

23 February 2026

United Nations Office for the Coordination of Humanitarian Affairs - Occupied Palestinian Territory

UNOSAT Comprehensive Damage Assessment and Security Analysis of
Tulkarm, Nur Shams and Jenin Refugee Camps in
Tulkarm and Jenin Governorates, West Bank, Occupied Palestinian Territory

WEST BANK



Jenin Camp

Tulkarm Camp
and
Nur Shams Camp

West Bank - Overview

Image center:
31°52'10.4"N
35°13'14.6"E



UNOSAT conducted an updated satellite imagery-based comprehensive building and road damage assessment and a security analysis within the perimeter of the following refugee camps, in the West Bank, Occupied Palestinian Territory:

- Tulkarem Camp, Tulkarem Governorate
- Nur Shams Camp, Tulkarem Governorate
- Jenin Camp, Jenin Governorate

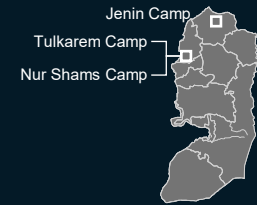
This report highlights a comprehensive building, infrastructure, and road damage assessment, and a security analysis. Based on the severity scale, the building and infrastructure damage assessment has been categorised into three levels: destroyed, severely damaged, and moderately damaged. The confidence level of the analysis was determined by evaluating the extent of visible damage observed on imagery, along with other indicators such as debris. The road damage assessment has been categorised into three levels as well: widened road, damaged road and new road. The Security analysis shows visible military activities on imagery, such as the presence of military vehicles, roadblocks and berms blocking road access.

UNOSAT acquired satellite images collected on 05 February 2026, on 26 January 2026, on 16 October 2025, on 21 May 2025, on 12 March 2025, on 21 October 2023, and on 17 June 2023. These images were then used for comparison and to detect changes within the areas of interest.

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COMPREHENSIVE DAMAGE ASSESSEMENT



UNOSAT conducted a satellite imagery-based comprehensive building and infrastructure damage assessment within the perimeter of the following refugee camps, in the West Bank, Occupied Palestinian Territory:

- Tulkarem Camp, Tulkarem Governorate.
- Nur Shams Camp, Tulkarem Governorate.
- Jenin Camp, Jenin Governorate.

This report highlights a comprehensive building and infrastructure damage assessment (CDA). Based on the severity scale, the CDA has been categorized into three levels:

- Destroyed
- Severely damaged
- Moderately damaged

The confidence level of the analysis was determined by evaluating the extent of visible damage observed on imagery, along with other indicators such as debris.

UNOSAT acquired satellite images collected on 05 February 2026, on 26 January 2026, on 16 October 2025, on 21 May 2025, on 12 March 2025, on 21 October 2023, and 17 June 2023. These images were then used for comparison and to detect changes within the areas of interest.



[Issam Rimawi – Anadolu Agency, 06 March 2025]

AP, April 2024

Comprehensive damage assessment Jenin Camp



This map illustrates a UNOSAT satellite imagery-based comprehensive assessment of damage and destruction to structures within Jenin Camp, Jenin Governorate, West Bank, Occupied Palestinian Territory, based on images collected on 26 January 2026 when compared to an image collected on 16 October 2025.

The Jenin Camp is located 78 km north of East Jerusalem and covers an area of approximately 0.42 km².

According to the satellite imagery analysis, UNOSAT identified 209 destroyed structures, 118 severely damaged structures, and 353 moderately damaged structures for a total of 680 structures. These correspond to around 53% of the total structures that have been damaged in Jenin Camp. This is a preliminary analysis and has not yet been validated in the field.

Legend

- Destroyed (209)
- Severely damaged (118)
- Moderately damaged (353)
- Jenin Camp boundary

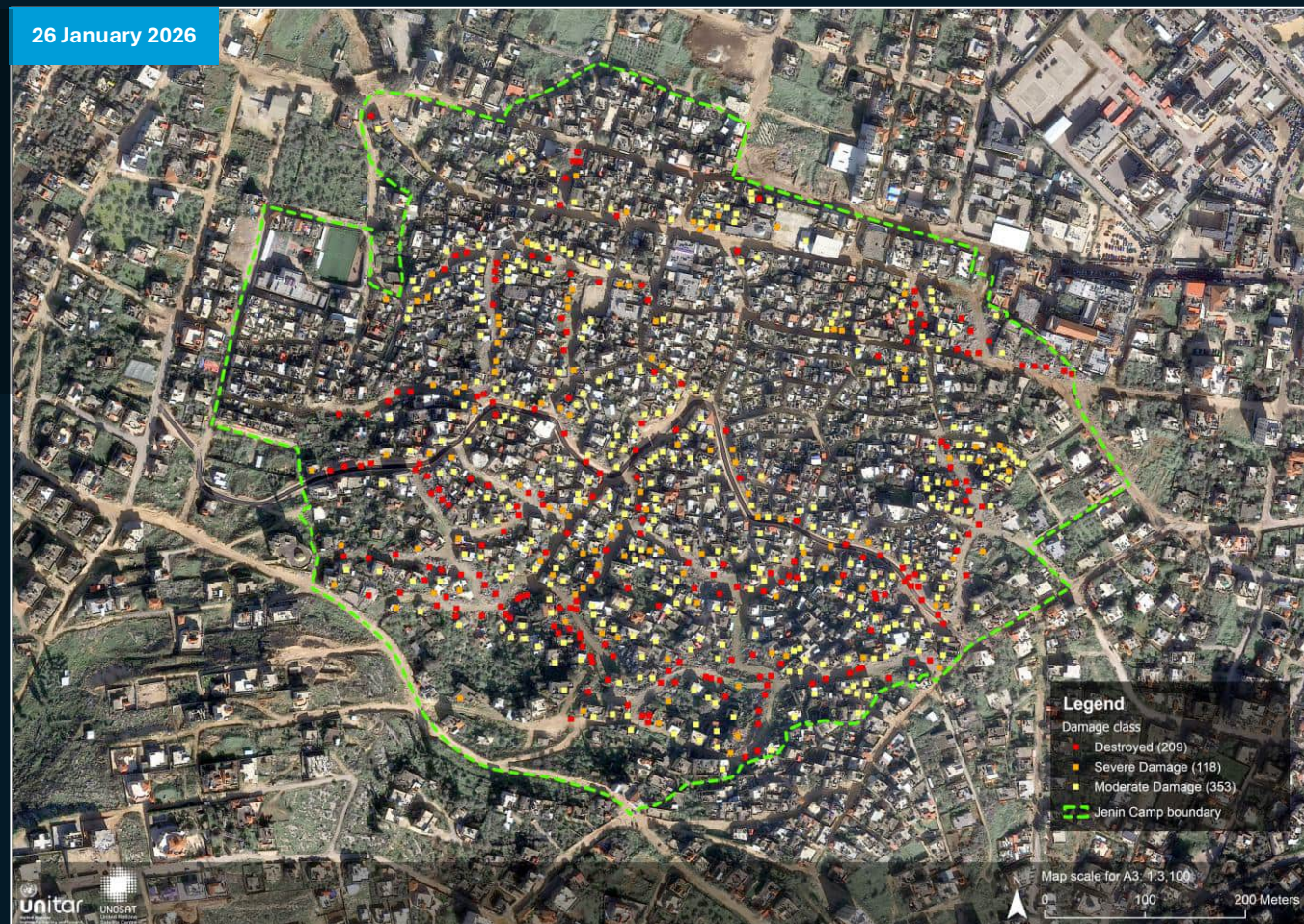


Image center: 32°27'37.2"N 35°17'16.0"E

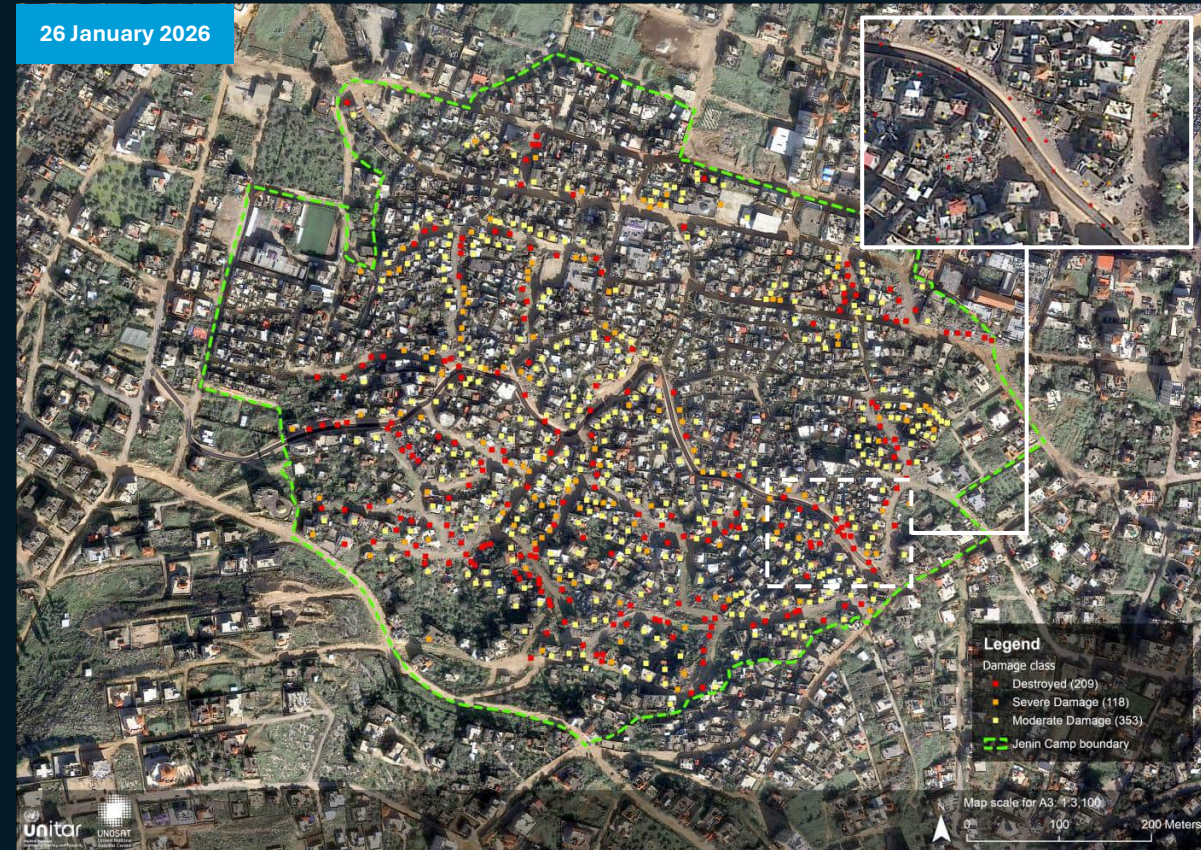
Pleiades NEO image collected on 26 January 2026

Comprehensive damage assessment Jenin Camp

Image center:
32°27'37.2"N
35°17'16.0"E



Changes observed



UNOSAT acquired two Pleiades NEO satellite images of Jenin Camp, Jenin Governorate, West Bank, Occupied Palestinian Territory, collected on 16 October 2025 and 26 January 2026. As of 26 January 2026, compared to 16 October 2025, increase in damage level on buildings, additional damaged and destroyed buildings were observed, increasing the total number of affected structures in Jenin Camp from 676 to 680. These damaged and destroyed buildings were mainly observed along a new paved road (highlighted in slide 13), crossing the camp.

