

# Incident Assessment

Incident ID	CIV0213
Location	Hazar supermarket, Akademika Valtera St, 7G, Pyatykhatky, Kharkiv Oblast
Coordinates	<a href="#">50.0900, 36.2566</a> <sup>1</sup>
Date	06/03/2022
Time	Prior to 12:04, and likely at around 10:57 EET

## Description of the Events

On 06/03/2022, what appears to be a cluster munition strike was carried out in the northern neighbourhood of Pyatykhatky in Kharkiv. It impacted people outside a “Hazar” supermarket. The incident must have occurred prior to the earliest identified report at 12:04 EET. CCTV footage shows explosions around 190 m away from the site of the supermarket at around 10:57 EET on the same date.

## Key Findings

- On 06/03/2022, a strike reportedly killing four civilians and injuring more than 15 occurred in the Pyatykhatky neighborhood, north of Kharkiv.
- The incident was initially reported to have occurred around 12:00 EET, however, CCTV footage published a year later indicates that the strike occurred at around 10:57 EET.
- A total of six small craters were identified around the “Hazar” supermarket, ranging in distance up to 190 m away.
- The craters seen outside the supermarket and the explosions seen in the CCTV footage, appear to be consistent with those of cluster submunitions.
- The area is residential in nature and no military presence was identified.
- The exact type of munition or the direction from which it was fired could not be established due to the lack of munition remnant footage.

## Description of Searches

An internet search was carried out to obtain more information relating to the incident. Searches were conducted using “Google”, “Telegram”, “Twitter”, “VK” platforms and search functions.

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<sup>1</sup> <https://goo.gl/maps/qo6d4YsXNprLcXug9>

Searches were limited to general keywords of the location (such as: “Pyatykhatky” and “Kharkiv”) as well as specific search terms (such as: shelling of supermarket “Hazar”; shelling of Pyatykhatky; munition related searches for Pyatykhatky and Kharkiv).

Searches were time limited to 05/03/2022-10/03/2022, in the majority of the research. Searches were also conducted with no time limit with the aim of obtaining relevant information, which may have been published at a later date.

Searches were conducted in English, Ukrainian and Russian.

## Background Summary of Significant Descriptive Content

### Media Reports

- [Suspilne publication](#)<sup>2</sup> (UA media) - a news publication about the incident;
- [Local Kharkiv media report](#)<sup>3</sup> - an account of the attack, published on the day of the one year anniversary of the attack.

### NGO Reports

- [Nuremberg 2022](#)<sup>4</sup> - a report of the attack by a Ukrainian organization collecting war crime evidence.

### Other

- [Office of the General Prosecutor statement](#)<sup>5</sup> (Telegram):  
*“On March 6, 2022, at about 12 o’clock, Russian servicemen fired artillery shells of uncertain characteristics at the Khazar supermarket located on Akademika Walter Street in Kharkiv. As a result of these actions of the aggressor country, at least 4 people were killed and more than 15 people were injured.”*
- [Kharkiv regional Prosecutor’s statement](#)<sup>6</sup> (Telegram) - same statement as above.

## Analysis of Examinable Content

- [Source 1](#)<sup>7</sup>: An image (S1I1) posted on Telegram on 06/03/2022 at 12:04 EET. The image shows the aftermath of the strike and appears to be taken from a nearby building.

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<sup>2</sup> <https://suspilne.media/214433-u-harkovi-snarad-vluciv-u-ludej-aki-stoali-v-cerzi-za-produktami/>

<sup>3</sup>

<https://5hatki.wordpress.com/2023/03/06/%D0%BA%D1%80%D0%BE%D0%B2%D0%B0%D0%B2%D1%8B%D0%B9-%D1%85%D0%B0%D0%B7%D0%B0%D1%80-%D0%B3%D0%BE%D0%B4%D0%BE%D0%B2%D1%89%D0%B8%D0%BD%D0%B0/>

<sup>4</sup>

<https://www.nurnberg2022.org/en/post/kharkiv-residents-came-for-food-and-got-under-fire-from-russian-troops>

<sup>5</sup> [https://t.me/pgo\\_gov\\_ua/3074](https://t.me/pgo_gov_ua/3074)

<sup>6</sup> [https://t.me/prokuratura\\_kharkiv/2986](https://t.me/prokuratura_kharkiv/2986)

<sup>7</sup> <https://t.me/c/1199360700/30154>



The image shows impact marks consistent with those left by explosives and a number of casualties. The image was also identified on [Twitter](#)<sup>8</sup>. The image was taken from a nearby building at approximately [50.0896, 36.2561](#)<sup>9</sup>.



