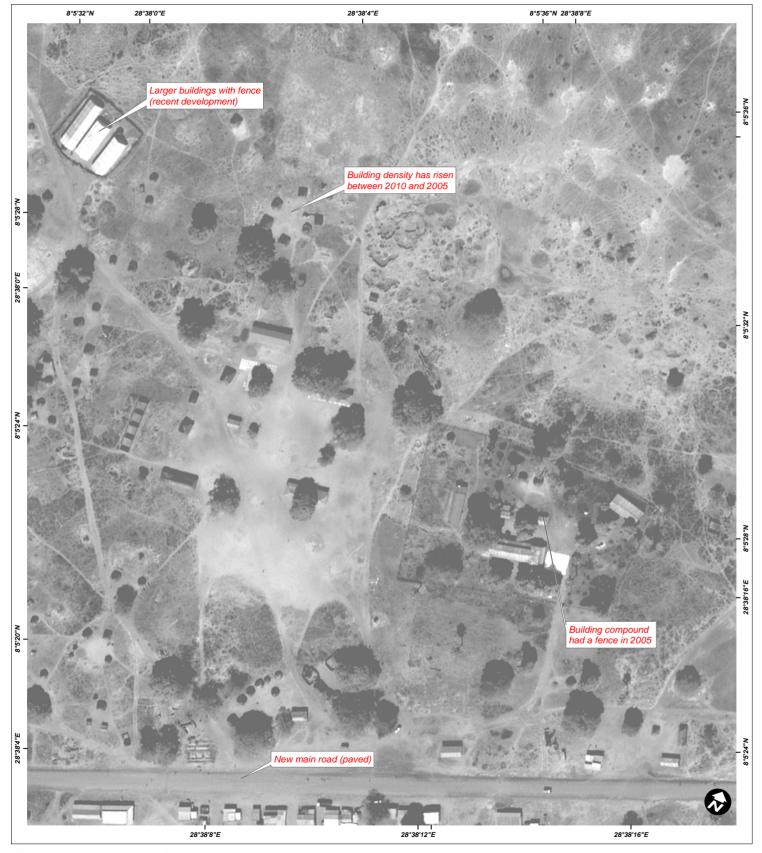


FOCUS 2 OF RETURNIEE AREAS AND INFRASTRUCTURE DEVIELOPMIENT IN KUAJOK, SUDAN



12 January 2011 17:00 UTC - Version 1.0 CE-2010-001201-SDN





Map has been clockwise rotated by 25 degree

Map Scale for A4: 1:2,400



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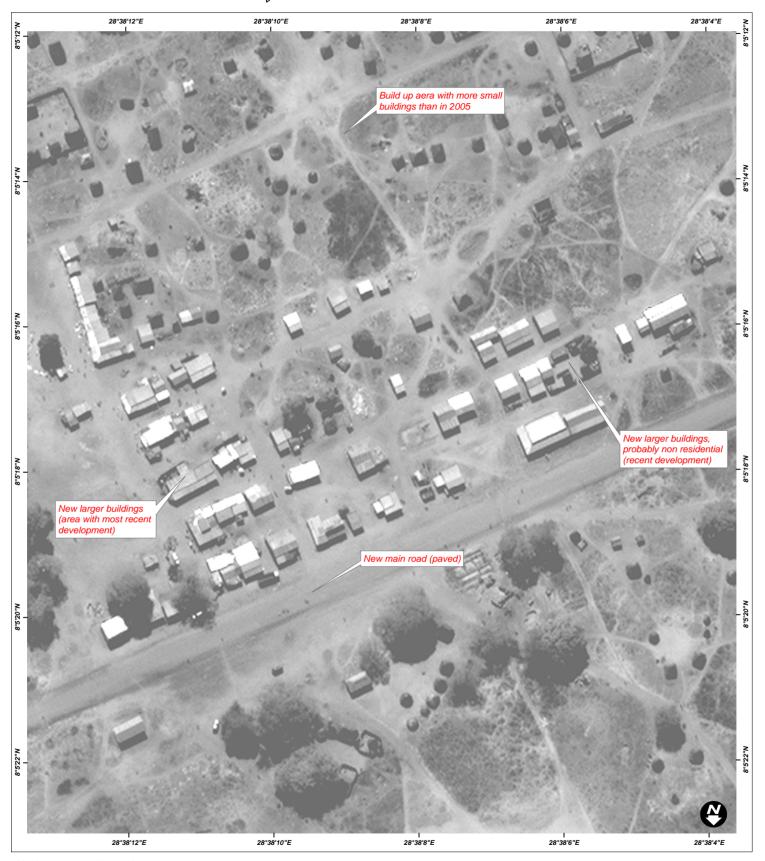