Comprehensive damage assessment Nur Shams Camp

This map illustrates a UNOSAT satellite imagery-based comprehensive assessment of damage and destruction to structures within Nur Shams Camp, Tulkarem Governorate, West Bank, Occupied Palestinian Territory, based on images collected on 05 February 2026 when compared to an image collected on 16 October 2025.

The Nur Shams Camp is located 63.5 km northwest of East Jerusalem and covers an area of approximately 0.32 km².

According to the satellite imagery analysis, UNOSAT identified 171 destroyed structures, 39 severely damaged structures, and 224 moderately damaged structures for a total of 434 structures. These correspond to around 55% of the total structures in Nur Shams Camp. This is a preliminary analysis and has not yet been validated in the field.

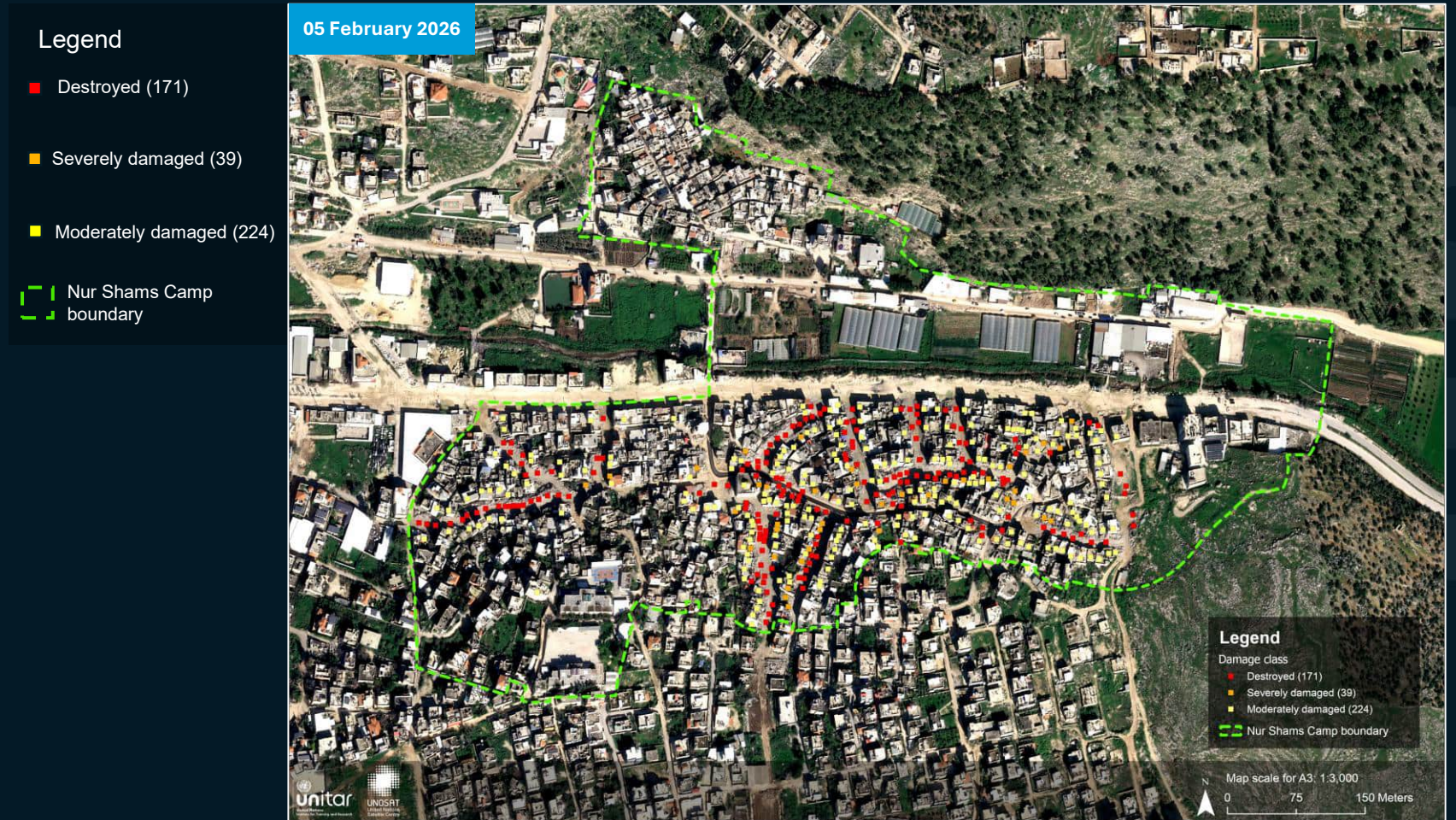


Image center: 32°19'08.7"N 35°03'39.0"E

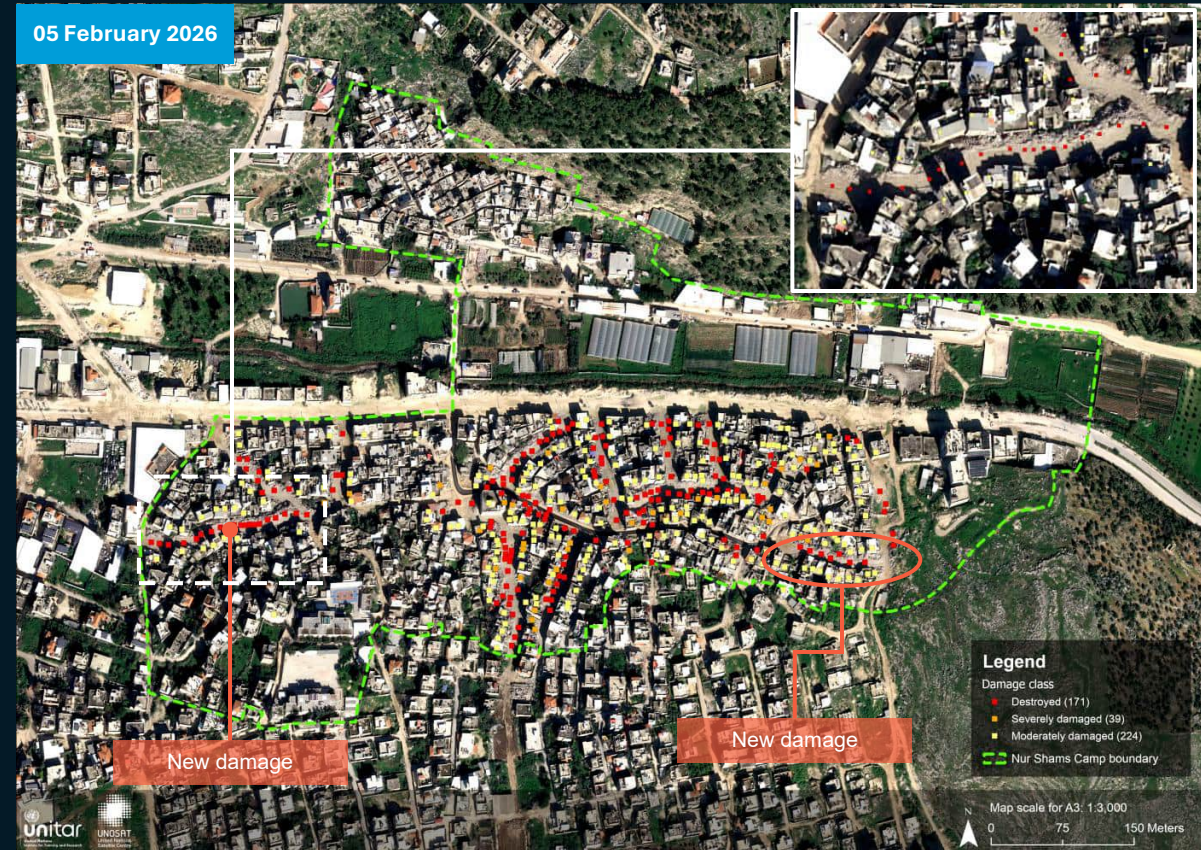
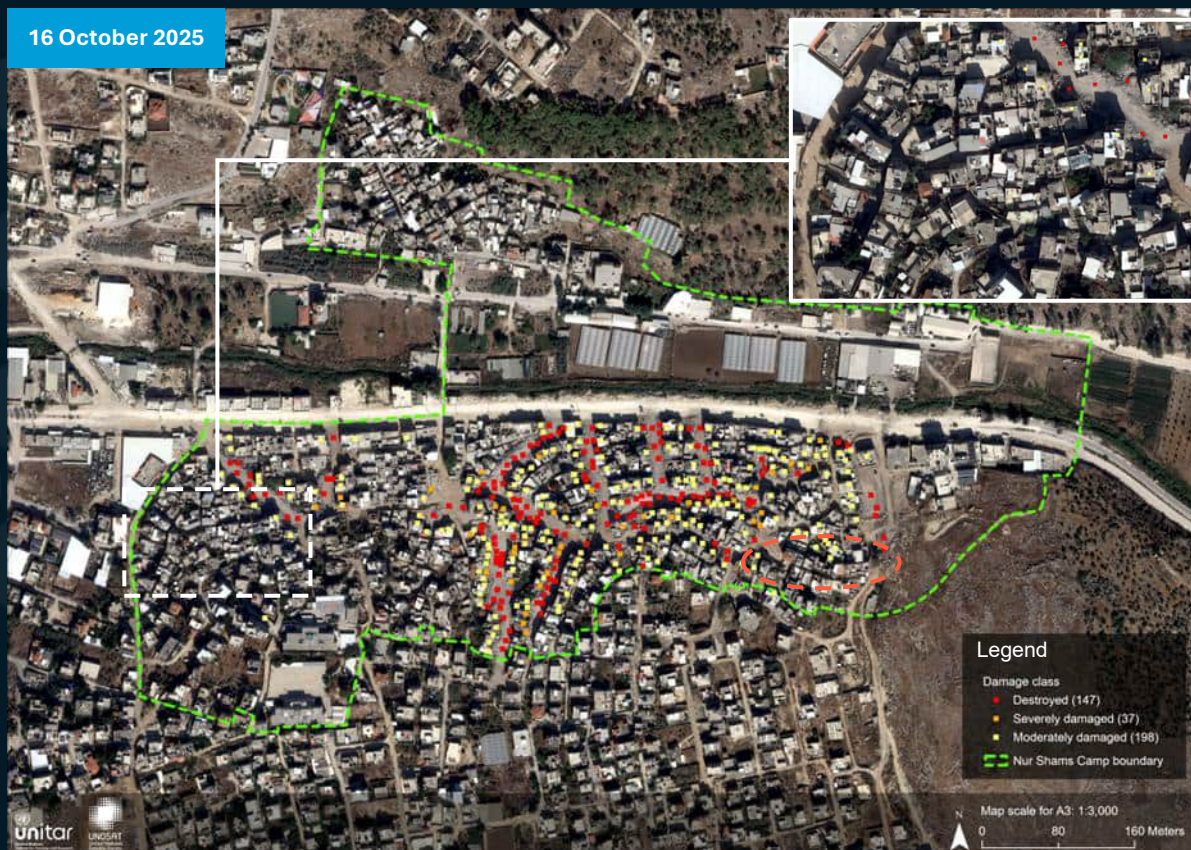
Pleiades NEO image collected on 05 February 2026

Comprehensive damage assessment Nur Shams Camp

Image center:
32°19'08.7"N
35°03'39.0"E



Changes observed



UNOSAT acquired two Pleiades NEO satellite images of Nur Shams Camp, Tulkarem Governorate, West Bank, Occupied Palestinian Territory, collected on 16 October 2025 and 05 February 2026. As of 05 February 2026, compared to 16 October 2025, additional damaged and destroyed buildings were observed, where new widened pathways have been carved, and increasing the total number of affected structures in Nur Shams Camp from 382 to 434.

