

**Table of ceasefire violations as of 13 October 2021<sup>9</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera 2km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	3-5km SE	Recorded	9	Projectile	N to S (unable to be assessed as either inside or outside the disengagement area near Petrivske)	N/K	12-Oct, 20:54
	3-5km SE	Recorded	12	Projectile	N to S (unable to be assessed as either inside or outside the disengagement area near Petrivske)	N/K	12-Oct, 20:55
	2-4km ESE	Recorded	2	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	12-Oct, 21:11
	3-5km ESE	Recorded	1	Explosion	Undetermined (unable to be assessed as either inside or outside the disengagement area near Petrivske)	N/K	12-Oct, 23:15
	3-5km ESE	Recorded	10	Projectile	SSW to NNE (unable to be assessed as either inside or outside the disengagement area near Petrivske)	N/K	12-Oct, 23:16
	2-4km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	12-Oct, 23:18
	3-5km ESE	Recorded	7	Projectile	SW to NE (unable to be assessed as either inside or outside the disengagement area near Petrivske)	N/K	12-Oct, 23:57
	3-5km E	Recorded	3	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	13-Oct, 02:01
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	2	Explosion	Undetermined	N/K	12-Oct, 21:30
	2-4km NE	Recorded	2	Explosion	Undetermined	N/K	12-Oct, 21:30
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:31
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:32
	2-4km N	Recorded	1	Muzzle flash		N/K	12-Oct, 21:32
	2-4km N	Recorded	1	Projectile	SW to NE (subsequent to previous event)	N/K	12-Oct, 21:32
	2-4km NE	Recorded	2	Explosion	Undetermined	N/K	12-Oct, 21:33
	2-4km NNE	Recorded	1	Muzzle flash		N/K	12-Oct, 21:37
	2-4km NNE	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	12-Oct, 21:37
	2-4km NNE	Recorded	1	Explosion	Undetermined (subsequent to previous event)	N/K	12-Oct, 21:37
	2-4km NNE	Recorded	6	Projectile	W to E	N/K	12-Oct, 21:39
	2-4km NNE	Recorded	4	Projectile	W to E	N/K	12-Oct, 21:42
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:42
	2-4km NNE	Recorded	1	Muzzle flash		N/K	12-Oct, 21:42

<sup>9</sup> The table only includes ceasefire violations directly observed by SMM patrols or recorded by the SMM cameras, and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground and technical monitoring officers, and are not always necessarily precise. When information is not known (indicated with an “N/K”), the SMM was unable to ascertain such information due to distance, weather conditions technical limitations and/or other considerations. Ceasefire violations recorded by more than one patrol/camera and assessed to be the same are entered only once.

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-4km NNE	Recorded	1	Explosion	Undetermined (subsequent to previous event)	N/K	12-Oct, 21:42
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:43
	2-4km NNE	Recorded	8	Projectile	W to E	N/K	12-Oct, 21:45
	2-4km NNE	Recorded	1	Muzzle flash		N/K	12-Oct, 21:45
	2-4km NNE	Recorded	1	Projectile	WSW to ENE (subsequent to previous event)	N/K	12-Oct, 21:45
	2-4km NNE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	12-Oct, 21:45
	2-4km NNE	Recorded	3	Explosion	Undetermined	N/K	12-Oct, 21:45
	2-4km NNE	Recorded	8	Projectile	W to E	N/K	12-Oct, 21:46
	2-4km NNE	Recorded	3	Muzzle flash		N/K	12-Oct, 21:46
	4-6km NNE	Recorded	9	Explosion	Undetermined	N/K	12-Oct, 21:46
	2-4km NNE	Recorded	7	Projectile	W to E	N/K	12-Oct, 21:47
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:47
	4-6km NNE	Recorded	3	Explosion	Undetermined	N/K	12-Oct, 21:47
	2-4km NNE	Recorded	4	Projectile	W to E	N/K	12-Oct, 21:48
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:50
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	12-Oct, 21:52
	2-4km NNE	Recorded	1	Muzzle flash		N/K	12-Oct, 21:53
	2-4km NNE	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	12-Oct, 21:53
	2-4km NNE	Recorded	3	Projectile	W to E	N/K	12-Oct, 21:54
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:54
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:55
	2-4km NNE	Recorded	4	Projectile	W to E	N/K	12-Oct, 21:55
	2-4km NNE	Recorded	1	Muzzle flash		N/K	12-Oct, 21:56
	2-4km NNE	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	12-Oct, 21:56
	2-4km NNE	Recorded	1	Projectile	SW to NE	N/K	12-Oct, 21:56
	2-4km NNE	Recorded	1	Projectile	SW to NE	N/K	12-Oct, 21:58
	2-4km NNE	Recorded	2	Projectile	W to E	N/K	12-Oct, 21:59
	2-4km NNE	Recorded	2	Explosion	Undetermined	N/K	12-Oct, 22:00
	2-4km NNE	Recorded	5	Projectile	W to E	N/K	12-Oct, 22:00
	2-4km NNE	Recorded	7	Projectile	W to E	N/K	12-Oct, 22:01
	2-4km NNE	Recorded	1	Projectile	SW to NE	N/K	12-Oct, 22:02
	2-4km NNE	Recorded	3	Projectile	W to E	N/K	12-Oct, 22:02
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 22:02
	2-4km NNE	Recorded	14	Projectile	W to E	N/K	12-Oct, 22:04
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-2km W	Recorded	1	Projectile	N to S	N/K	13-Oct, 18:56
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km N	Recorded	1	Muzzle flash		N/K	12-Oct, 18:38
	4-6km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	12-Oct, 18:38
	4-6km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	12-Oct, 18:38
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 18:47
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 19:08
	3-5km NNE	Recorded	1	Projectile	W to E	N/K	12-Oct, 20:14
	3-5km NNE	Recorded	2	Projectile	W to E	N/K	12-Oct, 21:38
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 22:42
	4-6km N	Recorded	2	Projectile	SE to NW	N/K	13-Oct, 00:09
	3-5km N	Recorded	1	Illumination flare	In vertical flight	N/K	13-Oct, 18:27
	3-5km N	Recorded	1	Projectile	SW to NE	N/K	13-Oct, 18:34
	3-5km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	13-Oct, 18:34
	SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km WSW	Recorded	1	Burst	S to N (in vertical flight)	N/K
Krasnohorivka (government-controlled, 24km N of Donetsk)	6-8km SE	Heard	2	Explosion	Undetermined	N/K	13-Oct, 11:52
S part of Avdiivka (government-controlled, 17km N of Donetsk)	5km SE	Heard	7	Explosion	Undetermined	N/K	13-Oct, 12:22