*S1I1.*

- **Source 2**<sup>10</sup>: A Telegram post from 06/03/2022, posted at 19:11 EET. The post contains two videos showing the aftermath of the strike filmed from the location of the incident, supermarket “Hazar” at [50.0899, 36.2566](#)<sup>11</sup>. The videos show damage consistent with that of an explosion and multiple casualties. Video 1 (S2V1) is filmed outside the main entrance of the supermarket, in the moments immediately after the explosion, and several people are seen injured with some also seen providing first aid. Video 2 (S2V2) is filmed at a later stage, there are no casualties seen, and it depicts the damage as well as the exact place of impact/crater.

<sup>8</sup> [https://twitter.com/aliev\\_aliev/status/1500434615542161411?s=20](https://twitter.com/aliev_aliev/status/1500434615542161411?s=20)

<sup>9</sup> <https://maps.app.goo.gl/qiXnhGUYFvsfJfxGA>

<sup>10</sup> <https://t.me/c/1199360700/30301>

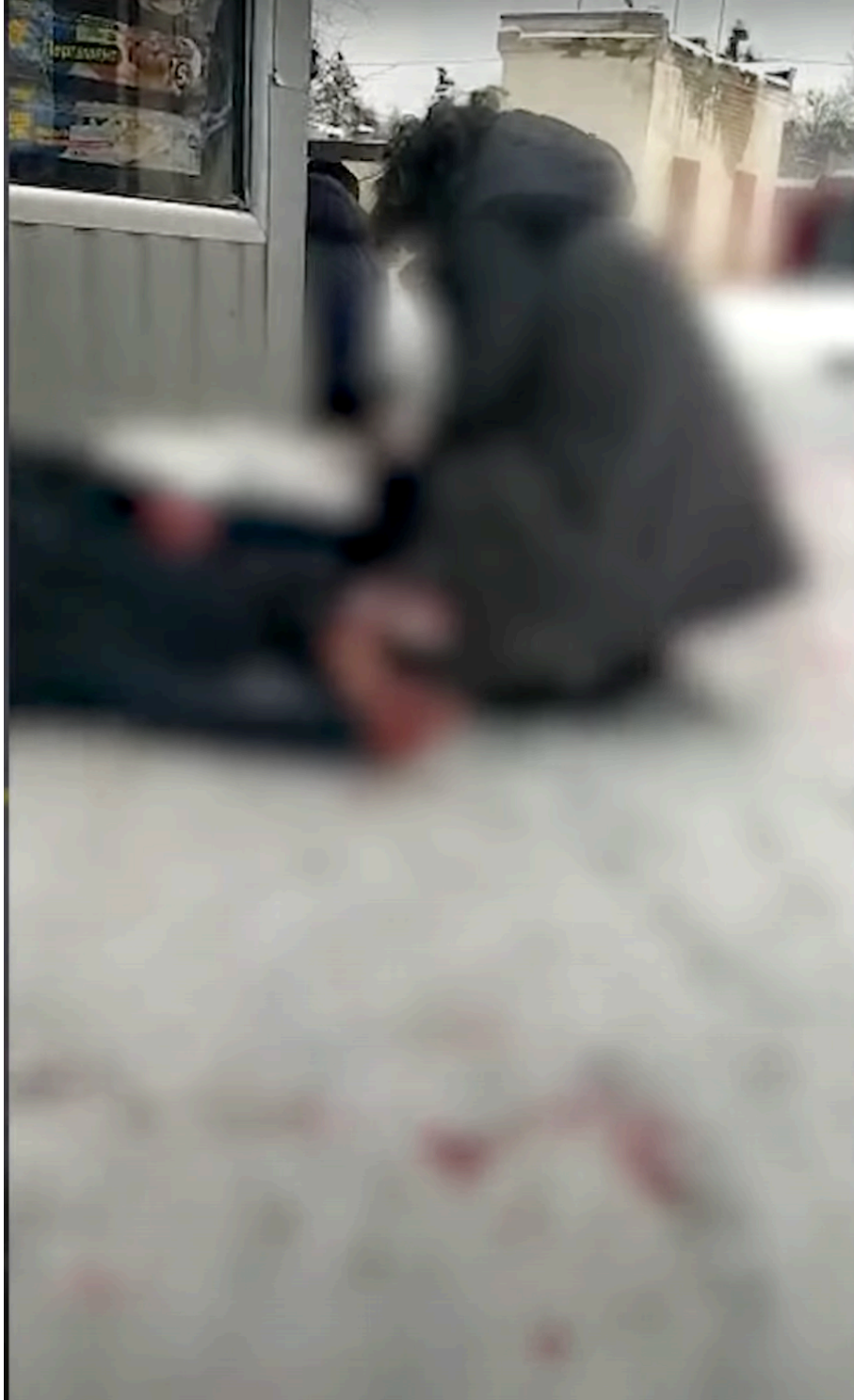
<sup>11</sup> <https://maps.app.goo.gl/XARZqxYCSBhGGtME8>



*Left: A still from S2V1 showing the moment right after the attack. Right: A still from S2V2 showing the same location at a later time.*

- **Source 3**<sup>12</sup>: A mini documentary published on YouTube on 06/03/2023 by the Ukrainian media outlet Suspilne. The video (S3V1) shows witness testimonies from persons present during the attack and notably, a clip (0:55-1:13) filmed by one of the victims moments after the strike.

