

Table of ceasefire violations as of 28 November 2021⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	4	Projectile	NE to SW	N/K	26-Nov, 17:08
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	26-Nov, 17:19
	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	26-Nov, 17:19
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	26-Nov, 17:19
	2-4km SE	Recorded	1	Explosion	Airburst (subsequent to previous event)	N/K	26-Nov, 17:19
	2-4km SE	Recorded	6	Projectile	NNE to SSW	N/K	26-Nov, 18:32
	2-4km SE	Recorded	11	Projectile	NNE to SSW	N/K	26-Nov, 18:38
	2-4km SE	Recorded	2	Projectile	NNE to SSW	N/K	26-Nov, 18:42
	2-4km SE	Recorded	1	Projectile	N to S	N/K	26-Nov, 18:55
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-3km W	Recorded	1	Explosion	Undetermined	N/K	26-Nov, 23:40
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	0.5-1km W	Recorded	3	Projectile	SSW to NNE (assessed as inside the disengagement area)	N/K	27-Nov, 00:16
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km N	Recorded	1	Explosion	Undetermined (also recorded by SMM camera in Hnutove)	N/K	26-Nov, 17:43
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	26-Nov, 19:45
	4-6km NNE	Recorded	1	Muzzle flash		N/K	26-Nov, 20:21
	4-6km NNE	Recorded	1	Projectile	In vertical flight (subsequent to previous event)	N/K	26-Nov, 20:21
	4-6km N	Recorded	2	Projectile	W to E	N/K	26-Nov, 21:03
	3-5km N	Recorded	14	Projectile	WSW to ENE	N/K	26-Nov, 21:48
	3-5km N	Recorded	14	Projectile	WSW to ENE	N/K	26-Nov, 21:52
	4-6km N	Recorded	3	Projectile	WSW to ENE	N/K	26-Nov, 22:04
	4-6km N	Recorded	6	Projectile	W to E	N/K	26-Nov, 22:05
	4-6km N	Recorded	10	Projectile	W to E	N/K	26-Nov, 22:06
	4-6km N	Recorded	8	Projectile	W to E	N/K	26-Nov, 22:07
	4-6km N	Recorded	7	Projectile	W to E	N/K	26-Nov, 22:08
	4-6km N	Recorded	10	Projectile	W to E	N/K	26-Nov, 22:09
	4-6km N	Recorded	7	Projectile	SE to NW	N/K	26-Nov, 22:09
	4-6km N	Recorded	10	Projectile	W to E	N/K	26-Nov, 22:10
	4-6km N	Recorded	7	Projectile	W to E	N/K	26-Nov, 22:11
	5-7km N	Recorded	5	Explosion	Undetermined	N/K	26-Nov, 22:21
	3-5km N	Recorded	13	Projectile	WSW to ENE	N/K	26-Nov, 23:11
	3-5km N	Recorded	6	Projectile	In vertical flight	N/K	26-Nov, 23:14
	3-5km N	Recorded	1	Projectile	SE to NW	N/K	26-Nov, 23:26
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km ESE	Heard	3	Burst		HMG	26-Nov, 19:03
	2-3km ESE	Heard	3	Burst		HMG	26-Nov, 22:34
	2-3km ESE	Heard	15	Burst		HMG	26-Nov, 22:47-22:51
	3-5km ESE	Heard	2	Explosion	Undetermined	N/K	26-Nov, 22:51
	3-4km ESE	Heard	2	Explosion	Undetermined	N/K	27-Nov, 06:38
	3-4km ESE	Heard	1	Explosion	Undetermined	N/K	27-Nov, 06:59
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	1	Explosion	Outgoing	N/K	27-Nov, 12:40
About 1km SE of Maiorsk (government-controlled, 45km NE of Donetsk)	1-2km ENE	Heard	1	Explosion	Undetermined	N/K	27-Nov, 10:40
About 8km NW of Horlivka (non-government-controlled, 39km NE of Donetsk)	1-2km SSW	Heard	1	Explosion	Undetermined	N/K	27-Nov, 11:05
	4-5km SW	Heard	2	Explosion	Undetermined	N/K	27-Nov, 11:52-11:54

⁹ 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.