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
W edge of Novoluhanske (government-controlled, 53km NE of Donetsk)	3-5km SSW	Heard	15	Explosion	Undetermined	N/K	12-Oct, 11:03
About 1km W of Kodema (government-controlled, 57km NE of Donetsk)	4-6km SSE	Heard	7	Explosion	Undetermined	N/K	13-Oct, 12:23
Hranitne (government-controlled, 60km S of Donetsk)	3-5km N/K	Heard	20	Explosion	Undetermined	N/K	13-Oct, 12:10-12:45
Pikuzy (formerly Kominternove, non-government-controlled, 92km S of Donetsk)	600-800m SW	Heard	1	Shot		Small arms	13-Oct, 13:35
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km ESE	Recorded	1	Projectile	SW to NE (assessed as outside the disengagement area near Zolote)	N/K	13-Oct, 18:39
	4-6km ESE	Recorded	2	Muzzle flash	Assessed as outside the disengagement area near Zolote	N/K	13-Oct, 18:39
	4-6km ESE	Recorded	2	Projectile	SW to NE (subsequent to previous event, assessed as outside the disengagement area near Zolote)	N/K	13-Oct, 18:39
	4-6km ESE	Recorded	1	Muzzle flash	Assessed as outside the disengagement area near Zolote	N/K	13-Oct, 18:39
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	4-6km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	12-Oct, 19:46
	4-6km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	12-Oct, 19:49
N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km SE	Heard	8	Shot and burst		Small arms	13-Oct, 00:16-00:18
	4-6km SE	Heard	9	Burst		Small arms	13-Oct, 00:16-00:18
	4-6km SE	Heard	3	Explosion	Undetermined	N/K	13-Oct, 01:06
	4-6km SE	Heard	4	Explosion	Undetermined	N/K	13-Oct, 01:50
	4-6km SE	Heard	15	Burst		Small arms	13-Oct, 01:50
	3-4km SE	Heard	7	Burst		HMG	13-Oct, 17:50-18:05
	4-5km E	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	13-Oct, 18:13-18:20
4-5km E	Heard	7	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	13-Oct, 18:28-18:31	
About 3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	2-3km NE	Heard	17	Shot	Assessed as outside the disengagement area near Zolote	Small arms	13-Oct, 09:40-09:42
SSW edge of Luhansk city (non-government-controlled)	10-15km SSW	Heard	7	Explosion	Undetermined	N/K	13-Oct, 11:20-11:35
About 50m NE of EECF near Zolote (government-controlled, 60km W of Luhansk)	6-7km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	13-Oct, 13:44
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	10-12km WSW	Heard	9	Explosion	Undetermined	N/K	13-Oct, 17:45-18:00