<sup>12</sup> <https://www.youtube.com/watch?v=SAVq1ioGsOs>



*A still from S3V1.*



- **Source 4**<sup>13</sup>: CCTV footage posted on YouTube 06/03/2023 showing the moment of impact, filmed from a nearby building at [50.0889, 36.2548](#)<sup>14</sup>. The video (S4V1) is time stamped as 10:57 EET, 06/03/2022. While the video does not show the supermarket, its field of view is only approximately 190 m away from it. Due to its proximity and claimed time of occurrence, it appears to be relevant to the strike on the supermarket.



*A still from S4V1.*

## Questions to Investigate

### Where Was the Incident?

The incident was geolocated to [50.0900, 36.256](#)<sup>15</sup>. The location is a supermarket named “Hazar”. Fragmentation marks, which appear to be consistent with those left by submunitions, can be seen on the roof and vicinity of the supermarket in S1I1, S2V1 and S2V2. A CCTV camera

<sup>13</sup> <https://youtu.be/XuVWWugWZH8>

<sup>14</sup> <https://maps.app.goo.gl/B4Mhah9595zkS7EQ6>

<sup>15</sup> <https://goo.gl/maps/jAdQHjieBkGrzZ9B6>

located around 190 m south-west of the supermarket also captured (S4V1) the moment of impact of other munitions, likely to have been fired in the same attack.

### Geolocation of Source 1:

S1V1 was geolocated to a nearby building. The image shows a number of what appear to be victims and a red substance that is likely blood, outside the “Hazar” supermarket. A set of features can be identified that can be matched with those on satellite images:



*Left: Satellite imagery showing the Point of View of S1I1 with identifying features marked: 1) Green coloured warehouse building with a slightly sloped roof; 2) A semi-cylindrical building further back; 3) An L shaped building to the right of the view (Credit: Google Earth Pro/Maxar Technologies). Right: S1I1 with the same features depicted.*





*Left: Satellite imagery showing the Point of View of S1I1 Building with the roof lines marked (Credit: Google Earth Pro/Maxar Technologies). Right: S1I1 with the same markings.*

### **Geolocation of Source 2:**

Source 2 features two videos. S2V1 was taken right after the incident and shows the immediate vicinity. S2V2 was filmed at a later time after the incident and shows more of the surroundings.

S2V1 shows a matching door frame with matching adverts to those of the supermarket as seen on images posted to Google Maps. To the right a ramp along with bike racks can also be seen.



Left: Image of the supermarket posted to [Google Maps](#)<sup>16</sup>. Right: A still from S2V1 showing a matching door sign.

S2V2 also shows the layout of the area around the supermarket, which can be matched to the objects seen on the image of the supermarket posted to Google Maps. Further, additional details are provided by a [Twitter](#)<sup>17</sup> post documenting the same incident.

<sup>16</sup> <https://goo.gl/maps/851QV1JLJCNkLdDp7>

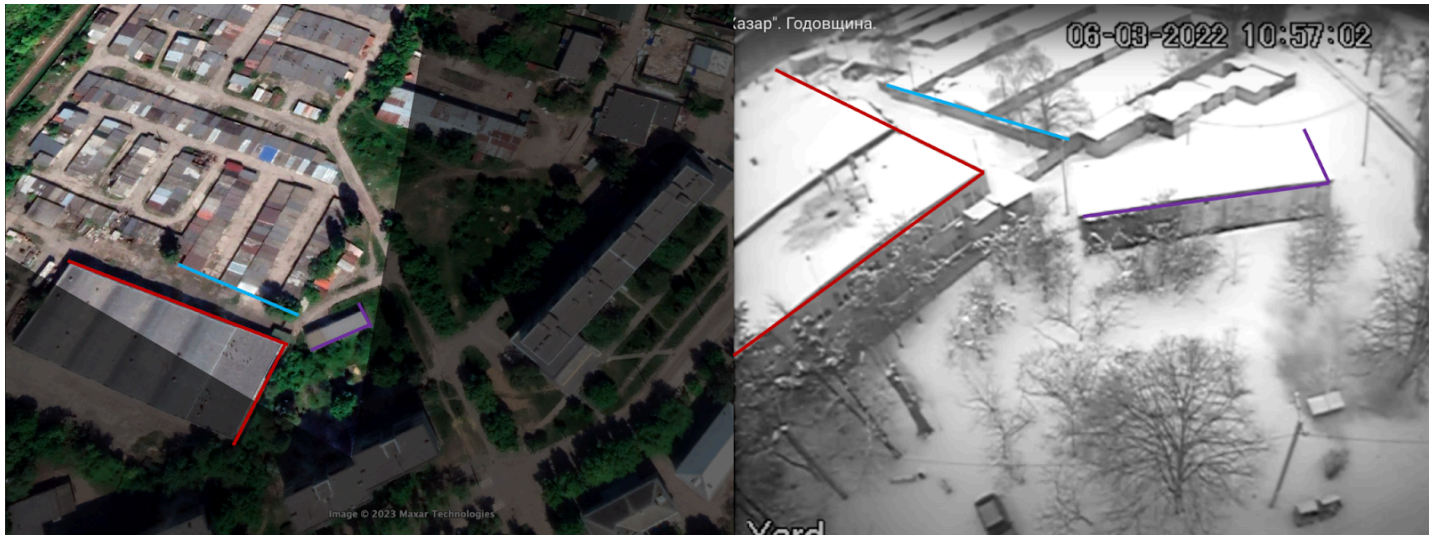
<sup>17</sup> <https://twitter.com/Sabados7/status/1500537351227035656?s=20>





