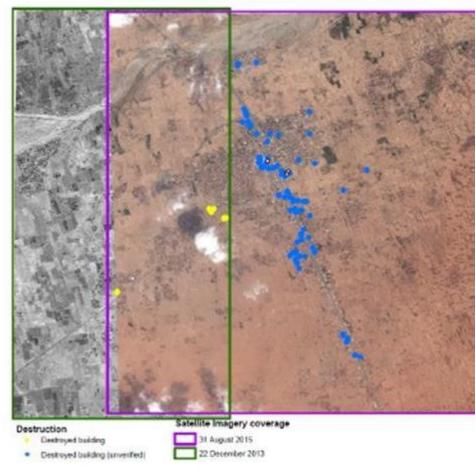
Map 2: Harad

NOTE:

- 1. Safelite imagery covering exact extent of Panel's Area Of Interest (AOI) within specified time fram
- were not available in the archive of Satelite Imagery Vendor.

 2. Panel selected Imagery collected on 22 December 2013 and 31 August 2015. See below image: II outlined in green was collected on 22 December 2013; Image outlined in purple was collected on 31 August 2015.
- 3. The verification of destroyed buildings was conducted in the area overlapping both images. Market yellow circles.
- 4. The observation of destroyed buildings was conducted in the area that does not overlap both imag Marked in blue circles and identified as UNVERIFIED destroyed buildings.
- 5. The observation was conducted based on presence of rubble around buildings with burnt colour as partial destruction of building's shape.



Prepared by Georgiasa Information Section, ICTD, DPS, United Nations imagery enurse. VPM prepared as 2013-12-22 few C7-34 ES (c) DigitalSister, GE1 propulation date 2013-12-23 (c) DigitalSister.

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Destroyed building (unvertied)

Harad, Index, Destructions (before and after)

Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: WV1 acquisition date 2013-12-22 time 07:34:45 (c) DigitalGlobe; GE1 acquisition date 2015-08-31 time 07:46:29 (c) DigitalGlobe

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Harad town - North, P3, destructions (after)

Note: Comparison/verification of destruction could not be performed due to lack of pre-event imagery. Observed destroyed buildings marked in blue and identified as UNVERIFIED. The observation was conducted based on presence of rubble around buildings with burnt color and partial destruction of building's shape.

Prepared by: Geospatial Information Section, ICTD, DFS, United Nations Imagery source: WV1 acquisition date 2013-12-22 time 07:34:45 (c) DigitalGlobe; GE1 acquisition date 2015-08-31 time 07:46:29 (c) DigitalGlobe

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Harad town - Centre, P4, destructions (after)

Note: Comparison/verification of destruction could not be performed due to lack of pre-event imagery. Observed destroyed buildings marked in blue and identified as UNVERIFIED. The observation was conducted based on presence of rubble around buildings with burnt color and partial destruction of building's shape.

Prepared by: Geospatial Information Section, ICTD, DFS, United Nations Imagery source: WV1 acquisition date 2013-12-22 time 07:34:45 (c) DigitalGlobe; GE1 acquisition date 2015-08-31 time 07:46:29 (c) DigitalGlobe

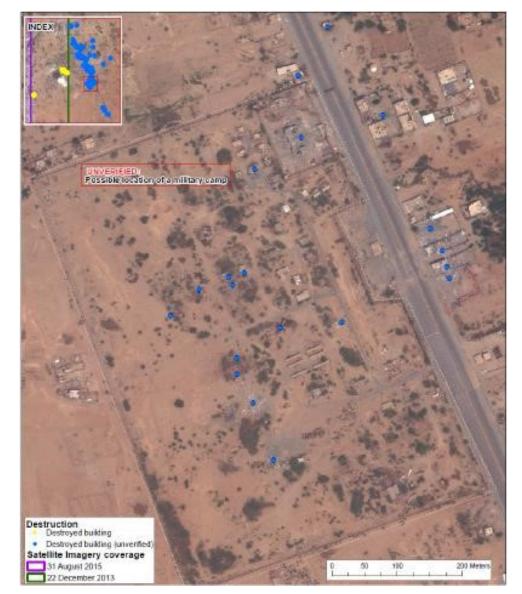
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Harad town - West Imagery as at 22 December 2013 larad town - West magery,as at 31 August 2015 (after Destruction Destroyed building Destroyed building (unverified) Satellite Imagery coverage 38 August 2015 22 December 2013

Harad town - West, P5, destructions (after)

Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: WV1 acquisition date 2013-12-22 time 07:34:45 (c) DigitalGlobe; GE1 acquisition date 2015-08-31 time 07:46:29 (c) DigitalGlobe



Harad town - South, P6, destructions (after)

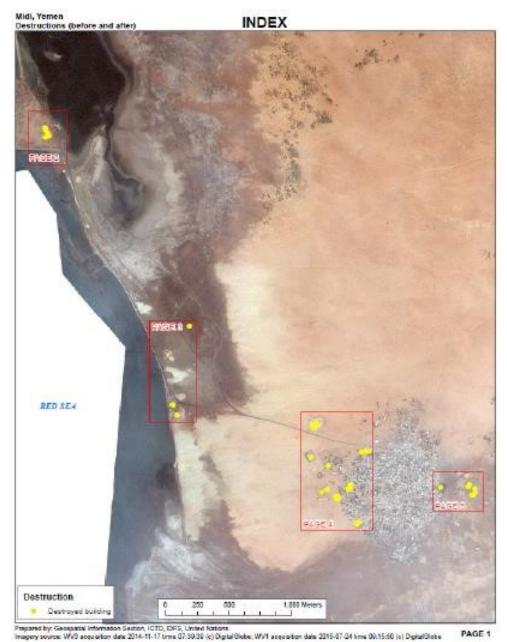
Note: Comparison/verification of destruction could not be performed due to lack of pre-event imagery. Observed destroyed buildings marked in blue and identified as UNVERIFIED. The observation was conducted based on presence of rubble around buildings with burnt colour and partial destruction of building's shape.

Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: WV1 acquisition date 2013-12-22 time 07:34:45 (c) DigitalGlobe; GE1 acquisition date 2015-08-31 time 07:46:29 (c) DigitalGlobe

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Map 3: Port Midi



Port Midi, P2, destructions (after)

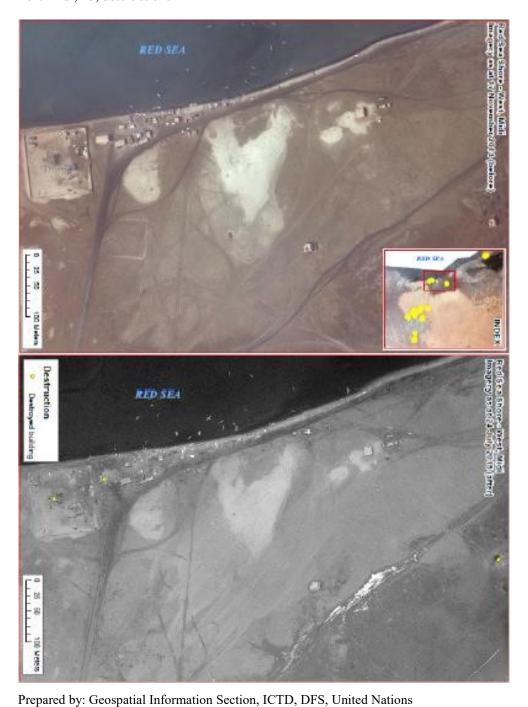


Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: WV3 acquisition date 2014-11-17 time 07:39:39 (c) DigitalGlobe; WV1 acquisition date 2015-07-24 time 09:15:50 (c) DigitalGlobe

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Port Midi, P3, destructions



Imagery source: WV3 acquisition date 2014-11-17 time 07:39:39 (c) DigitalGlobe; WV1 acquisition date 2015-07-24 time 09:15:50 (c) DigitalGlobe

Map 4: Mocha

NOTE:

Prepared by: Geospatial Information Section, ICTD, DFS, United Nations Imagery source: Pléiades acquisition date 2015-03-29 time 07:57:54 (c) Airbus; Pléiades acquisition date 2015-10-04 time 07:55:27 (c) Airbus PAGE 1

- 1. Satellite imagery covering exact extent of Panel's Area Of Interest (AOI) within specified time frame were not available in the archive of Satellite Imagery Vendor.
- 2. Panel selected Imagery collected on 29 March 2015 and 04 October 2015. See below image: Image outlined in green was collected on 29 March 2015; Image outlined in red was collected on 04 October 2015.
- 3. The observation of destroyed or partially destroyed building or constructions on the northern part of Mocha was no possible. Post event imagery of northern Mocha is not available.
- 4. The observation of destroyed buildings was conducted only for imagery overlapping area southern Mocha.