Comprehensive damage assessment Tulkarem Camp

This map illustrates a UNOSAT satellite imagery-based comprehensive assessment of damage and destruction to structures within Tulkarem Camp, Tulkarem Governorate, West Bank, Occupied Palestinian Territory, based on images collected on 05 February 2026 when compared to an image collected on 16 October 2025.

The Tulkarem Camp is located 62 km northwest of East Jerusalem and covers an area of approximatively 0.18 km².

According to the satellite imagery analysis, UNOSAT identified 257 destroyed structures, 50 severely damaged structures, and 100 moderately damaged structures for a total of 407 structures. These correspond to around 37% of the total 1105 structures found in Tulkarem Camp. This is a preliminary analysis and has not yet been validated in the field.



Image center: 32°19'08.7"N 35°03'39.0"E

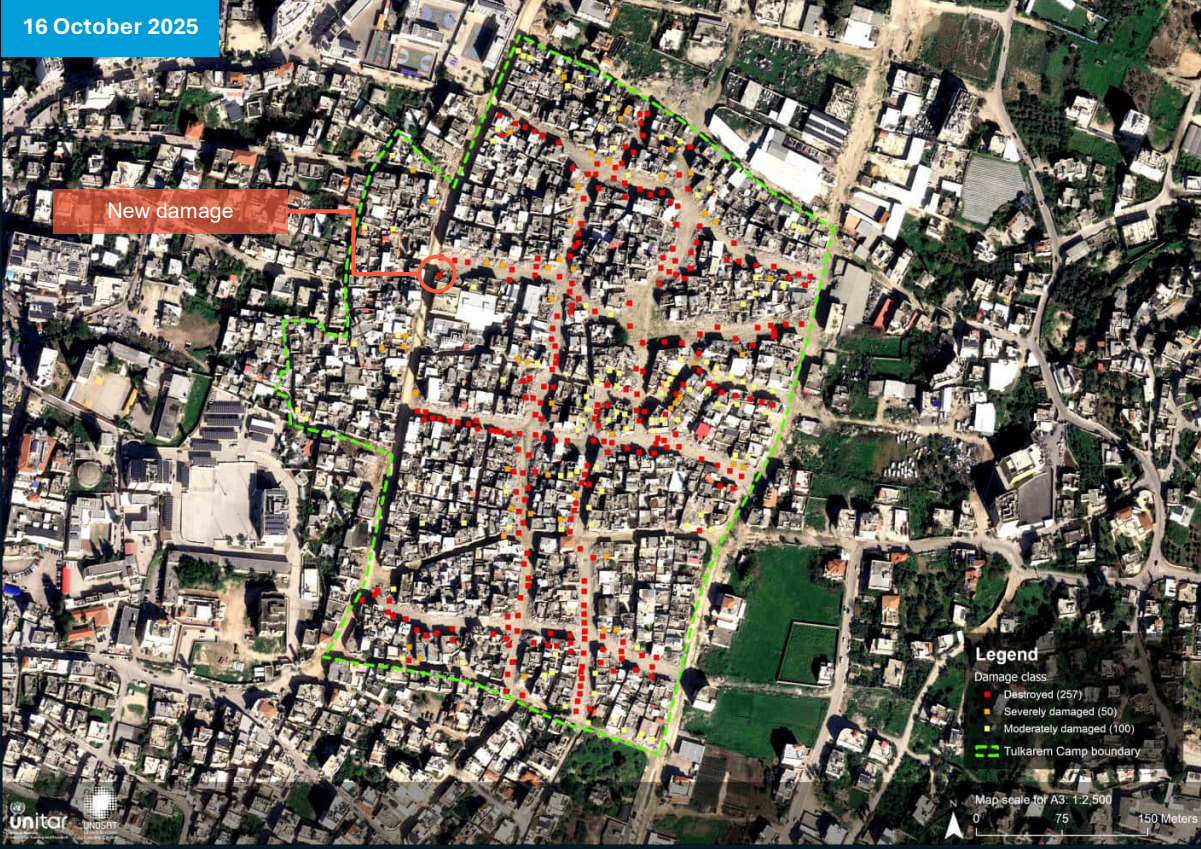
Pleiades NEO image collected on 05 February 2026

Comprehensive damage assessment Tulkarem Camp

Image center:
32°18'48.6"N
35°02'07.8"E

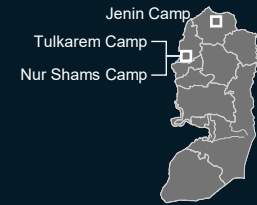


Changes observed



UNOSAT acquired two Pleiades NEO satellite images of Tulkarem Camp, Tulkarem Governorate, West Bank, Occupied Palestinian Territory, collected on 05 February 2026 and 16 October 2025. As of 05 February 2026, when compared to 16 October 2025, new damaged and destroyed buildings were visible, and the total count of damaged and destroyed structures identified in Tulkarem Camp increased from 402 to 407.

ROAD DAMAGE ASSESSMENT



UNOSAT conducted a satellite imagery-based comprehensive damage assessment within the perimeter of the following refugee camps, in the West Bank, Occupied Palestinian Territory:

- Tulkarem Camp, Tulkarem Governorate.
- Nur Shams Camp, Tulkarem Governorate.
- Jenin Camp, Jenin Governorate.

This report highlights a road damage assessment. The road damage assessment is categorized into three levels:

- **Widened road** (damaged and widened roads, passing through damaged or destroyed buildings, carved roads).
- **Damaged road** (asphalt/concrete removed, or revealing dusty and muddy surfaces).
- **New paved road** (newly paved road connection crossing the camp).

UNOSAT acquired satellite images collected, on 05 February 2026, on 26 January 2026, on 16 October 2025, on 21 May 2025, on 12 March 2025, on 21 October 2023, and 17 June 2023. These images were then used for comparison and to detect changes within the areas of interest.



The Palestinian Information Center, 3 September 2025

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Road damage assessment Jenin Camp



This map illustrates a UNOSAT satellite imagery-based comprehensive assessment of damage to roads within Jenin Camp, Jenin Governorate, West Bank, Occupied Palestinian Territory, based on images collected on 26 January 2026 when compared to an image collected on 16 October 2025.

According to the satellite imagery analysis, UNOSAT identified a new paved road (blue line, on the right hand-side map) crossing Jenin Camp, and increasing the level of damaged buildings in this area, as of 26 January 2026. This new road connects the western boundary and the western boundary of the camp.

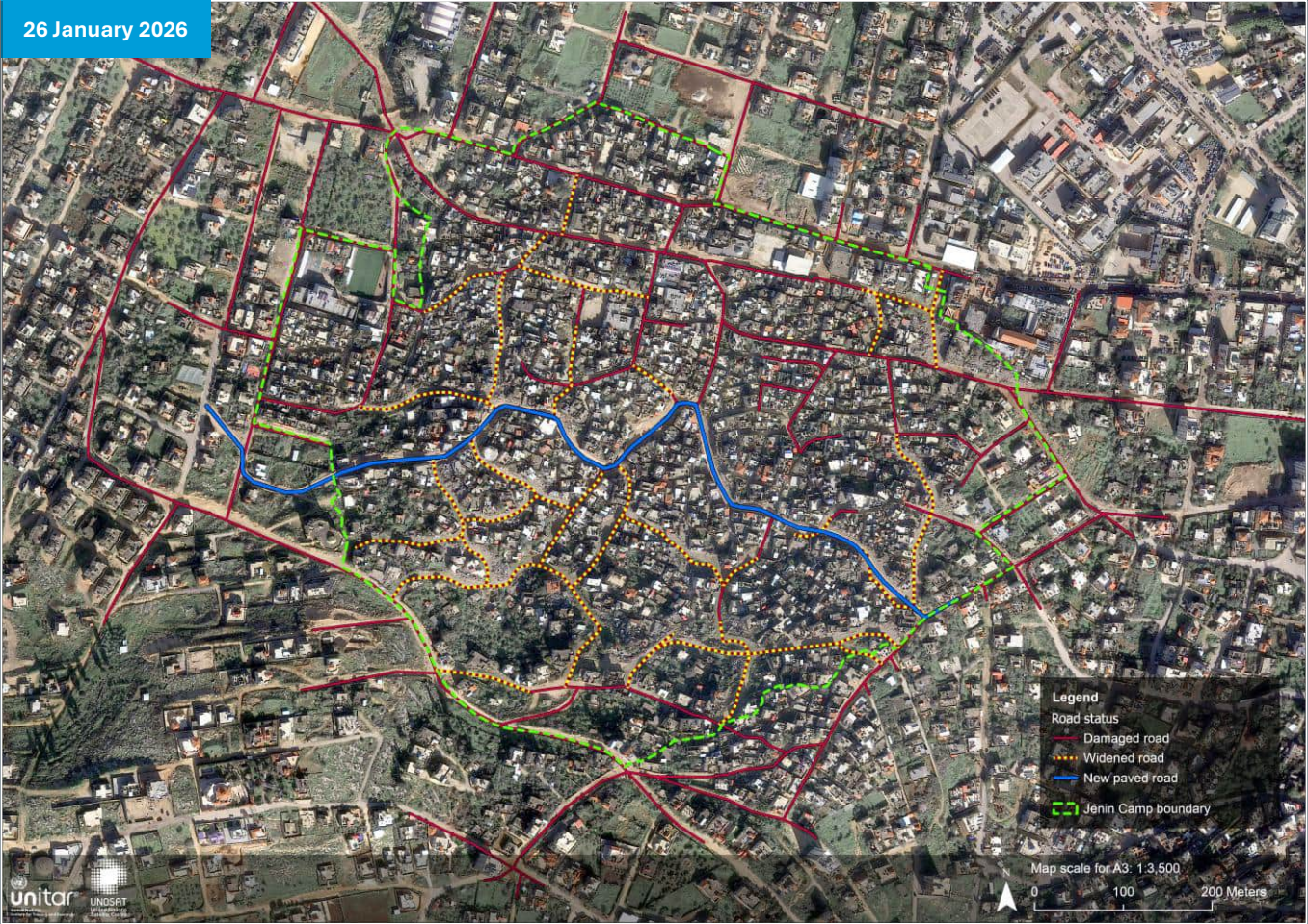
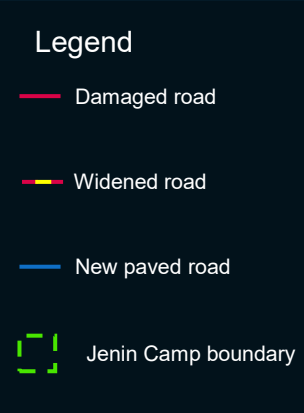