Left: Image of the supermarket posted to [Twitter](#)<sup>18</sup>. Right: A Still from S2V2.

#### Geolocation of Source 4:

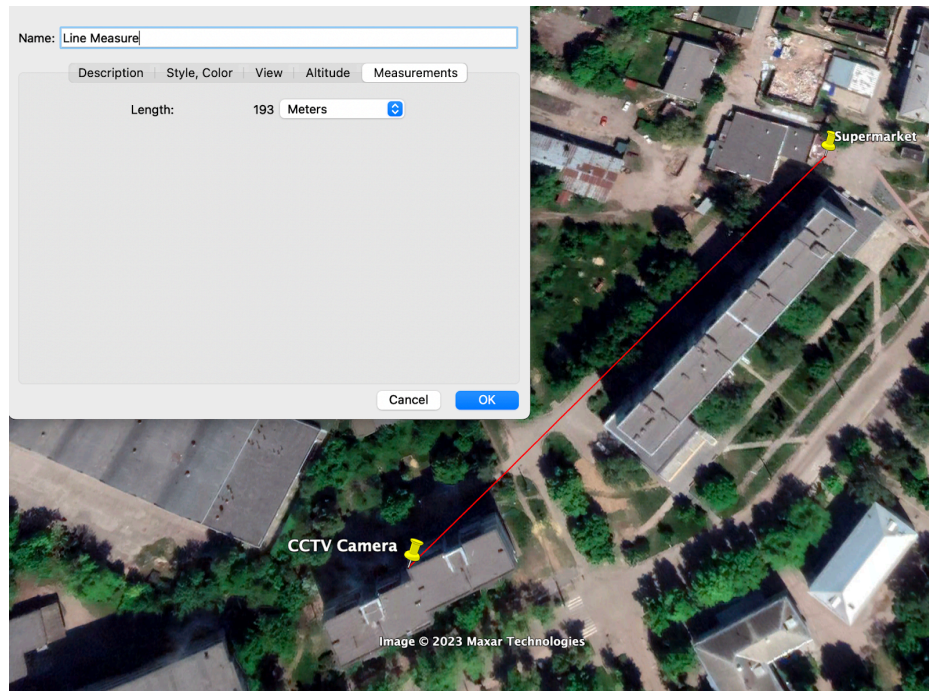


Left: Satellite image showing the Point of View of S4V1 with building lines marked (Credit: Google Earth Pro/Maxar Technologies). Right: A still from S4V1.