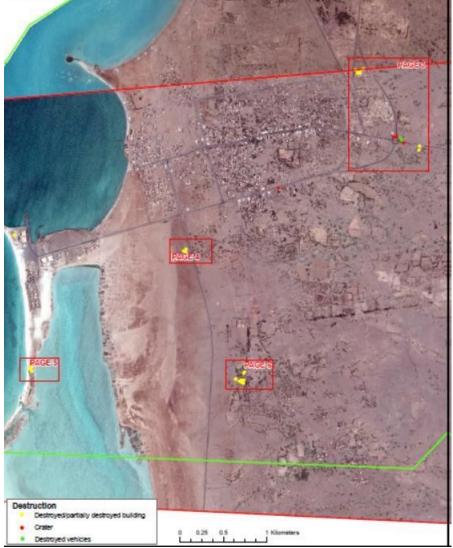


Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-29 time 07:57:54 (c) Airbus; Pléiades acquisition date 2015-10-04 time 07:55:27 (c) Airbus

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Mocha, P2, destructions, Index

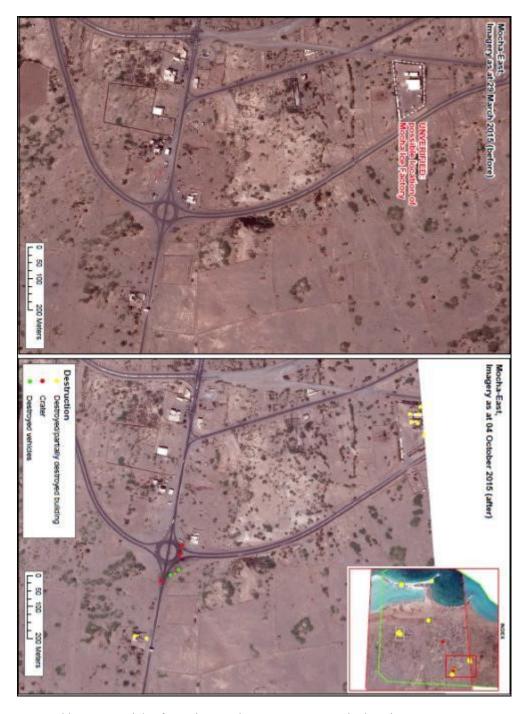


Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-29 time 07:57:54 (c) Airbus; Pléiades acquisition date 2015-10-04 time 07:55:27 (c) Airbus

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Mocha, P3, destructions, Index



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-29 time 07:57:54 (c) Airbus; Pléiades acquisition date 2015-10-04 time 07:55:27 (c) Airbus

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Mocha, P4, destructions, Index



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-29 time 07:57:54 (c) Airbus; Pléiades acquisition date 2015-10-04 time 07:55:27 (c) Airbus

Mocha, P5, destructions, Index



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-29 time 07:57:54 (c) Airbus; Pléiades acquisition date 2015-10-04 time 07:55:27 (c) Airbus

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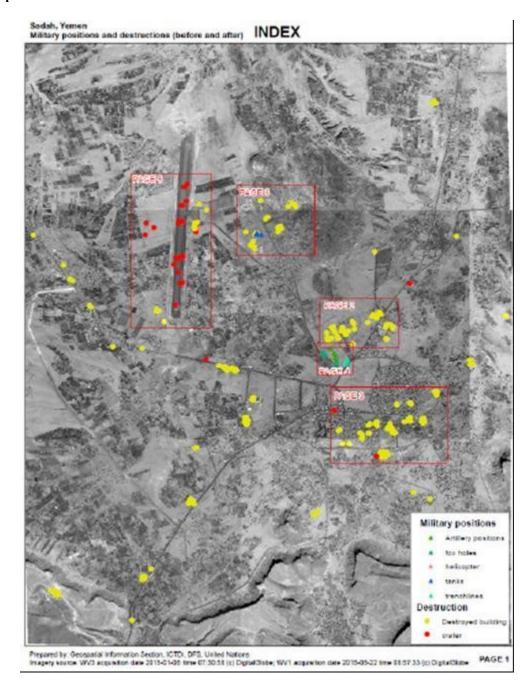
Mocha, P6, destructions, Index



