

**Table of ceasefire violations as of 29 November 2021<sup>9</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.8-1.5km SSW	Recorded	3	Projectile	In vertical flight	N/K	28-Nov, 22:38
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	1	Projectile	SE to NW	N/K	28-Nov, 19:07
	4-6km N	Recorded	2	Projectile	In vertical flight	N/K	28-Nov, 21:10
	3-5km N	Recorded	1	Muzzle flash		N/K	28-Nov, 22:04
	3-5km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	28-Nov, 22:04
	3-5km N	Recorded	1	Projectile	W to E	N/K	28-Nov, 22:05
	3-5km N	Recorded	2	Projectile	W to E	N/K	28-Nov, 23:15
	4-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	28-Nov, 23:23
	4-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	28-Nov, 23:55
	3-5km N	Recorded	1	Projectile	In vertical flight	N/K	29-Nov, 00:47
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SSE	Recorded	1	Projectile	NNW to SSE	N/K	29-Nov, 00:07
About 700m SE of Kremynets (non-government-controlled, 16km SW of Donetsk)	3-5km NW	Heard	5	Explosion	Undetermined	N/K	29-Nov, 09:05-09:08
	3-4km NW	Heard	3	Explosion	Undetermined	N/K	29-Nov, 09:09
	1-2km NE	Heard	5	Explosion	Undetermined	N/K	29-Nov, 09:17
	1-2km SW	Heard	5	Explosion	Undetermined	N/K	29-Nov, 09:17
	1-2km SW	Heard	7	Explosion	Outgoing	N/K	29-Nov, 09:20
	1-2km SW	Heard	3	Explosion	Outgoing	N/K	29-Nov, 09:22
	1-2km SW	Heard	6	Explosion	Outgoing	N/K	29-Nov, 09:26
About 700m SSE of Olenivka (non-government-controlled, 23km SW of Donetsk)	3-5km NW	Heard	17	Explosion	Undetermined	N/K	29-Nov, 09:10-09:20
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	3km NE	Heard	3	Explosion	Undetermined	N/K	29-Nov, 09:05
	2km WNW	Heard	1	Explosion	Undetermined	N/K	29-Nov, 09:05
	2-3km WNW	Heard	1	Explosion	Undetermined	N/K	29-Nov, 09:05
	2km NE	Heard	2	Explosion	Undetermined	N/K	29-Nov, 09:08
	2km ENE	Heard	2	Explosion	Undetermined	N/K	29-Nov, 09:11-09:15
	3-4km NW	Heard	2	Explosion	Undetermined	N/K	29-Nov, 09:11-09:15
	2km ENE	Heard	2	Explosion	Undetermined	N/K	29-Nov, 09:11-09:15
	3km WNW	Heard	2	Explosion	Undetermined	N/K	29-Nov, 09:11-09:15
	2-3km ENE	Heard	2	Explosion	Undetermined	N/K	29-Nov, 09:11-09:15
	2km WNW	Heard	1	Explosion	Undetermined	N/K	29-Nov, 09:11-09:15
	2km ENE	Heard	1	Explosion	Undetermined	N/K	29-Nov, 09:11-09:15
	2-3km WNW	Heard	1	Explosion	Undetermined	N/K	29-Nov, 09:11-09:15
	2km E	Heard	2	Explosion	Undetermined	N/K	29-Nov, 09:11-09:15
Staromykhailivka (non-government-controlled, 15km W of Donetsk)	1-2km SW	Heard	5	Shot		Small arms	29-Nov, 10:13
Shyroka Balka (non-government-controlled, 34km NE of Donetsk)	2km W	Heard	6	Shot		HMG	29-Nov, 10:33
	2km SW	Heard	2	Shot		HMG	29-Nov, 12:18
About 800m N of Petrivske (non-government-controlled, 41km S of Donetsk)	4-5km S	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	29-Nov, 10:38
	4km S	Heard	4	Burst	Assessed as outside the disengagement area	Small arms	29-Nov, 10:00
	4km S	Heard	3	Burst	Assessed as outside the disengagement area	Small arms	29-Nov, 10:18
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	4-5km SW	Heard	2	Explosion	Undetermined	N/K	29-Nov, 12:55
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	29-Nov, 13:14
About 2km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	3-4km SSE	Heard	3	Burst	Assessed as outside the disengagement area near Petrivske	Small arms	29-Nov, 11:19

<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
	3-4km SSE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	29-Nov, 12:20-12:25
Orlivske (government-controlled, 82km S of Donetsk)	3-5km SE	Heard	2	Explosion	Undetermined	N/K	29-Nov, 11:05
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km SSW	Heard	5	Explosion	Outgoing	N/K	29-Nov, 11:00-11:03
Verkhnotoretske (government-controlled, 23km NE of Donetsk)	1km SSE	Heard	12	Burst		Small arms	29-Nov, 11:07
E edge of Zhovte (non-government-controlled, 17km NW of Luhansk)	1km N	Heard	10	Shot		Small arms	29-Nov, 11:35
Pervomaisk (non-government-controlled, 58km W of Luhansk)	3-4km WNW	Heard	5	Burst	Assessed as outside the disengagement area near Zolote	HMG	29-Nov, 11:42
Zolote-5/Mykhailivka (non-government-controlled, 60km W of Luhansk)	3-4km N	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	29-Nov, 13:22
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2-4km SSW	Heard	49	Explosion	Undetermined (unable to assess if inside or outside the disengagement area)	N/K	29-Nov, 14:59-15:17
	3-5km WNW	Heard	14	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	29-Nov, 14:59-15:17
	3-5km WNW	Heard	8	Burst	Assessed as outside the disengagement area	Small arms	29-Nov, 14:59-15:17
	3-5km WNW	Heard	12	Burst	Assessed as outside the disengagement area	HMG	29-Nov, 14:59-15:17
	1-3km SSE	Heard	18	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	29-Nov, 15:20-15:42
	1-3km SSE	Heard	1	Burst	Assessed as outside the disengagement area	Small arms	29-Nov, 15:20-15:42
	3-5km NNW	Heard	27	Explosion	Undetermined	N/K	29-Nov, 15:20-15:42
	1-3km S	Heard	18	Shot	Assessed as outside the disengagement area	Small arms	29-Nov, 17:04-17:10