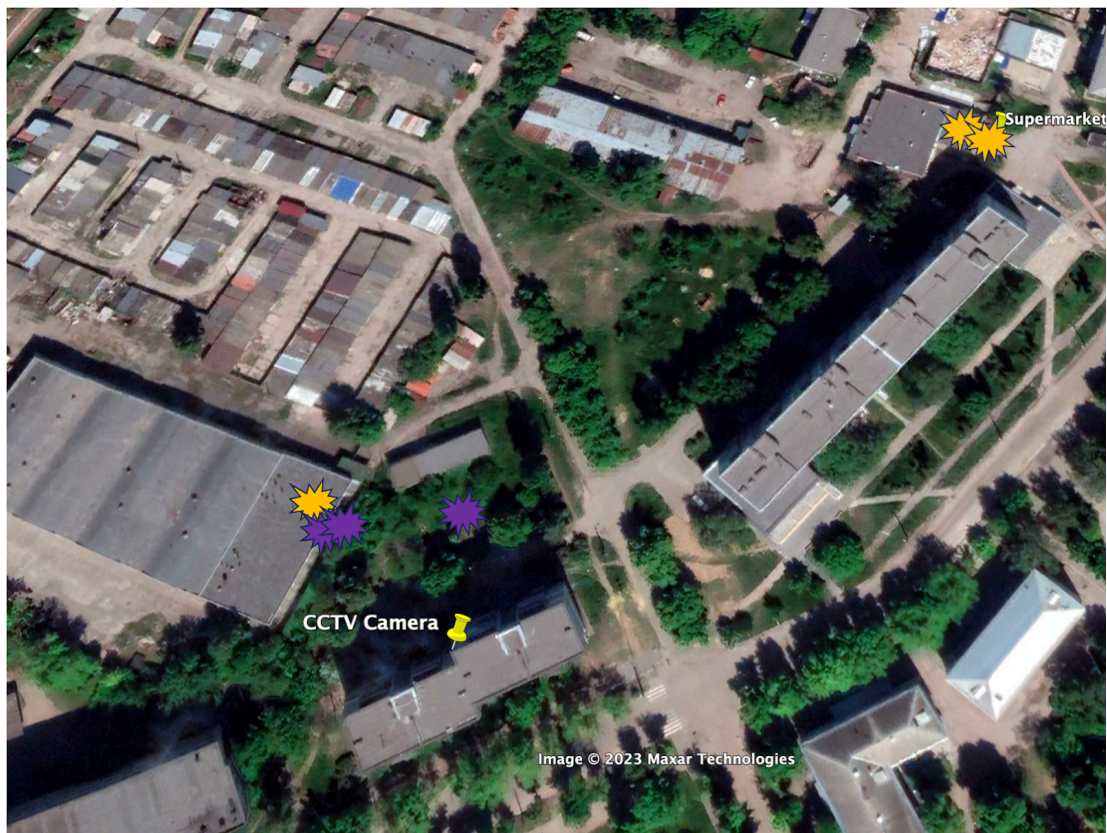
S4V1 appears to have been taken around 190 m away from the supermarket.

<sup>18</sup> <https://twitter.com/Sabados7/status/1500537351227035656?s=20>





*Line measurement between the supermarket and the CCTV camera (Credit: Google Earth Pro/Maxar Technologies).*



*Satellite imagery depicting the visually confirmed area affected by the strike (Credit: Google Earth Pro/Maxar Technologies).*

Six impacts were identified across various sources, which appear to be consistent with those left by submunition explosions. Furthermore, the CCTV camera captured the moment of impact of three submunitions. The image above shows the explosions seen on video marked in purple and identified craters marked in orange.

## **When Was the Incident?**

The first identified posting of the incident online appears to be a Telegram post (S1I1) at 12:04 EET on 06/03/2022. A statement made by the Office of the General Prosecutor of Ukraine also states the date to be 06/03/2022.

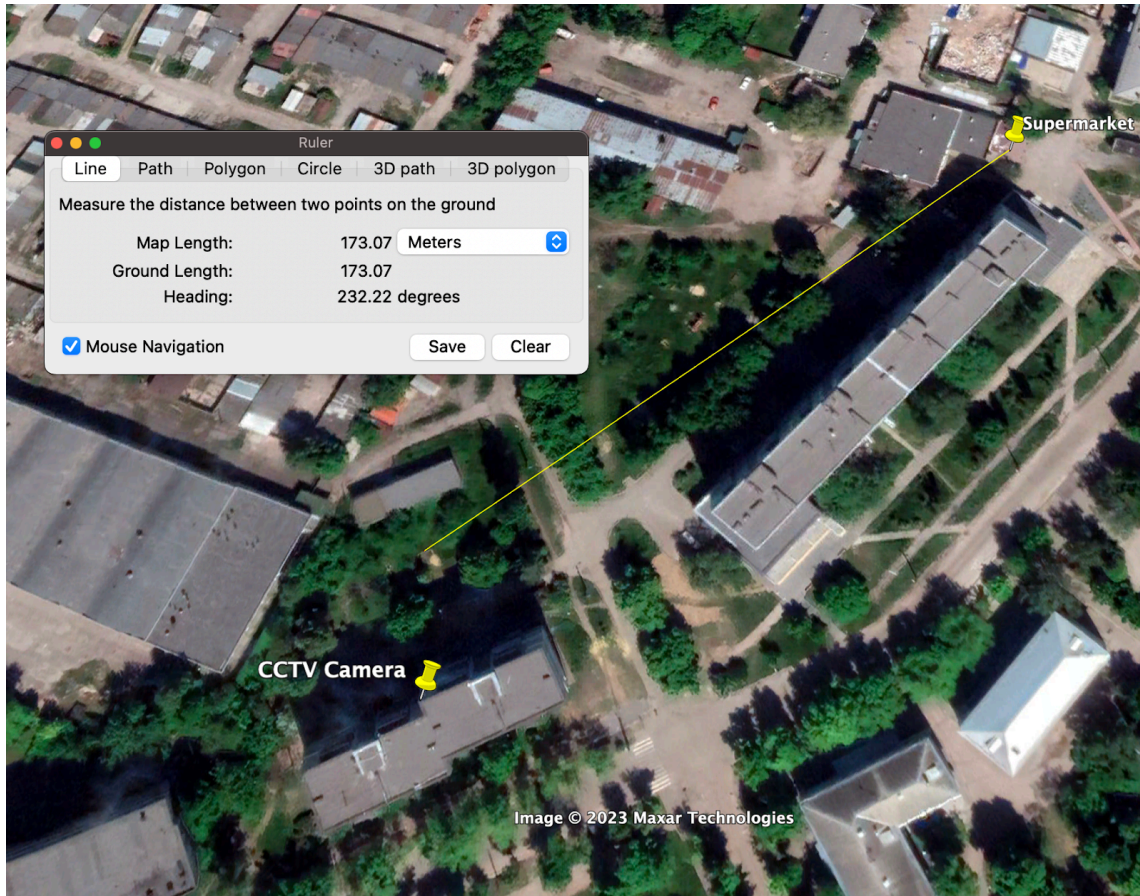
A CCTV recording, showing the moment of impact nearby (S4V1), was also published on Youtube on 06/03/2023. The video is time stamped with the time starting at 10:56:57 and ending at 10:57:04 EET on 06/03/2022. In this recording, only three explosions can be seen. The video does not capture the “Hazar” supermarket and the impacts that occurred there.