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

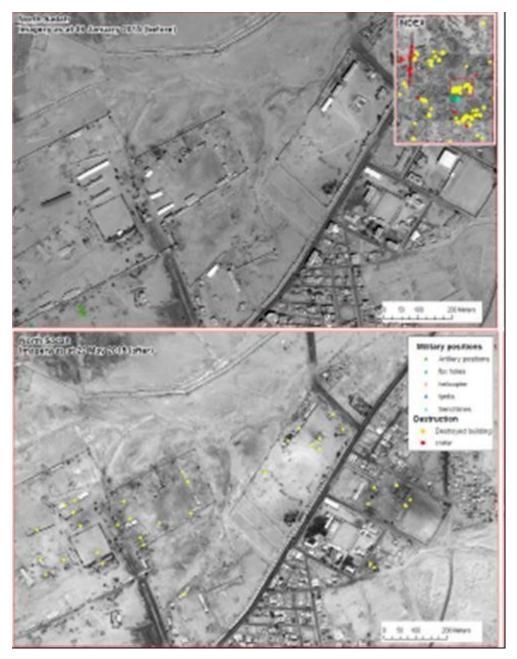
Imagery source: Pléiades acquisition date 2015-03-29 time 07:57:54 (c) Airbus; Pléiades acquisition date 2015-10-04 time 07:55:27 (c) Airbus

Map 5: Sa'dah

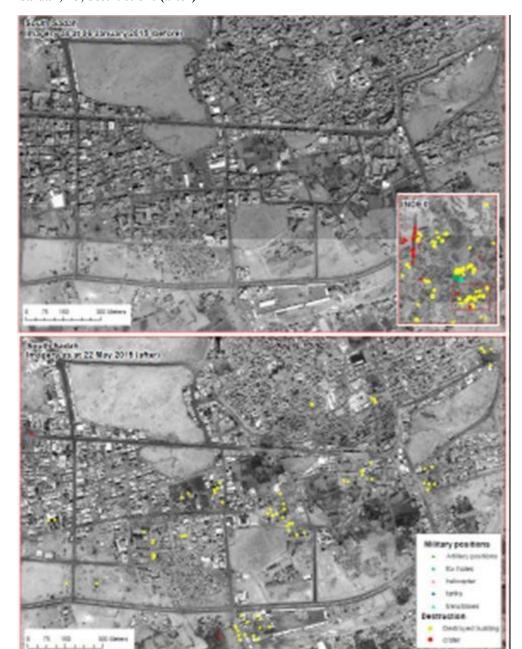


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Sa'dah, P2, destructions (after)



Imagery source: WV3 acquisition date 2015-01-06 time 07:30:58 (c) DigitalGlobe; WV1 acquisition date 2015-05-22 time 08:57:33 (c) DigitalGlobe

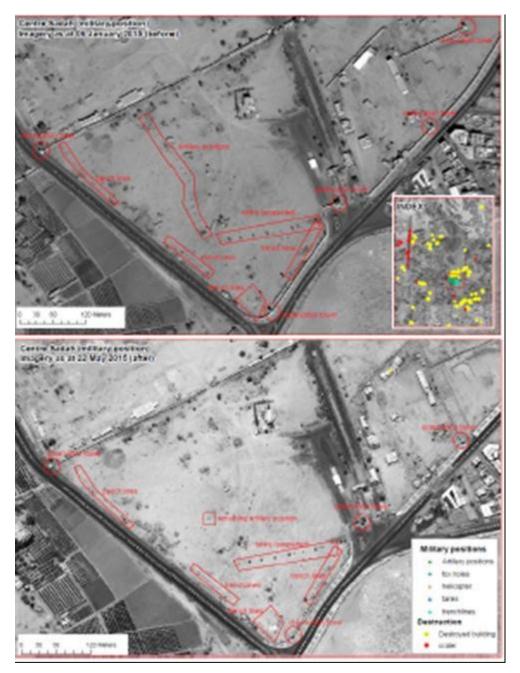


Sa'dah, P3, destructions (after)

Imagery source: WV3 acquisition date 2015-01-06 time 07:30:58 (c) DigitalGlobe; WV1 acquisition date 2015-05-22 time 08:57:33 (c) DigitalGlobe

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Sa'dah, P4, Military positions



Imagery source: WV3 acquisition date 2015-01-06 time 07:30:58 (c) DigitalGlobe; WV1 acquisition date 2015-05-22 time 08:57:33 (c) DigitalGlobe