Image center: 32°27'37.2"N 35°17'16.0"E

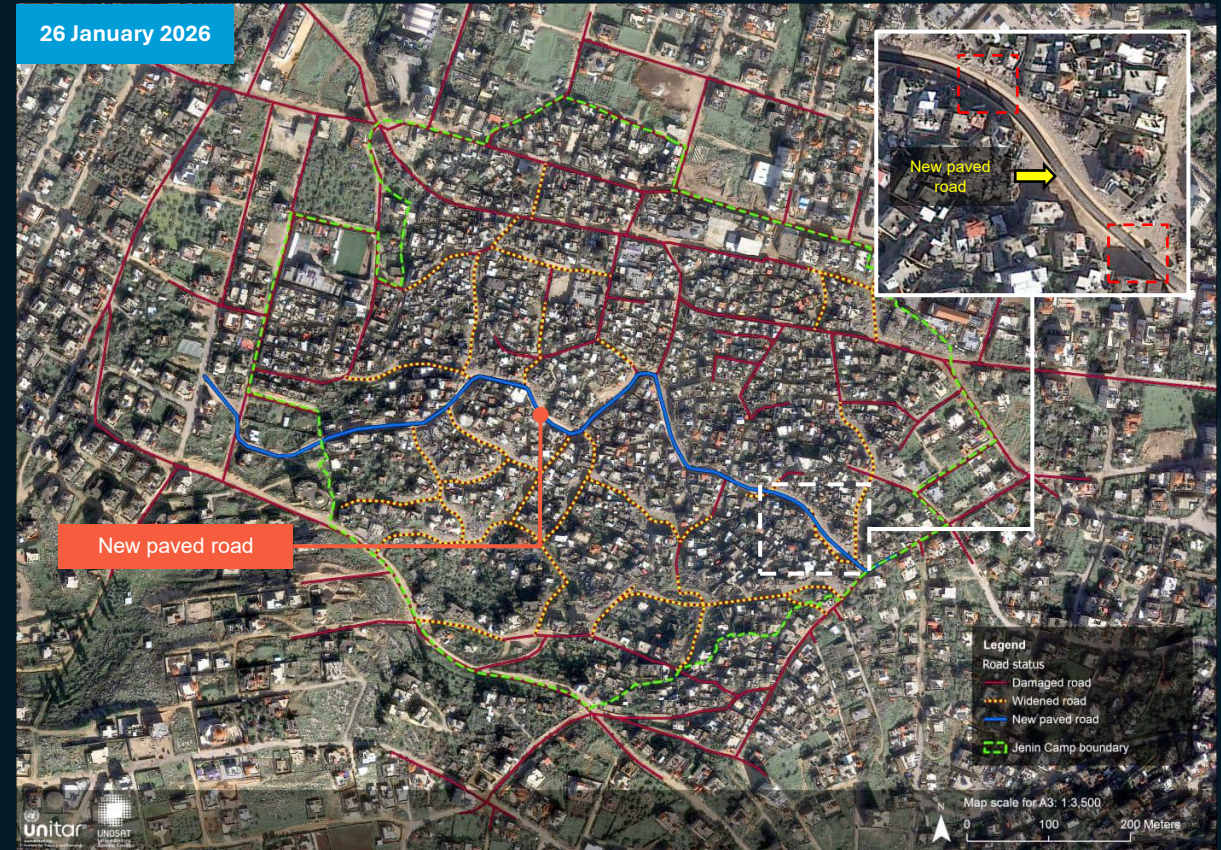
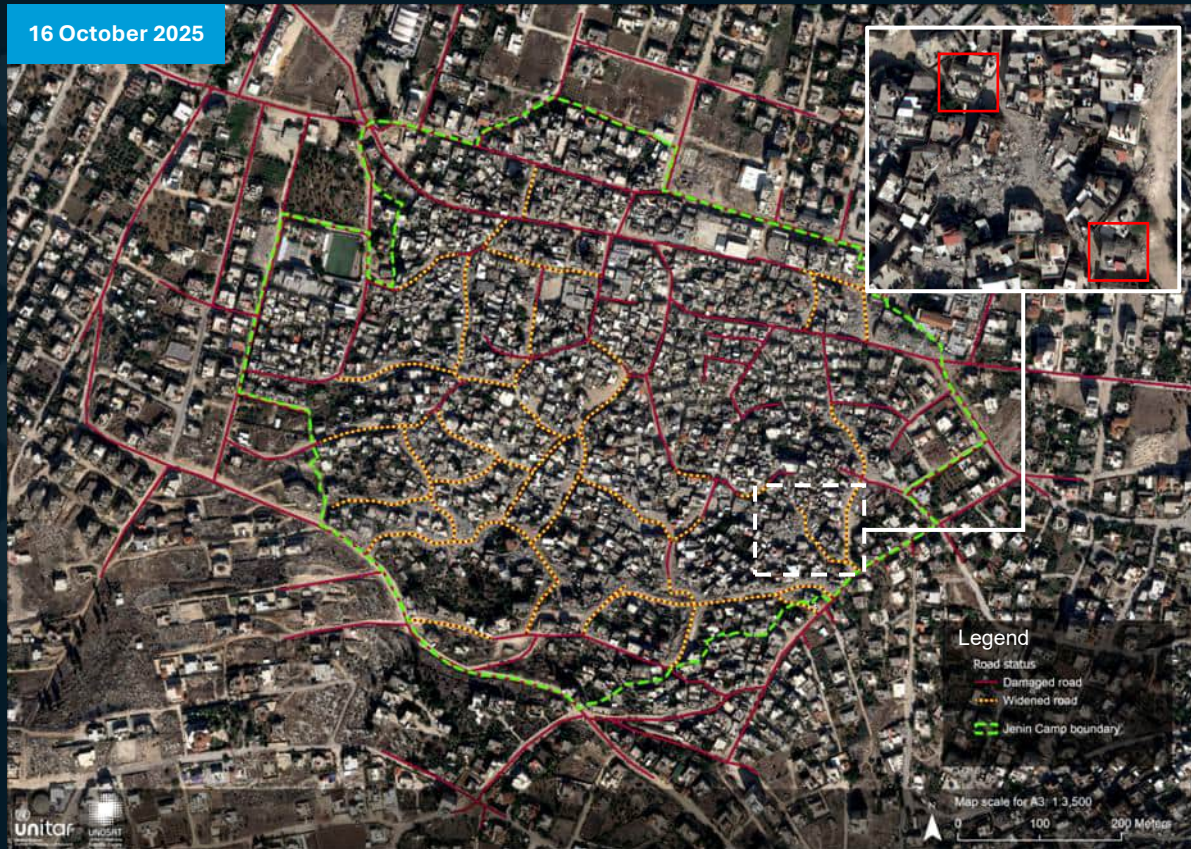
Pleiades NEO image captured on 26 January 2026

Road damage assessment Jenin Camp

Image center:
32°27'37.2"N
35°17'16.0"E



Changes observed



UNOSAT acquired two Pleiades NEO satellite images of Jenin Camp, Jenin Governorate, West Bank, Occupied Palestinian Territory, collected on 16 October 2025 and on 26 January 2026. As of 26 January 2026, a new paved road was visible inside, connecting the western boundary and the eastern boundary of the camp. Along the new paved road, buildings appeared damaged or destroyed (see red squares, in map inset).

Road damage assessment Nur Shams Camp

This map illustrates a UNOSAT satellite imagery-based comprehensive assessment of damage to roads within Nur Shams Camp, Tulkarem Governorate, West Bank, Occupied Palestinian Territory, based on images collected on 05 February 2026 when compared to an image collected on 16 October 2025.

According to the satellite imagery analysis, UNOSAT identified new widened roads and a new paved road (blue line, on the right hand-side map), in the vicinity of Nur Shams Camp, as of 05 February 2026.

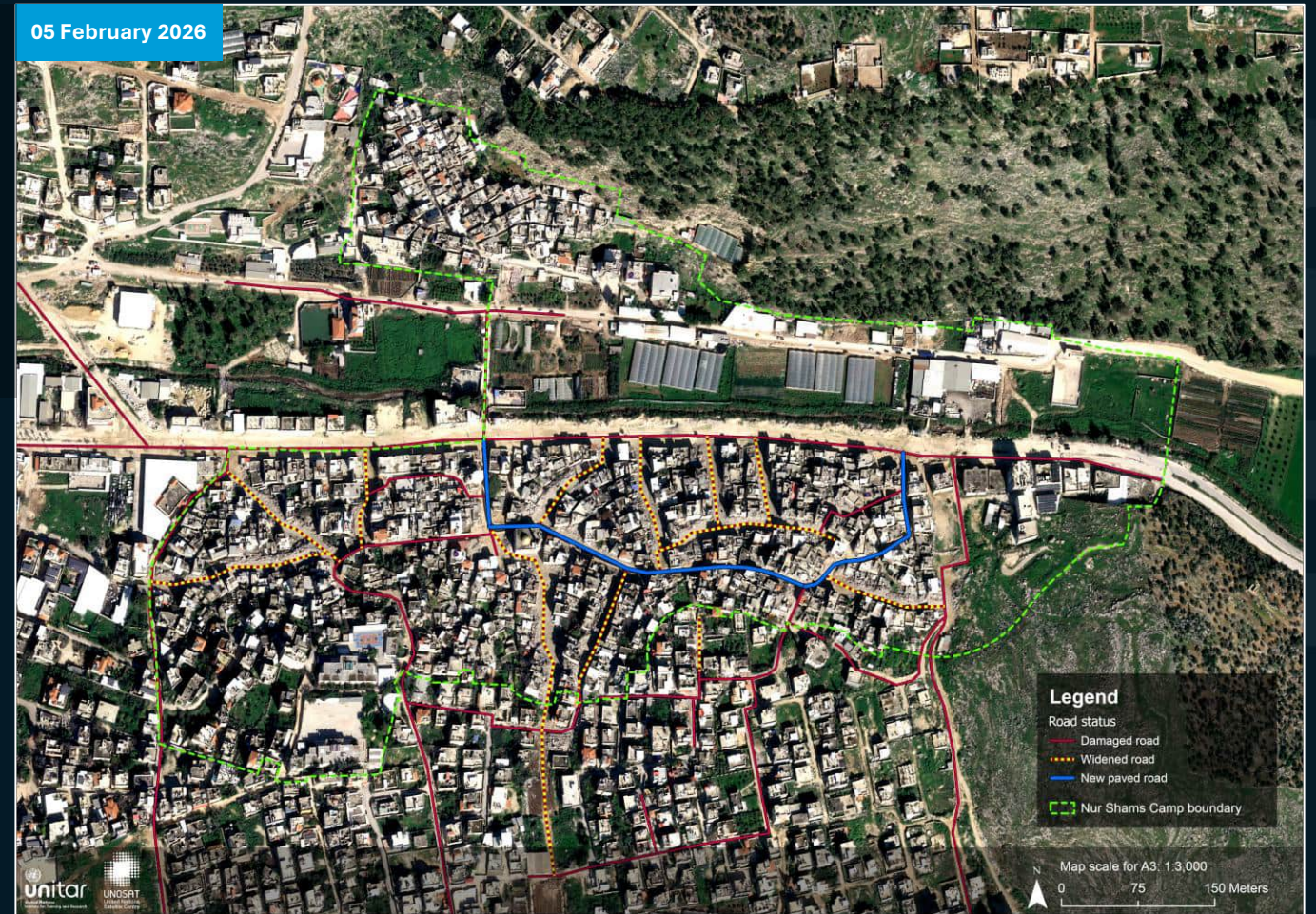
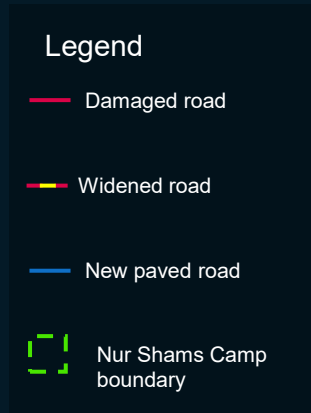