While the CCTV footage does not conclusively prove that the strike on the supermarket occurred at the same time as the explosions seen in the video, there are a number of reasons that suggest that the video relates to the strike on the supermarket.

## **Proximity**

The explosions seen in the CCTV footage are located around 170 m away from the small craters seen outside the supermarket.





*Line measurement between the craters outside of the supermarket and explosions seen in S4V1 (Credit: Google Earth Pro/Maxar Technologies).*

## The Reported Time

The incident was initially reported by [Ukrainian media](https://suspilne.media/214433-u-harkovi-snarad-vluciv-u-ludej-aki-stoali-v-cerzi-za-produktami/)<sup>19</sup> and the [Office of the General Prosecutor](https://t.me/pgo_gov_ua/3074)<sup>20</sup> to have occurred “around 12:00” EET. With the first identified post on Telegram being on 12:04 EET (S1I1), the incident is likely to have occurred prior to 12:00 EET. The post was made by a news aggregator channel meaning it would have taken time for the image to be sent and then uploaded to the channel. This makes the time of around 10:57 EET seen on the CCTV footage plausible.

## Matching Weather

The weather, namely the snowfall, can be observed to match in both the CCTV footage and the imagery of the supermarket.

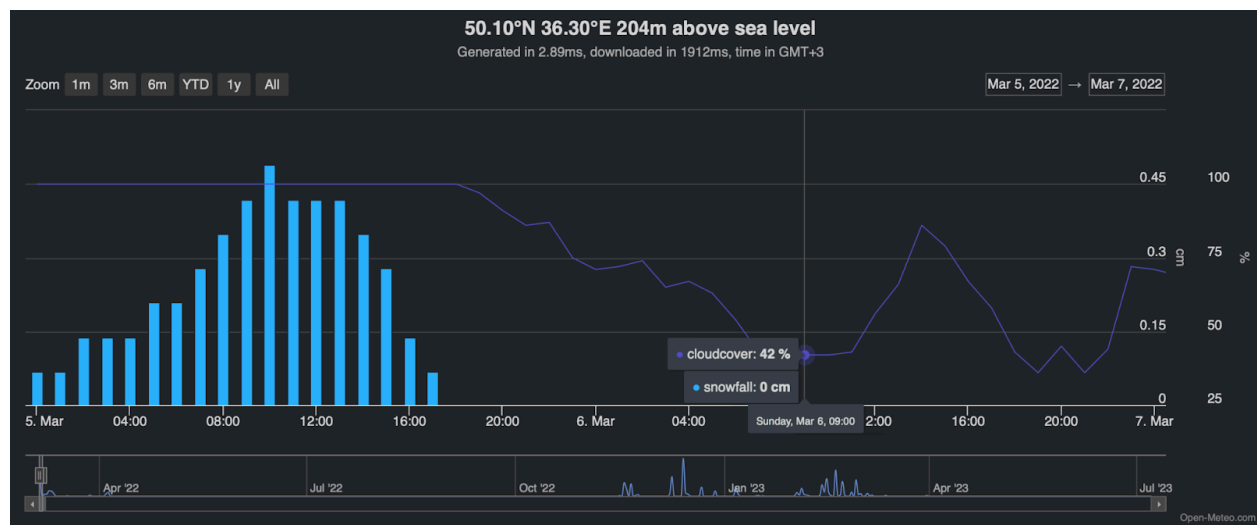
<sup>19</sup> <https://suspilne.media/214433-u-harkovi-snarad-vluciv-u-ludej-aki-stoali-v-cerzi-za-produktami/>

<sup>20</sup> [https://t.me/pgo\\_gov\\_ua/3074](https://t.me/pgo_gov_ua/3074)



Left: S1I1. Right: A still from S4V1.