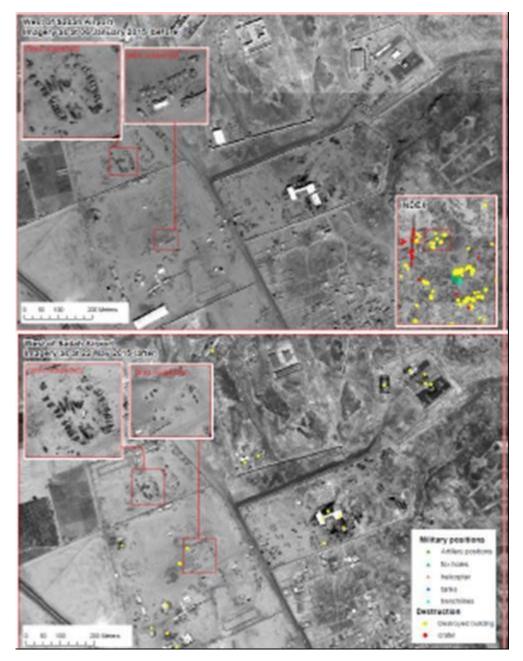
Sa'dah Airport, P5, destructions (after)



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations Imagery source: WV3 acquisition date 2015-01-06 time 07:30:58 (c) DigitalGlobe; WV1 acquisition date 2015-05-22 time 08:57:33 (c) DigitalGlobe

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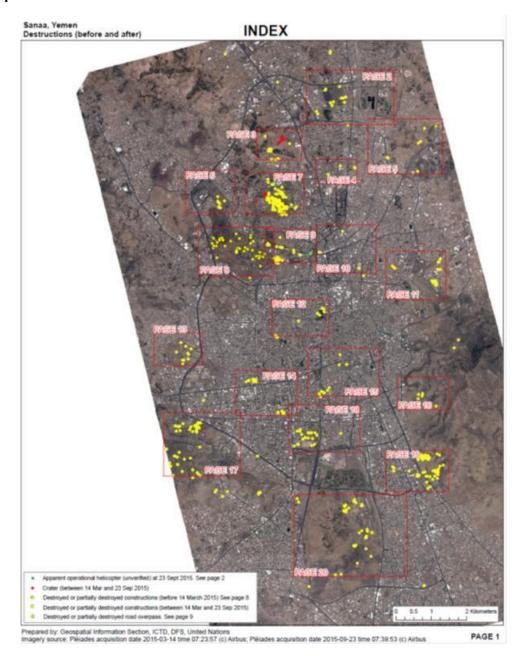
Sa'dah, P6, destructions (after)



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: WV3 acquisition date 2015-01-06 time 07:30:58 (c) DigitalGlobe; WV1 acquisition date 2015-05-22 time 08:57:33 (c) DigitalGlobe

Map 6: Sana'a



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Sana'a, P2, destructions (after)



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

Sana'a, P3, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

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Sana'a, P4, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

Sana'a, P5, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

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Sana'a, P6, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

Sana'a, P6, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

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Sana'a, P8, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

Sana'a, P9, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

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Sana'a, P10, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

Sana'a, P11, destructions

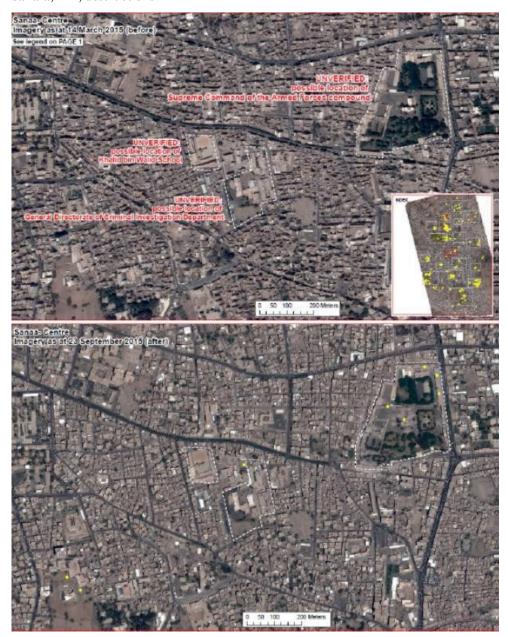


Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

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Sana'a, P12, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

Sana'a, P13, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

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Sana'a, P14, destructions



Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

Sana'a, P15, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

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Sana'a, P16, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

Sana'a, P17, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

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Sana'a, P18, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