About 6.5km NW of Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km SW	Heard	2	Explosion	Undetermined	N/K	27-Nov, 12:09
Petrivske (non-government-controlled, 41km S of Donetsk)	3km S	Heard	14	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	27-Nov, 12:45-12:50
	2-3km S	Heard	80	Shot	Assessed as outside the disengagement area	Small arms	27-Nov, 12:45-12:50
	2-3km S	Heard	5	Burst	Assessed as outside the disengagement area	Small arms	27-Nov, 12:45-12:50
About 1km E of Hranitne (government-controlled, 60km S of Donetsk)	3-4km SW	Heard	19	Shot		HMG	27-Nov, 11:47-12:00
Chermalyk (government-controlled, 77km S of Donetsk)	1km SSE	Heard	16	Shot		HMG	27-Nov, 10:09-10:15
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	3-5km SSE	Heard	7	Burst		HMG	27-Nov, 12:07-12:11
	3-5km SE	Heard	5	Burst		HMG	27-Nov, 12:13-12:15
About 3km N Pervomaisk (non-government-controlled, 58km W of Luhansk)	3-5km NNE	Heard	3	Shot	Assessed as outside the disengagement area near Zolote	Small arms	27-Nov, 08:30-08:32
	3-5km NNE	Heard	12	Burst	Assessed as outside the disengagement area near Zolote	HMG	27-Nov, 08:30-08:32
About 2km W of Hirske (government-controlled, 63km W of Luhansk)	1-2km ESE	Heard	4	Burst		HMG	27-Nov, 08:03-08:33
SW edge of Zolote-5/Mykhailivka (non-government-controlled, 60km W of Luhansk)	2-3km SSE	Heard	37	Shot	Assessed as outside the disengagement area	Small arms	27-Nov, 09:50-09:55
	2-3km SSE	Heard	58	Shot	Assessed as outside the disengagement area	Small arms	27-Nov, 10:00-10:05
Zolote-4/Rodina (government-controlled, 62km W of Luhansk)	1-2km ESE	Heard	8	Burst	Assessed as outside the disengagement area	HMG	27-Nov, 10:07-10:08
NW edge of Almazna (non-government-controlled, 55km W of Luhansk)	3-5km SSW	Heard	7	Burst		Small arms	27-Nov, 10:10-10:26
	3-5km SSW	Heard	23	Shot		Small arms	27-Nov, 10:10-10:26
NE edge of Raiyvka (non-government-controlled, 16km NW of Luhansk)	100m NE	Heard	6	Shots		Small arms	27-Nov, 10:30-10:33
S edge of Hirske (government-controlled, 63km W of Luhansk)	2-3km SE	Heard	6	Burst	Assessed as outside the disengagement area near Zolote	HMG	27-Nov, 13:39-13:40
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	1-3km ESE	Recorded	4	Projectile	NNE to SSW	N/K	27-Nov, 18:40
	1-3km SSE	Recorded	5	Projectile	WSW to ENE	N/K	27-Nov, 18:40
	1-3km ESE	Recorded	6	Projectile	NNE to SSW	N/K	27-Nov, 18:41
	1-3km SSE	Recorded	20	Projectile	WSW to ENE	N/K	27-Nov, 18:41
	1-3km SSE	Recorded	3	Projectile	WSW to ENE	N/K	27-Nov, 18:41
	1.5-3km SSE	Recorded	3	Explosion	Impact (subsequent to previous event)	N/K	27-Nov, 18:41
	1-3km SSE	Recorded	20	Projectile	WSW to ENE	N/K	27-Nov, 18:42
	1-3km ESE	Recorded	4	Projectile	NNE to SSW	N/K	27-Nov, 18:46
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km N	Recorded	2	Projectile	W to E	N/K	27-Nov, 16:24
	4-6km N	Recorded	1	Projectile	SSE to NNW	N/K	27-Nov, 16:24
	4-6km N	Recorded	2	Projectile	W to E	N/K	27-Nov, 16:43
	4-6km N	Recorded	2	Projectile	E to W	N/K	27-Nov, 16:53
	4-6km N	Recorded	1	Projectile	SSE to NNW	N/K	27-Nov, 16:53
	4-6km N	Recorded	5	Projectile	W to E	N/K	27-Nov, 17:34
	4-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	27-Nov, 18:57
	4-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	27-Nov, 21:01
	4-6km N	Recorded	2	Projectile	In vertical flight	N/K	27-Nov, 21:01
	4-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	27-Nov, 23:31
Horlivka (non-government-controlled, 39km NE of Donetsk)	4km W	Heard	12	Burst		HMG	28-Nov, 06:45-06:48
	5-6km W	Heard	1	Explosion	Undetermined	N/K	28-Nov, 16:39
	5-6km W	Heard	1	Burst		HMG	28-Nov, 16:41
	5-6km W	Heard	1	Explosion	Undetermined	N/K	28-Nov, 16:46
	5-6km W	Heard	1	Explosion	Undetermined	N/K	28-Nov, 16:47
	5-6km W	Heard	1	Explosion	Undetermined	N/K	28-Nov, 18:16

About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	4-6km SE	Heard	20	Burst		Small arms	28-Nov, 12:32-12:39
NE edge of Talakivka (government-controlled, 90km S of Donetsk)	2-2.5km SE	Heard	13	Shot		Small arms	28-Nov, 11:44-11:51
	2-2.5km SE	Heard	8	Burst		HMG	28-Nov, 11:44-11:51
	2-2.5km SE	Heard	1	Explosion	Undetermined	N/K	28-Nov, 11:44-11:51
About 2km WSW of Zalizne (formerly Artemove, government-controlled, 42km NE of Donetsk)	2km SE	Heard	2	Explosion	Undetermined	N/K	28-Nov, 11:33
About 8km NNW of Horlivka (non-government-controlled, 39km NE of Donetsk)	1-2km SSW	Heard	2	Burst		HMG	28-Nov, 10:57
About 7km NNW of Horlivka (non-government-controlled, 39km NE of Donetsk)	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	28-Nov, 11:57
About 4.5km NNW of Horlivka (non-government-controlled, 39km NE of Donetsk)	5-6km NNW	Heard	1	Explosion	Undetermined	N/K	28-Nov, 09:58
	5-6km W	Heard	3	Explosion	Undetermined	N/K	28-Nov, 11:32
Staromykhailivka (non-government-controlled, 15km W of Donetsk)	1-2km W	Heard	4	Burst		HMG	28-Nov, 11:35
	1-2km W	Heard	6	Shot		Small arms	28-Nov, 11:35