This is further corroborated by the snowfall history data.



Snowfall history between 05/03/2022 and 07/03/2022 (Source: [OpenMeteo](https://open-meteo.com/en/docs/historical-weather-api#latitude=50.090056&longitude=36.25658&start_date=2022-03-05&end_date=2023-07-07&hourly=snowfall,cloudcover&timezone=Europe%2FMoscow)<sup>21</sup>).

As such, it is concluded that the explosions seen in the CCTV footage (S4V1) are likely to be part of the same incident as the events at the supermarket. Hence, the strike is assessed to have occurred prior to 12:04 EET, likely around 10:57 EET as seen on the CCTV footage.

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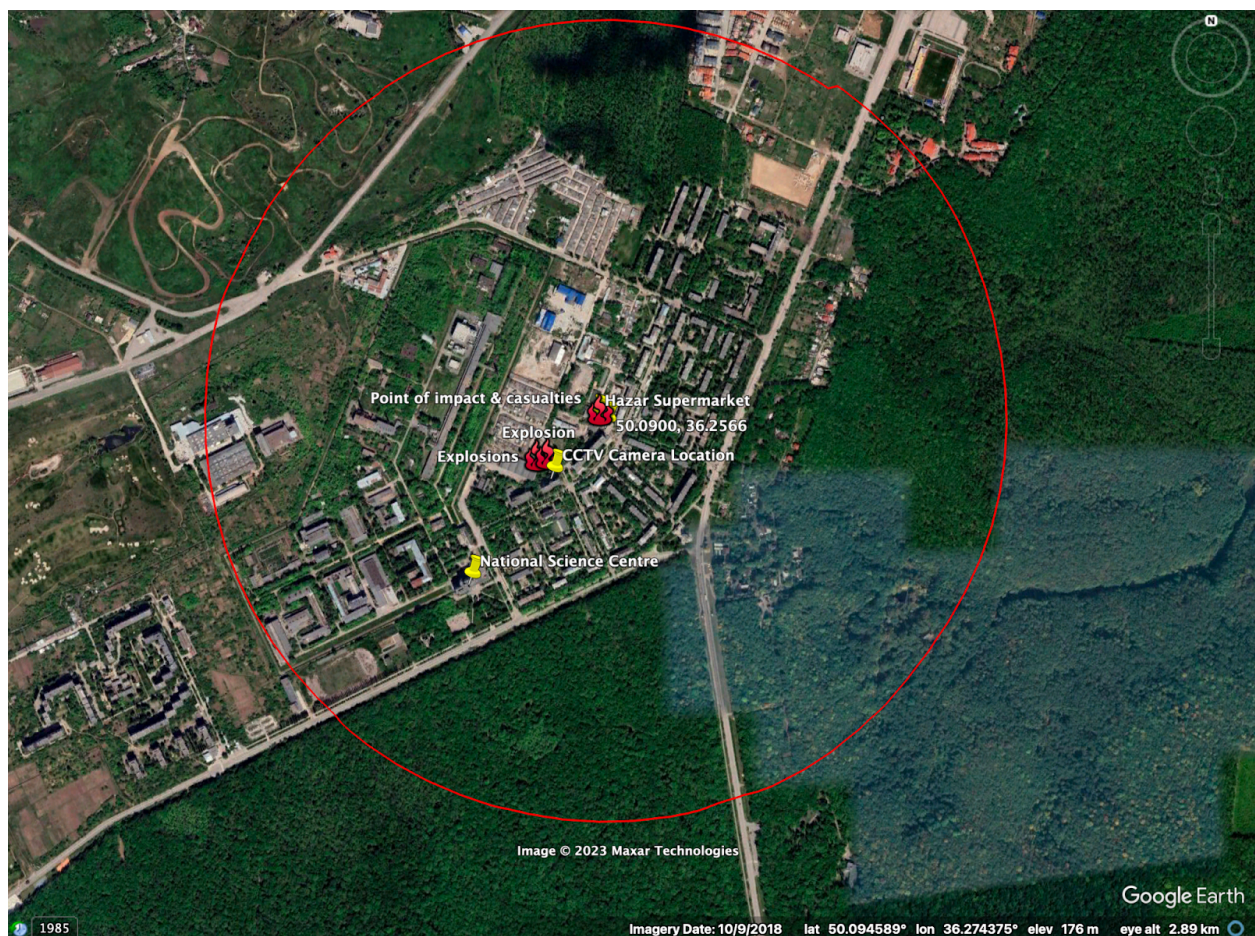
[https://open-meteo.com/en/docs/historical-weather-api#latitude=50.090056&longitude=36.25658&start\\_date=2022-03-05&end\\_date=2023-07-07&hourly=snowfall,cloudcover&timezone=Europe%2FMoscow](https://open-meteo.com/en/docs/historical-weather-api#latitude=50.090056&longitude=36.25658&start_date=2022-03-05&end_date=2023-07-07&hourly=snowfall,cloudcover&timezone=Europe%2FMoscow)