Sana'a, P19, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

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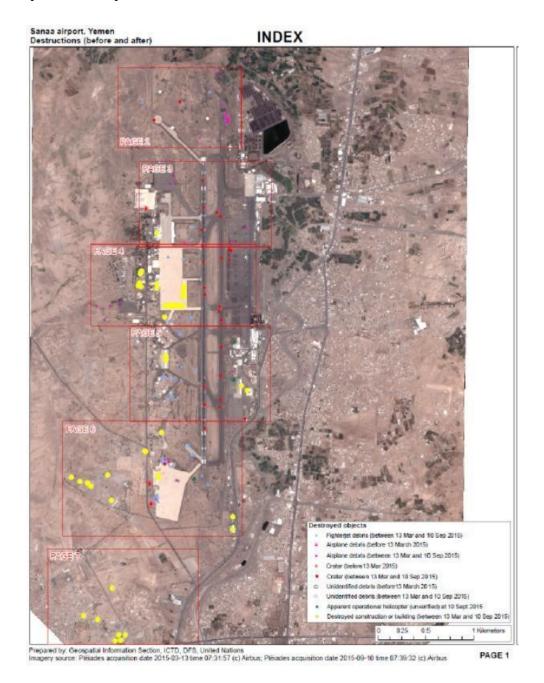
Sana'a, P20, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

Map 7: Sana'a airport



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Sana'a airport, P2, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

Sana'a airport, P3, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

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Sana'a airport, P4, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

Sana'a airport, P5, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

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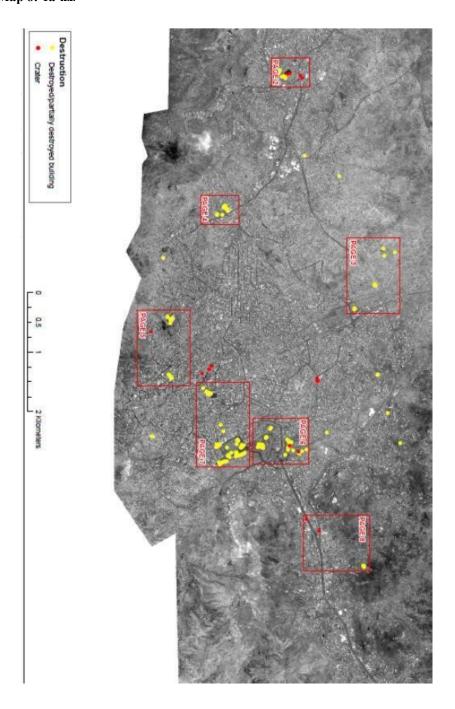
Sana'a airport, P6, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-03-14 time 07:23:57 (c) Airbus; Pléiades acquisition date 2015-09-23 time 07:39:53 (c) Airbus

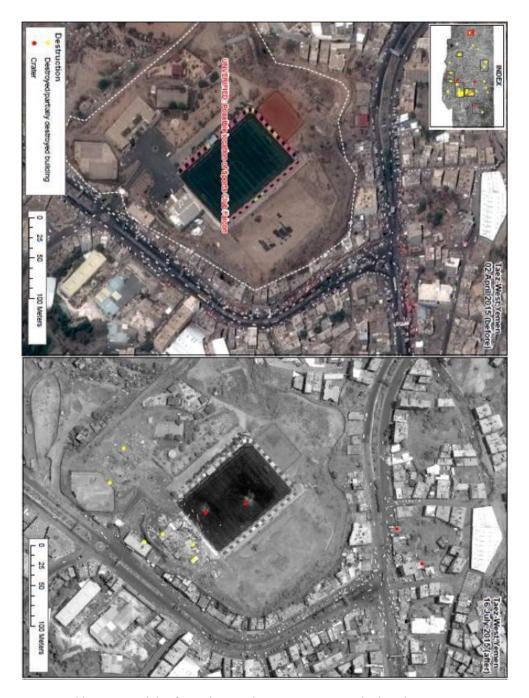
Map 8: Ta'izz



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

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Ta'izz, P2, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Ta'izz, P3, destructions

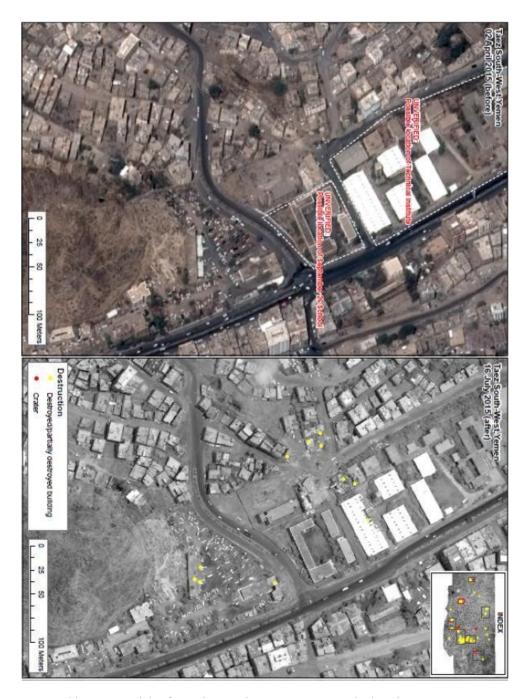


Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-04-02 time 07:28:40 (c) Airbus; World View 1 acquisition date 2015-07-16 time 09:07:58 (c) Digital Globe