Image center: 32°19'08.7"N 35°03'39.0"E

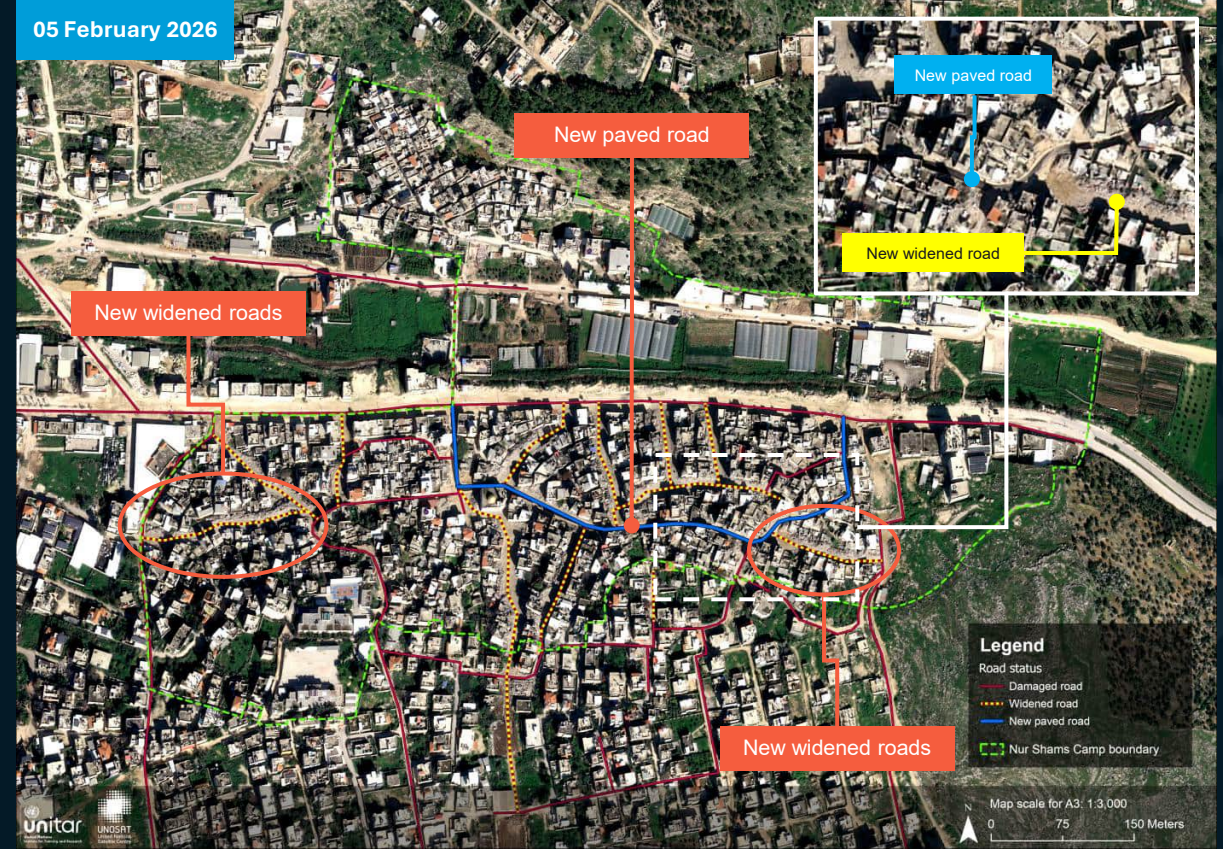
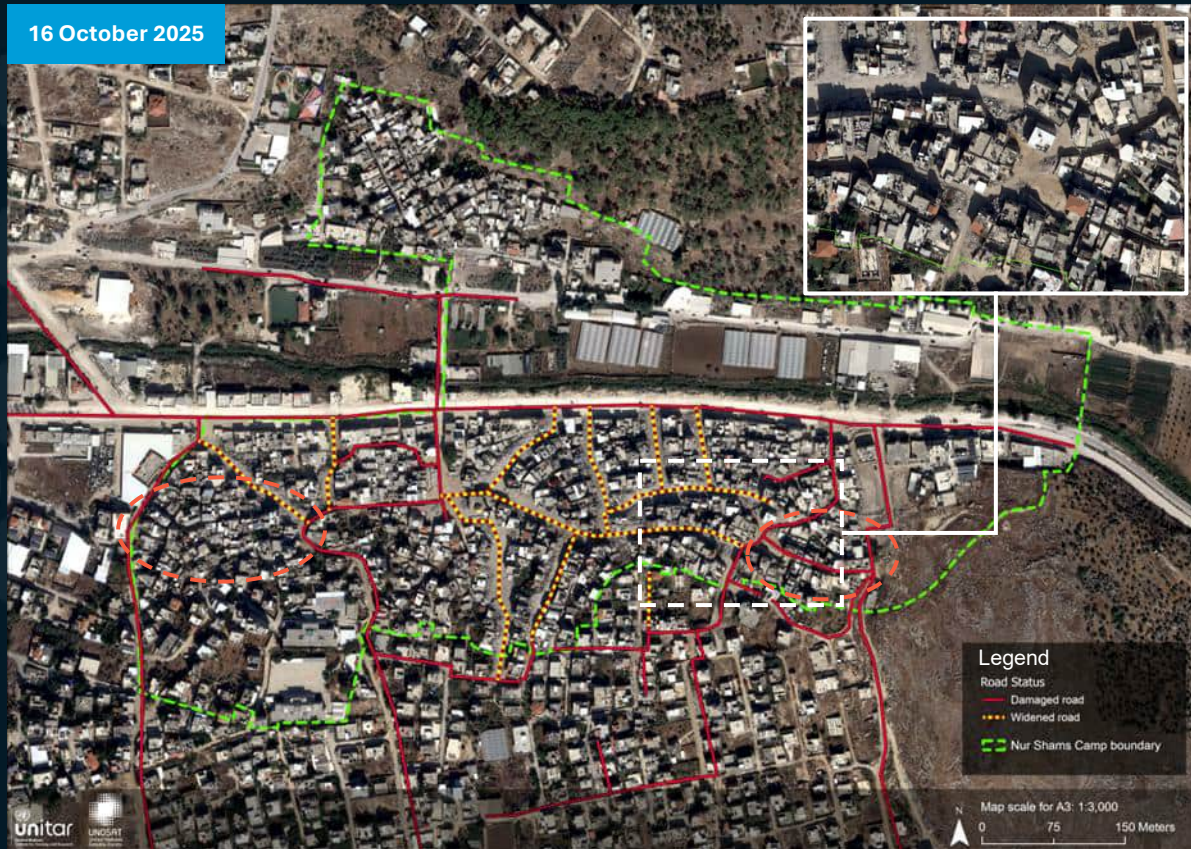
Pleiades NEO image captured on 05 February 2026

Road damage assessment Nur Shams Camp

Image center:
32°19'08.7"N
35°03'39.0"E



Changes observed



UNOSAT acquired two Pleiades NEO satellite images of Nur Shams Camp, Tulkarem Governorate, West Bank, Occupied Palestinian Territory, collected on 16 October 2025 and 05 February 2026. As of 05 February 2026, new sections of widened roads and a new paved road were visible, in the vicinity of the camp. Along the widened roads, buildings were destroyed or damaged.

Road damage assessment

Tulkarem Camp

This map illustrates a UNOSAT satellite imagery-based comprehensive assessment of damage to roads within Tulkarem Camp, Tulkarem Governorate, West Bank, Occupied Palestinian Territory, based on images collected on 05 February 2026 when compared to an image collected on 16 October 2025.

According to the satellite imagery analysis, UNOSAT an additional section of a road have been damaged, outside the Tulkarem Camp boundary, as of 05 February 2026.



Image center: 32°18'48.6"N 35°02'07.8"E

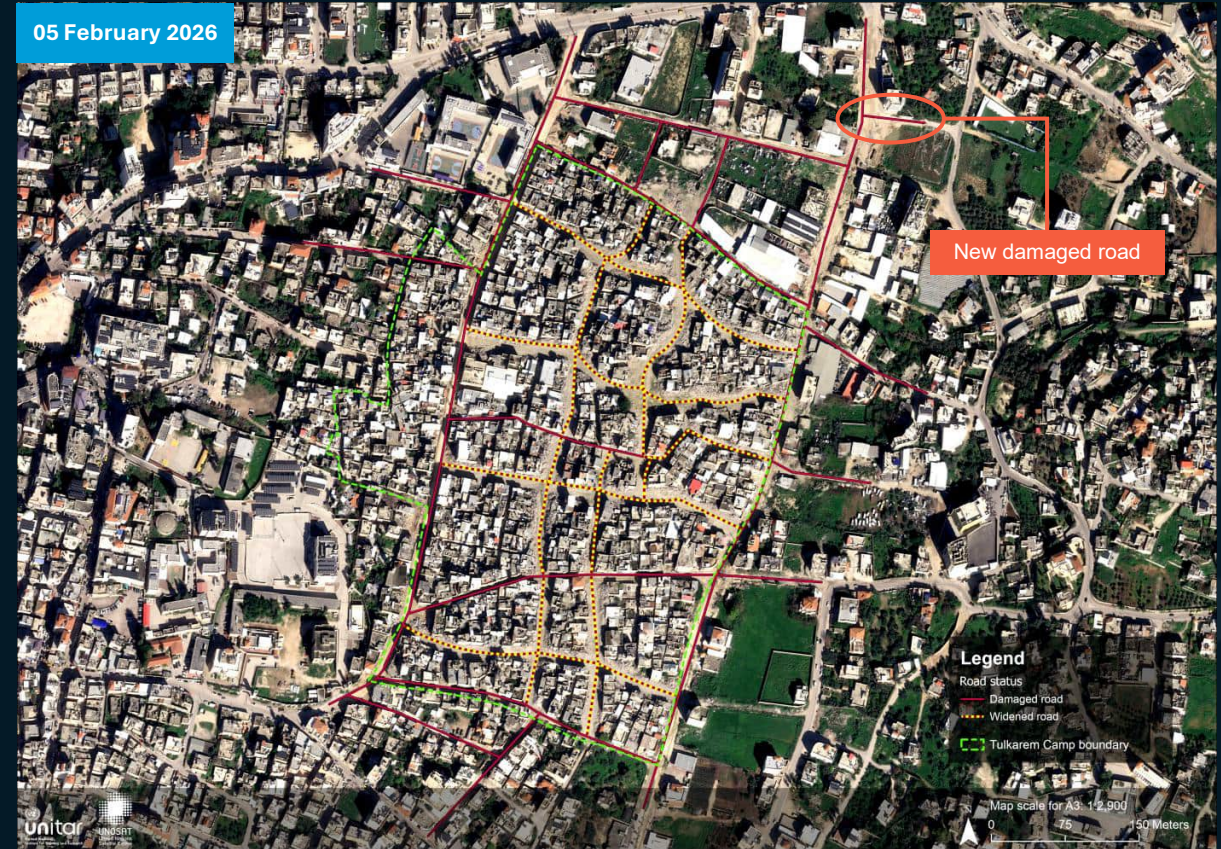
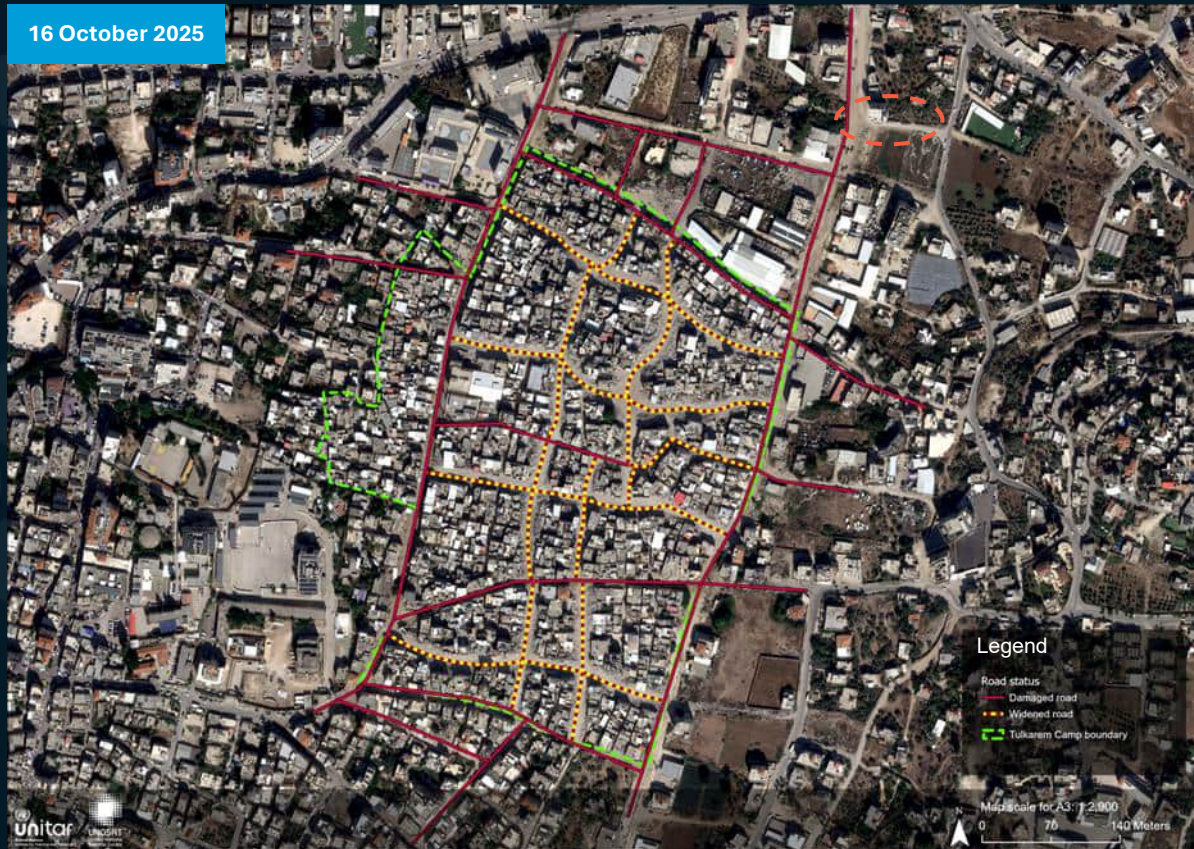
Pleiades NEO image collected on 05 February 2026