## Who and What Was Present?

While the strike appears to have impacted over a larger area (mixed use residential and commercial), civilian casualties were only reported from the location of the “Hazar” supermarket. Ukrainian media reports that at the moment of the strike there was a queue of people waiting outside the supermarket. Four people were reported killed and 15 injured in this strike.

A search was conducted within a 1 km radius of the incident. No military locations could be identified within this area on satellite imagery or mapping applications. Possibly relevant locations include the National Science Centre “Kharkiv Institute of Physics and Technology”, located 475 m from the supermarket, and/or industrial areas to the north and west.



*Area of search within 1 km of supermarket (Credit: Google Earth Pro/Maxar Technologies).*

## What Kind of Munition Was Used?

An online search was carried out with the aim of finding munition remnants around Pyatykhatky on and after 06/03/2022.



The investigator did not identify additional footage that may help in establishing the exact type of munition used in the strike.

It is worth noting that there is a forest to the east and south sides of Pyatykhatky, and the munition remnants could have landed there.



*Satellite imagery showing Pyatykhatky and the surrounding area (Credit: Google Earth Pro/Maxar Technologies).*

While no footage of the remnants was identified, both the craters outside the supermarket and the explosions seen in the CCTV footage appear to be consistent with those left by submunitions.





*Left: A still from S2V2 showing the small crater outside the supermarket. Right: Reference image of a cluster munition crater (Credit: [Human Rights Watch](#)<sup>22</sup>).*

The explosions seen in the CCTV footage match those of cluster submunitions seen elsewhere in the conflict.

The CCTV footage can be compared with the [footage of a cluster attack in Kharkiv](#)<sup>23</sup>, or [one from rural eastern Ukraine](#)<sup>24</sup>.

<sup>22</sup> <https://www.hrw.org/news/2022/03/04/ukraine-cluster-munitions-launched-kharkiv-neighborhoods>

<sup>23</sup> <https://t.me/c/1199360700/26191>

<sup>24</sup> <https://twitter.com/TuiteroMartin/status/1671527690724073473?s=20>



Left: A still from a video posted on [Telegram](#)<sup>25</sup> showing a cluster munition attack. Right: A still from S4V1 depicting one of the explosions.

## Timeline of the Incident

On 06/03/2022, prior to 12:04 EET and likely around 10:57 EET, a strike was carried out on Pyatykhatky, a northern neighbourhood of Kharkiv. At 12:04 EET the first known imagery (S1I1) was published showing multiple civilian casualties outside “Hazar” supermarket in Pyatykhatky.

## Statements from Parties of the Conflict

### Ukraine

- 1) [Office of the General Prosecutor statement](#)<sup>26</sup> on Telegram -  
*“On March 6, 2022, at about 12 o'clock, Russian servicemen fired artillery shells of uncertain characteristics at the Khazar supermarket located on Akademika Walter Street in Kharkiv. As a result of these actions of the aggressor country, at least 4 people were killed and more than 15 people were injured.”*
- 2) [Kharkiv regional Prosecutor's statement](#)<sup>27</sup> (Telegram) - same statement as above.

### Russia

No statements regarding this specific incident were identified.

<sup>25</sup> <https://t.me/c/1199360700/26191>

<sup>26</sup> [https://t.me/pgo\\_gov\\_ua/3074](https://t.me/pgo_gov_ua/3074)

<sup>27</sup> [https://t.me/prokuratura\\_kharkiv/2986](https://t.me/prokuratura_kharkiv/2986)



## **Conclusion**

On 06/03/2022, what appears to be a cluster munition strike was carried out on Pyatykhatky, a northern neighbourhood of Kharkiv, which impacted people outside the “Hazar” supermarket. The incident must have occurred prior to the earliest identified report at 12:04 EET. CCTV footage shows explosions around 190 m away from the site of the supermarket at around 10:57 EET. It is likely that the explosions seen in the CCTV footage are connected to those reported at the “Hazar” supermarket. The “Hazar” supermarket is reportedly the only location to have had civilian casualties as a result of this strike. In total, “at least four” were reported as killed and more than 15 as injured. It is worth noting that no munition remnants were identified through open source research, and as such, it is not possible to conclusively determine the type of munition or the direction from which it was fired.

## **Further Action**

Conduct a further online search with the aim of obtaining relevant munition remnant footage.