FOCUS 3 OF RETURNEE AREAS AND INFRASTRUCTURE DEVIELOPMIENT IN KUAJOK, SUDAN



12 January 2011 17:00 UTC - Version 1.0 CE-2010-001201-SDN





Map has been rotated by 180 degree

Map Scale for A4: 1:1,600



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VISUAL SATELLITE ASSESSMENT:

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Satellite Imagery W Resolution 56 Imagery Date 19 Source Di Copyright Di Report Analysis UN Projection UT	0cm 9 December 2010 igitalGlobe igitalGlobe 2010 NITAR / UNOSAT
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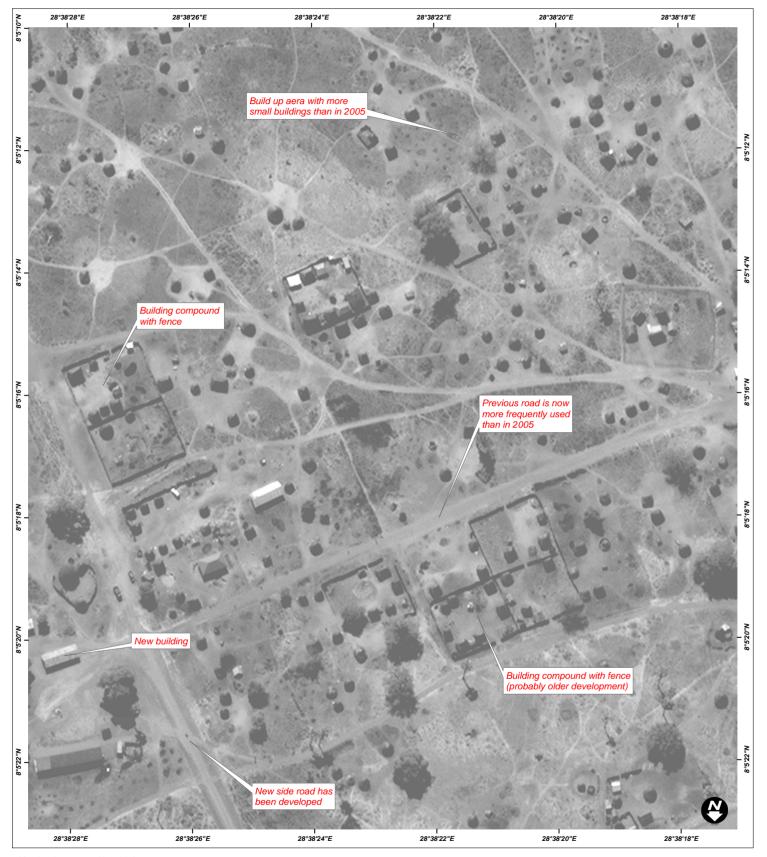


FOCUS 4 OF RETURNIEE AREAS AND INFRASTRUCTURE DEVIELOPMIENT IN KUAJOK, SUDAN



12 January 2011 17:00 UTC - Version 1.0 CE-2010-001201-SDN





Map has been rotated by 180 degree

Map Scale for A4: 1:1,900



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Satellite Imagery W Resolution 55 Imagery Date 15 Source Di Copyright Di Report Analysis UI Projection Ui	iocm 9 December 2010 igitalGlobe igitalGlobe 2010 NITAR / UNOSAT
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