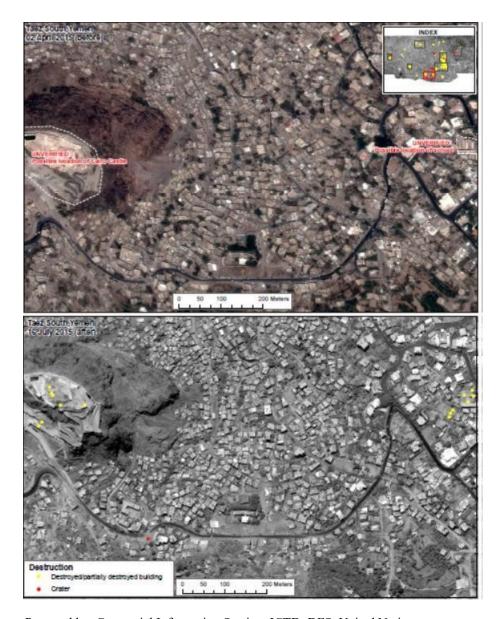
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Ta'izz, P4, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Ta'izz, P5, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-04-02 time 07:28:40 (c) Airbus; World View 1 acquisition date 2015-07-16 time 09:07:58 (c) Digital Globe

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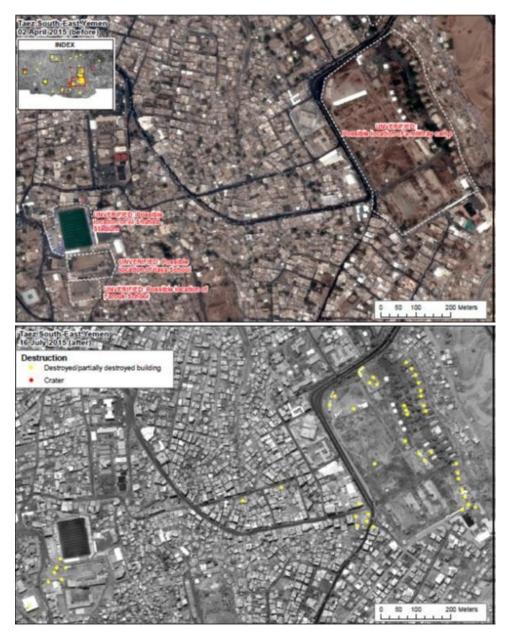
Ta'izz, P6, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-04-02 time 07:28:40 (c) Airbus; World View 1 acquisition date 2015-07-16 time 09:07:58 (c) Digital Globe