Road damage assessment Tulkarem Camp

Image center:
32°18'48.6"N
35°02'07.8"E

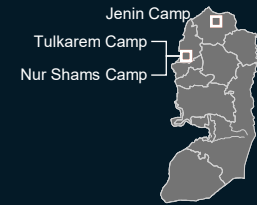


Changes observed



UNOSAT acquired two Pleiades NEO satellite images of Tulkarem Camp, Tulkarem Governorate, West Bank, Occupied Palestinian Territory, collected on 05 February 2026 and 16 October 2025. As of 05 February 2026, when compared to 16 October 2025, a new section of a road, outside the camp boundary of Tulkarem Camp, appeared damaged.

SECURITY ASSESSMENT



UNOSAT conducted a satellite imagery-based comprehensive damage assessment within the perimeter of the following refugee camps, in the West Bank, Occupied Palestinian Territory:

- Tulkarem Camp, Tulkarem Governorate.
- Nur Shams Camp, Tulkarem Governorate.
- Jenin Camp, Jenin Governorate.

This report highlights a security analysis. The Security analysis shows military activities visible on imagery, such as the presence of military vehicles, roadblocks and berms on the roads restricting the roads access. Among the military vehicles the presence of military trucks, armoured vehicles, and bulldozers were observed in the vicinity of certain camps.

UNOSAT acquired satellite images collected on 05 February 2026, on 26 January 2026, on 16 October 2025, on 21 May 2025, on 12 March 2025, on 21 October 2023, and 17 June 2023. These images were then used for comparison and to detect changes within the areas of interest.



Qassam Muaddi/Mondoweiss, March 2025

Xinhua, 02 September 2024

Security assessment Jenin Camp



This map illustrates a UNOSAT satellite imagery-based security assessment of Jenin Camp, Jenin Governorate, West Bank, Occupied Palestinian Territory, based on images collected on 26 January 2026 when compared to an image collected on 16 October 2025.

According to satellite imagery analysis, UNOSAT identified 26 berms and 3 roadblocks surrounding the camp and restricting civilian vehicular access to the camp. These berms are mainly located on damaged road sections.

A total of 1 probable armoured vehicle, 1 probable bulldozer, 2 military trucks, and 2 probable construction trucks were overserved in the vicinity of the camp.

In addition to the imagery-based assessment, an overview map without a satellite imagery background has been produced to clearly visualise the spatial distribution of berms and roadblocks surrounding the camp. The removal of the imagery basemap reduces visual clutter and allows for improved identification of access restrictions, thereby providing a clearer representation of the prevailing security configuration affecting Jenin Camp.

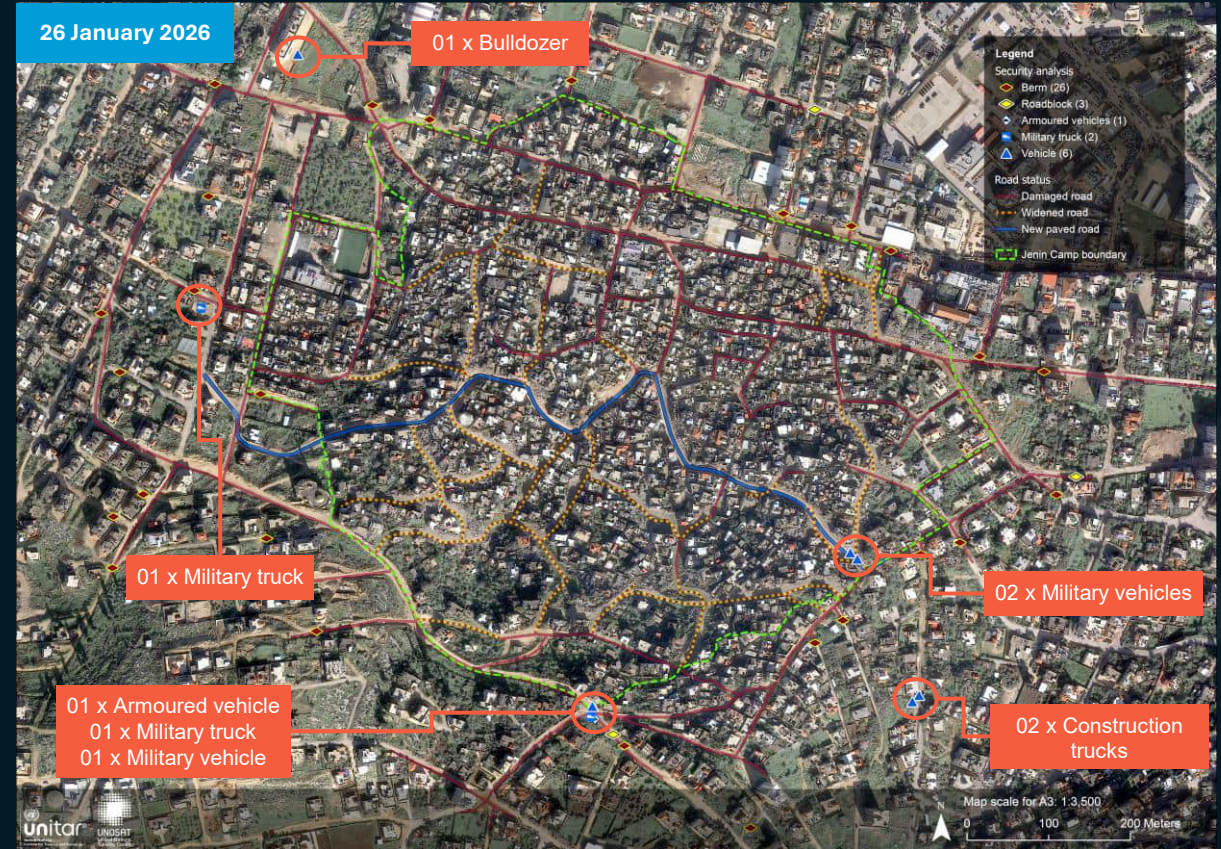
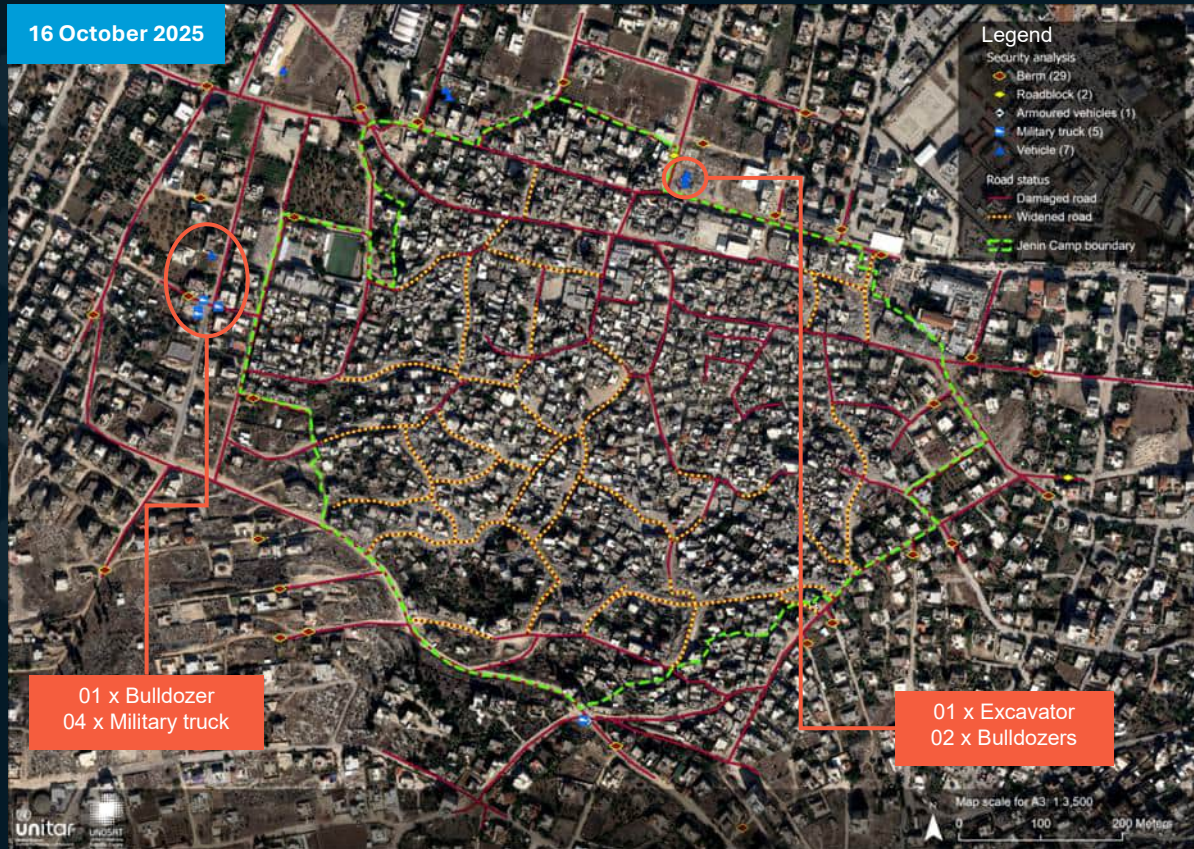


