

Table of ceasefire violations¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Time/date
JCCC observation point at Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	3-5km WSW	Heard two undetermined explosions	N/K	21 November, 10:10hrs ²
	3-6km WNW	Heard 12 undetermined explosions		Small arms
		Heard bursts	21 November, 13:06hrs	
	3-8km between SW and NW	Heard four undetermined explosions	N/K	21 November, 14:00hrs
Novhorodske (government controlled, 35km N of Donetsk)	1km S	Heard two bursts	Small arms	21 November, 08:44hrs
	1km SE	Heard one single shot	Small arms	21 November, 08:48hrs
	300m SE	Heard one explosion	AGL	21 November, 11:15hrs
	1km S	Heard four explosions and 23 single shots	AGL, Small arms	21 November, 11:40-12:00hrs
Horlivka (“DPR”-controlled 39km NE of Donetsk)	3km SW	Heard two undetermined explosions and sporadic bursts	N/K, Small arms	21 November, 12:51-13:03hrs
Fedorivka (government-controlled, 85km N of Donetsk)	4km SW	Heard 12 explosions and continuous bursts	Mortar (120mm), SALW	21 November, 11:58-12:08hrs
Shchastia (government-controlled 20km N of Luhansk)	10km SW	Heard four undetermined explosions	Artillery	21 November, 11:35hrs
	5km W	Heard one undetermined explosion	N/K	21 November, 12:58hrs
Zolote (government-controlled, 60km NW of Luhansk)	15km SW	Heard three undetermined explosions	N/K	21 November 11:00-11:10hrs
Katerynivka (government-controlled, 62km W of Luhansk)	15km SW	Heard eight undetermined explosions	N/K	21 November, 11:25-11:50hrs
Kalynove (“LPR”-controlled, 58km W of Luhansk)	10km	Heard five undetermined explosions	N/K	21 November 10:42hrs

¹ **Note:** The table only includes ceasefire violations directly observed by the SMM 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 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 and/or other considerations.

² All time references are in Kyiv time unless otherwise specified.

	12km	Heard two undetermined explosions	N/K	21 November 10:48hrs
Artema (government-controlled 26km N of Luhansk)	5km S	Heard one undetermined explosion	N/K	21 November, 13:08hrs
JCCC observation point at Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	4-5km WNW	Heard two undetermined explosions	N/K	22 November, 09:47hrs
	8-10km WSW	Heard one undetermined explosion		22 November, 09:50hrs
	4-5km WSW	Heard one undetermined explosion		22 November, 09:52hrs
	3-4km WSW	Heard three-four single shots	Small arms	22 November, 09:53hrs
	4-5km WSW	Heard six undetermined explosions (one explosion much louder than the other five)	Mortar	22 November, 10:04hrs
			N/K	22 November, 10:16-10:20hrs
			AGL	
	4-5km W	Heard three undetermined explosions	N/K	22 November, 10:23-10:26hrs
	3km WSW	Heard six undetermined explosions		Small arms
		Heard two bursts and approximately 10 single shots		
	4km WSW	Heard four undetermined explosions	Mortar	22 November, 10:38hrs
		Heard two bursts	Small arms	22 November, 10:45hrs
	3-4km W	Heard approximately 15 single shots		
		3-4km W	Heard two undetermined explosions	N/K
	4km W		Heard one undetermined explosion	
		4km W	Heard one undetermined explosion	
	4km W	Heard one undetermined explosion		22 November, 11:08hrs
		Heard three bursts	HMG	22 November, 11:32hrs

		Heard two undetermined explosions		22 November, 11:41hrs
	6-7km W	Heard two undetermined explosions		22 November, 11:45-11:48hrs
	6-7km WNW	Heard one undetermined explosion	N/K	22 November, 12:09hrs
	6km N	Saw smoke of three undetermined explosions		22 November, 13:00hrs
	6-7km W	Heard one undetermined explosion		22 November, 13:05hrs
	4km W	Heard approximately seven single shots	Small arms	22 November, 13:06hrs
Kirova Street of Donetsk city ("DPR"-controlled, 8.5km ESE of Donetsk city centre)	5km WSW	Heard two undetermined explosions	N/K	22 November, 10:16hrs
Marinka (government-controlled, 23km SW of Donetsk)	1km E	Heard one undetermined explosion		22 November, 09:56hrs
		Heard two bursts	Small arms	22 November, 09:57hrs
Staromykhailivka ("DPR"-controlled, 16km W of Donetsk)	N/K km NW	Heard two undetermined explosions	N/K	22 November, 12:11hrs
	200-500m N	Heard five outgoing explosions	Mortar (82mm)	22 November, 12:25hrs
Krasnohorivka (government-controlled, 21km W of Donetsk)	3km ESE	Heard three incoming explosions	Mortar	22 November, 12:28hrs
Kamianka (government-controlled, 12km N of Donetsk)	3km SW	Heard six incoming and outgoing explosions	Mortar (82mm)	22 November 10:15-10:25hrs
Avdiivka (government-controlled, 15km N of Donetsk)	6-7km SE	Heard 25+ undetermined explosions	AGL	22 November 11:29-12:05hrs
		Heard two undetermined explosions	Mortar (120mm)	
		Heard one burst	Small arms	
Novobakhmutivka (government-controlled, 27km N of Donetsk)	4km S	Heard one outgoing explosion	Artillery	22 November 11:33hrs