Ta'izz, P7, destructions

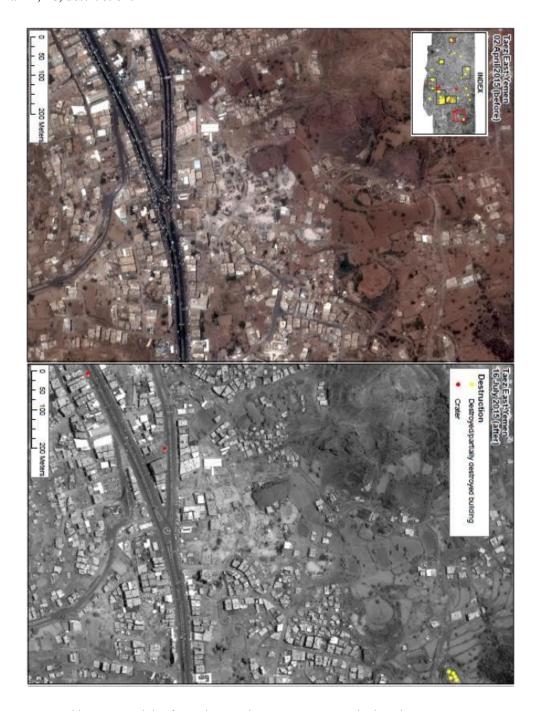


Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

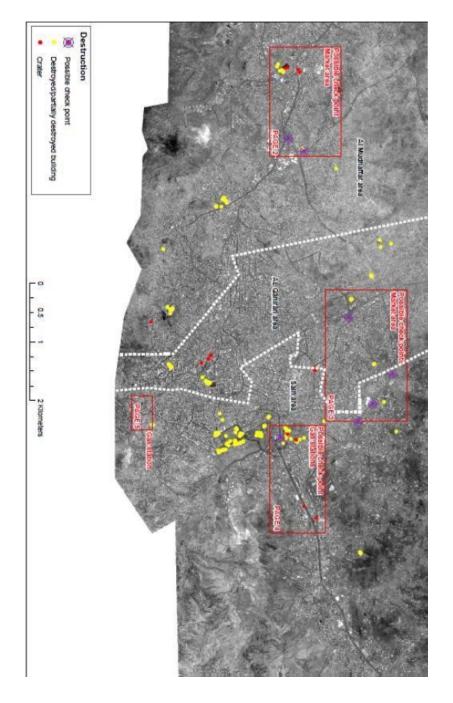
Imagery source: Pléiades acquisition date 2015-04-02 time 07:28:40 (c) Airbus; World View 1 acquisition date 2015-07-16 time 09:07:58 (c) Digital Globe

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Ta'izz, P8, destructions



Prepared by: Geospatial Information Section, ICTD, DFS, United Nations



Ta'izz, Possible check points, situation on markets and gas stations, Index

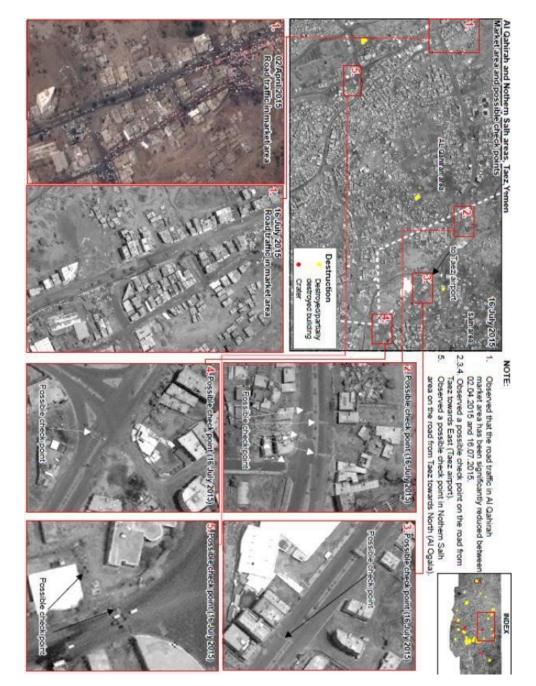
Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

Imagery source: Pléiades acquisition date 2015-04-02 time 07:28:40 (c) Airbus; World View 1 acquisition date 2015-07-16 time 09:07:58 (c) Digital Globe

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Ta'izz, Possible check points, situation on markets and gas stations, P2

Prepared by: Geospatial Information Section, ICTD, DFS, United Nations



Ta'izz, Possible check points, situation on markets and gas stations, P3

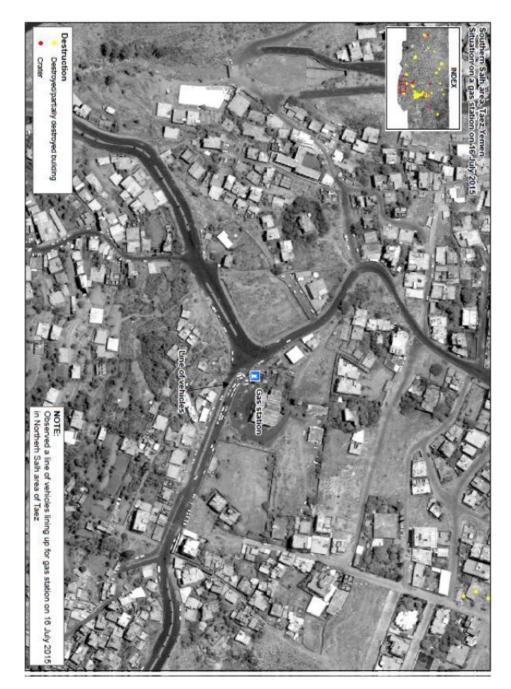
Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

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Ta'izz, Possible check points, situation on markets and gas stations, P4

Prepared by: Geospatial Information Section, ICTD, DFS, United Nations



Ta'izz, Possible check points, situation on markets and gas stations, P5

Prepared by: Geospatial Information Section, ICTD, DFS, United Nations

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