Image center: 32°27'37.2"N 35°17'16.0"E

Pleiades NEO image captured on 26 January 2026

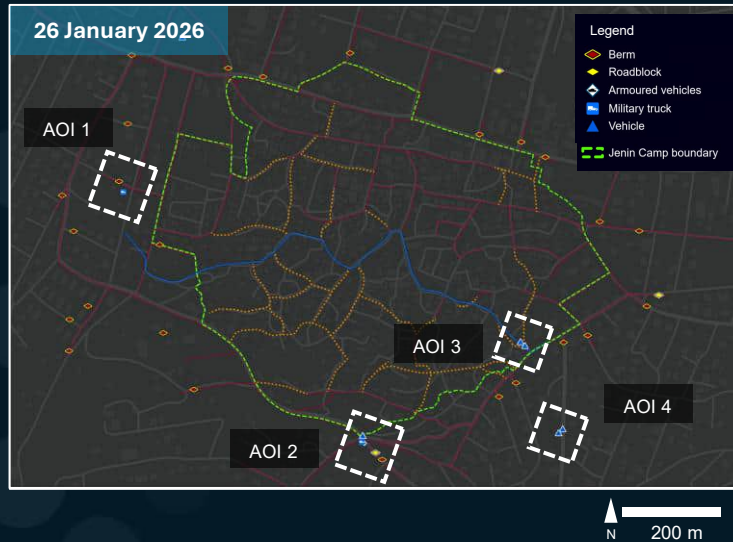
Security assessment Jenin Camp

Image center:
32°27'37.2"N
35°17'16.0"E



UNOSAT acquired two Pleiades NEO satellite images of Jenin Camp, Jenin Governorate, West Bank, Occupied Palestinian Territory, collected on 16 October 2025 and 26 January 2026. As of 26 January 2026, military vehicles were observed outside and inside the camp boundary, as well as berms and roadblocks on damaged roads around the camp, restricting its access. Military vehicles and construction vehicles were also visible outside and inside the camp, indicating ongoing activity.

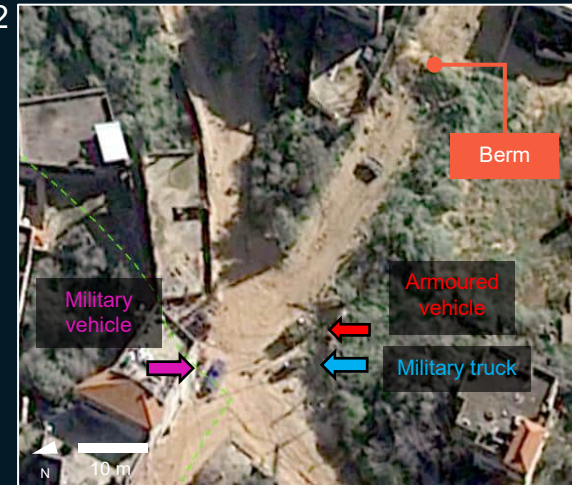
Security assessment Jenin Camp – 26 January 2026



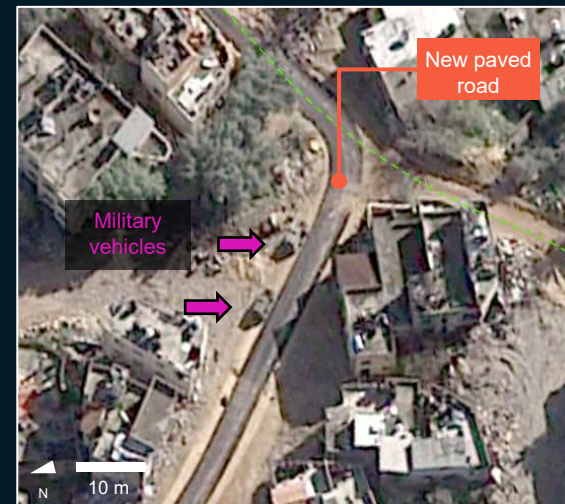
AOI 1



AOI 2



AOI 3



AOI 4



AOI 1: A military truck positioned outside the eastern area of the camp.

AOI 2: An armored vehicle, a military truck and military vehicle were positioned at southern camp boundary

AOI 3: Two military vehicles were positioned along the new paved road, in the camp.

AOI 4: Two construction trucks were visible along a road connecting to the camp, at approximately 180 meters from the southwestern border of the camp

Security assessment Nur Shams Camp



This map illustrates a UNOSAT satellite imagery-based security assessment of Nur Shams Camp, Tulkarem Governorate, West Bank, Occupied Palestinian Territory, based on images collected on 05 February 2026 when compared to an image collected on 16 October 2025.

According to satellite imagery analysis, UNOSAT identified one checkpoint and five roadblock along the main damaged road crossing Nur Shams Camp, restricting the access to the camp. Three other roadblocks were visible around the camp as well. A total of three bulldozers and one military vehicle were visible southward from the camp. A concentration of vehicles parked on a field, at approximately 280 metres southwest from the camp border was visible, as of 05 February 2026.

In addition to the imagery-based assessment, an overview map without a satellite imagery background has been produced to clearly visualise the spatial distribution of berms and roadblocks surrounding the camp. The removal of the imagery basemap reduces visual clutter and allows for improved identification of access restrictions, thereby providing a clearer representation of the prevailing security configuration affecting Nur Shams Camp.

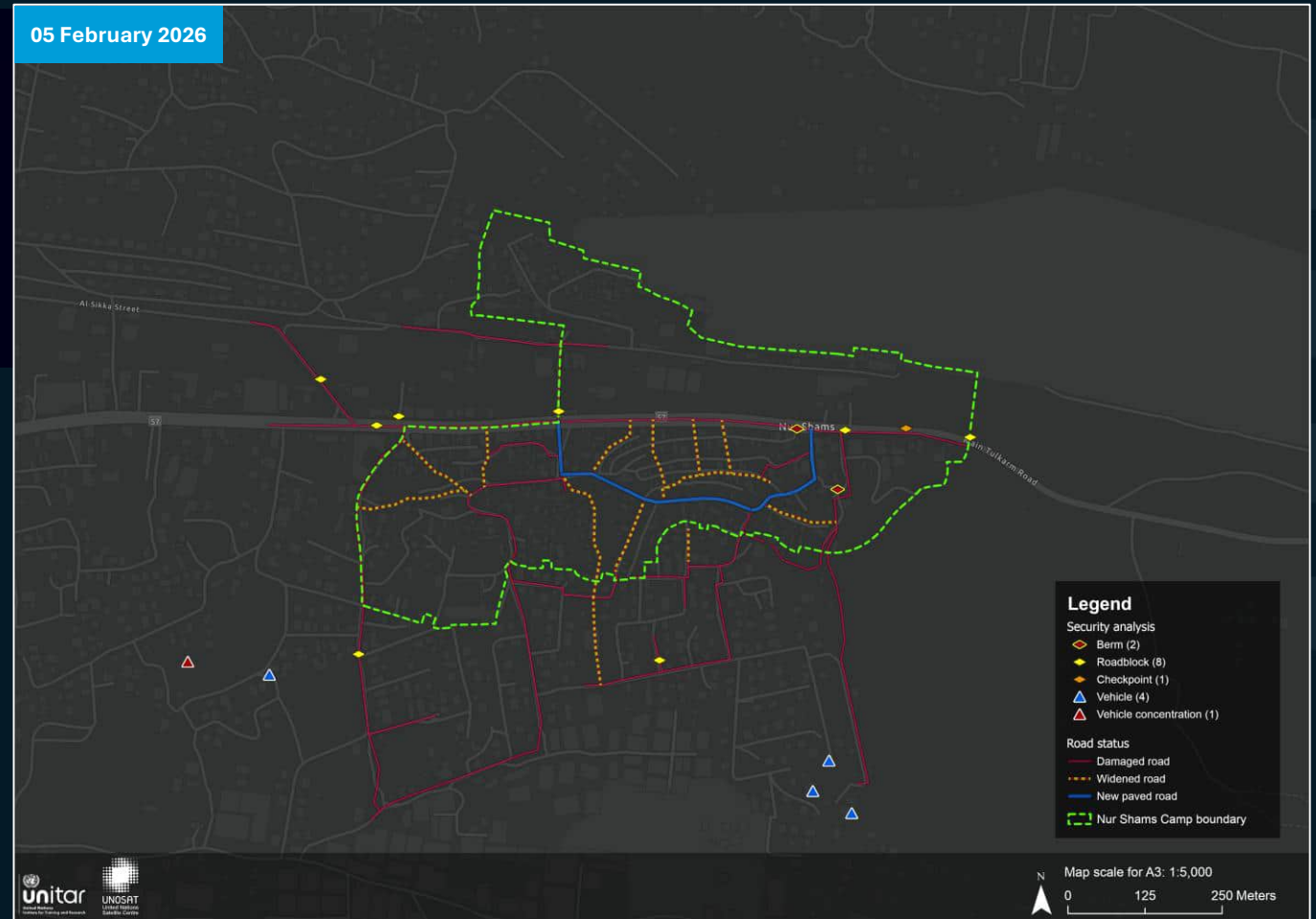


Image center: 32°19'08.7"N 35°03'39.0"E

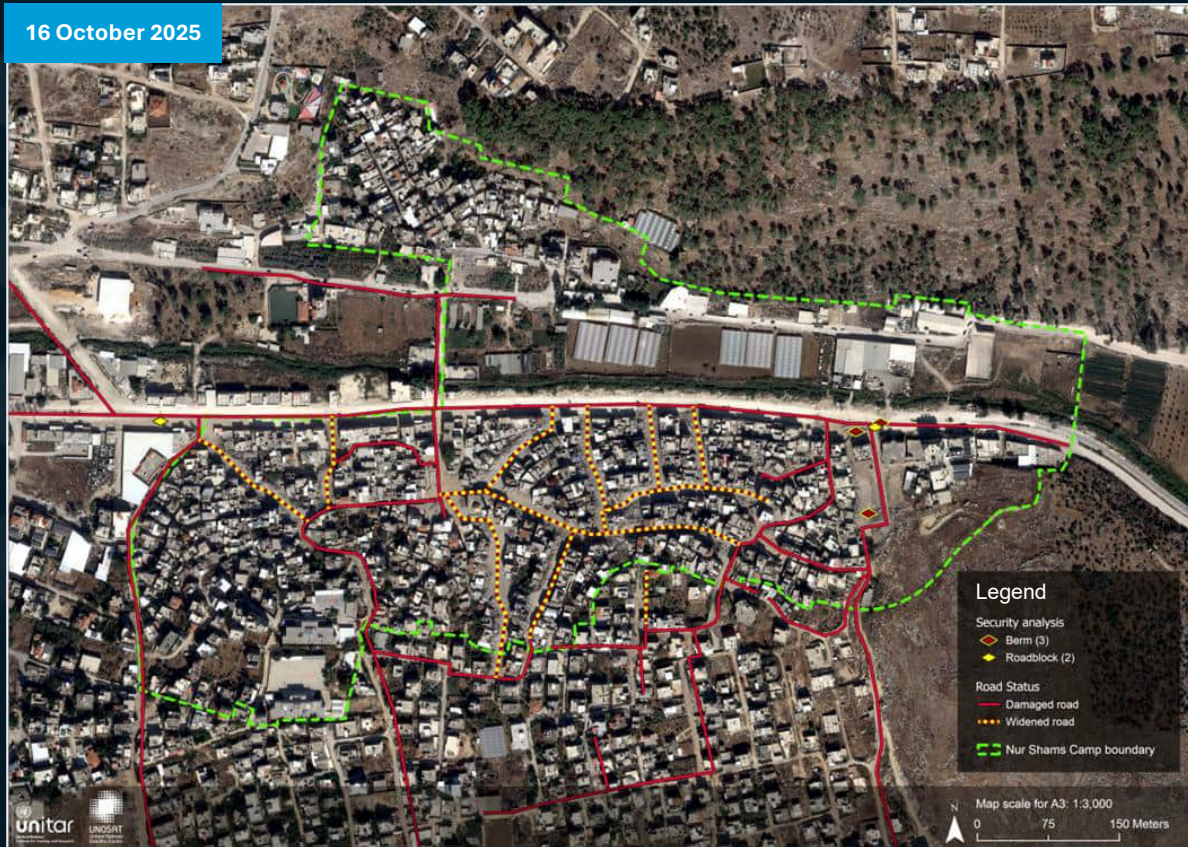
Pleiades NEO image captured on 05 February 2026

Security assessment Nur Shams Camp

Image center:
32°27'37.2"N
35°17'16.0"E



16 October 2025

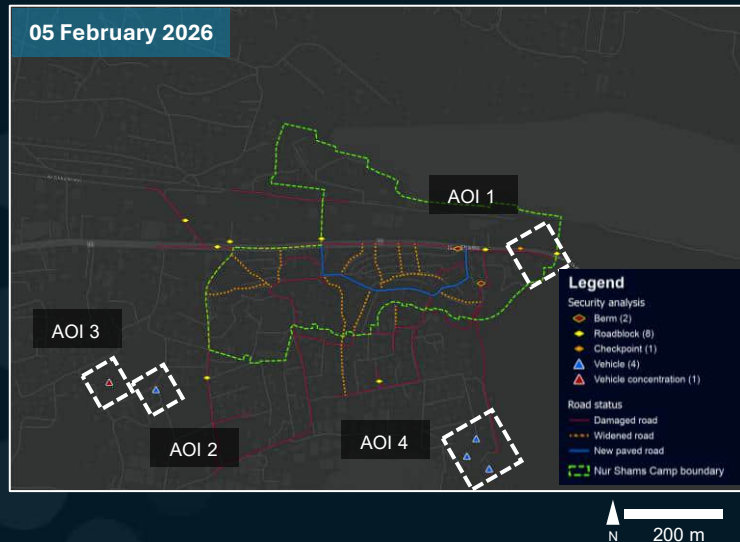


05 February 2026

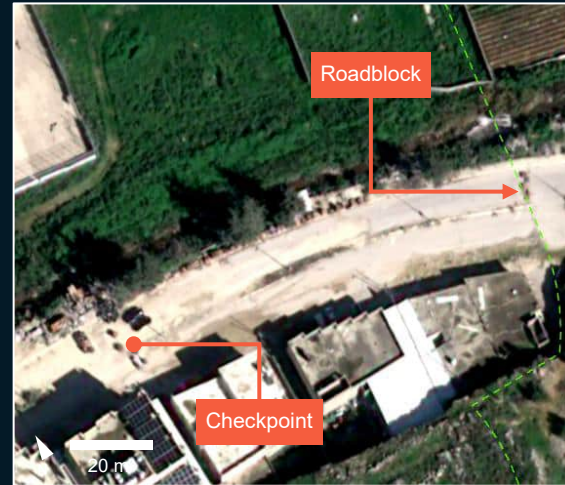


UNOSAT acquired two Pleiades NEO satellite images of Nur Shams Camp, Tulkarem Governorate, West Bank, Occupied Palestinian Territory, collected on 16 October 2025 and 05 February 2026. As of 05 February 2026, a military vehicle, a concentration of vehicles and 3 bulldozer were observed outside the camp boundary, on the southern area. A checkpoint, berms and roadblocks on damaged roads were also visible inside and outside the camp, restricting its access.

Security assessment Nur Shams Camp – 05 February 2026



AOI 1



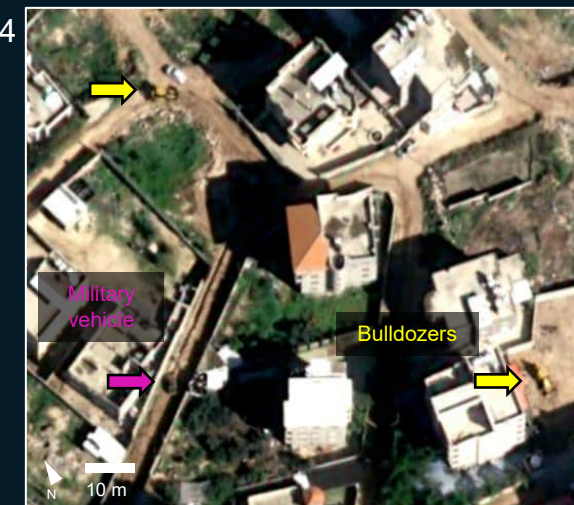
AOI 2



AOI 3



AOI 4



AOI 1: A roadblock and a checkpoint were visible on the main road crossing the camp, at the eastern camp boundary.

AOI 2: A bulldozer was visible, approx. 190 metres southwest from the camp.

AOI 3: A concentration of vehicle in a field was visible, approx. 300 meters southwest from the camp.

AOI 4: Two bulldozers were visible and military vehicle blocking a street was visible southward from the camp.

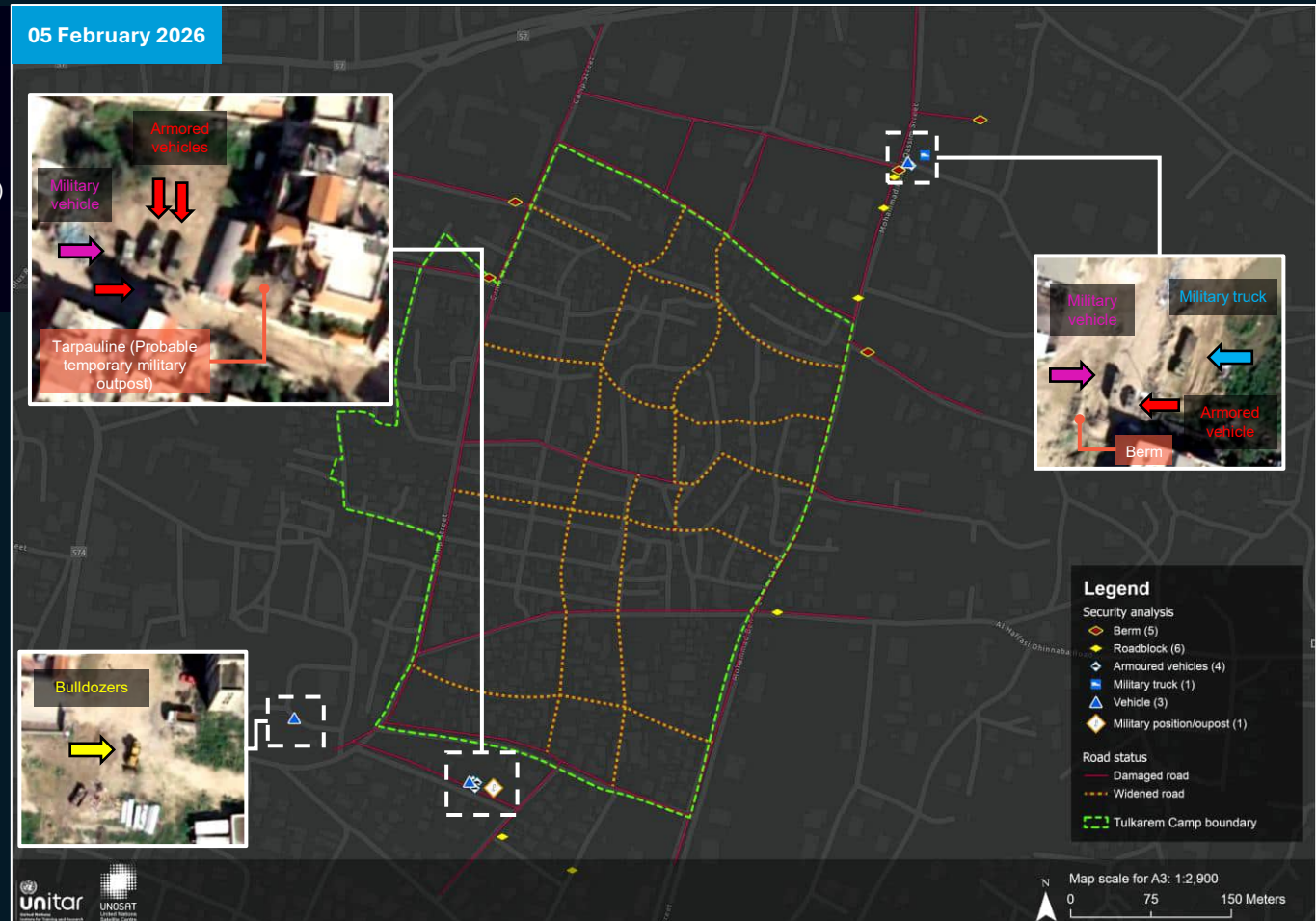
Security assessment Tulkarem Camp



This map illustrates a UNOSAT satellite imagery-based security assessment of Tulkarem Camp, Tulkarem Governorate, West Bank, Occupied Palestinian Territory, based on images collected on 05 February 2026 when compared to an image collected on 16 October 2025.

According to satellite imagery analysis, UNOSAT identified five berms and six roadblocks surrounding the camp, possibly blocking civilian vehicular access. A bulldozer was visible outside the camp, approx. 75 meters from the southwestern camp boundary. At approx. 160 meters from the northeastern camp boundary, a military truck, military vehicle and a probable armored vehicle were visible. At approximately 40 meters from the southern border of the camp, two probable armoured personnel carrier (APC), one armoured vehicle and a military vehicle were visible, next to a possible temporary military outpost.

- Legend**
- Berm (5)
 - Roadblock (6)
 - Armoured vehicles (4)
 - Military position/outpost (1)
 - Vehicle (3)
 - Jenin Camp boundary



Security assessment Tulkarem Camp

This map illustrates a UNOSAT satellite imagery-based security assessment of Tulkarem Camp, Tulkarem Governorate, West Bank, Occupied Palestinian Territory, based on images collected on 05 February 2026 when compared to an image collected on 16 October 2025.

According to satellite imagery analysis, UNOSAT identified five berms and six roadblocks surrounding the camp, possibly blocking civilian vehicular access. A bulldozer was visible outside the camp, approx. 75 meters from the southwestern camp boundary. At approx. 160 meters from the northeastern camp boundary, a military truck, military vehicle and a probable armored vehicle were visible. At approximately 40 meters from the southern border of the camp, two probable armoured personnel carrier (APC), one armoured vehicle and a military vehicle were visible, next to a possible temporary military outpost.



Image center: 32°18'48.6"N 35°02'07.8"E

Pleiades NEO image captured on 05 February 2026

Data sources:

(1) Satellite Images

Satellite imagery: WorldView-2

Imagery date: 17.06.2023, 21.10.2023

Resolution: 50 cm

Copyright: © Vantor 2023

Satellite imagery: Pléiades-NEO

Imagery date: 12.03.2025, 21.05.2025, 16.10.2025, 26.01.2026, 05.02.02026

Resolution: 30 cm

Copyright: Airbus D&S 2026

(2) Ancillary data

Boundaries: OCHA, PCBS

Damage assessment: United Nations Satellite Centre

Roads: United Nations Satellite Centre

Security analysis: United Nations Satellite Centre

Analysis: United Nations Satellite Centre

Production: United Nations Satellite Centre

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