

**Table of ceasefire violations as of 15 November 2021<sup>10</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera 2km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	2-4km SE	Recorded	1	Illumination flare	In vertical flight (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	14-Nov, 20:57
	3-5km ESE	Recorded	3	Projectile	NNE to SSW (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	14-Nov, 21:33
	3-5km ESE	Recorded	8	Projectile	NNE to SSW (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	14-Nov, 21:34
	1-3km ESE	Recorded	1	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	14-Nov, 22:06
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km E	Recorded	7	Projectile	NNW to SSE	N/K	15-Nov, 16:50
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	3-5km WSW	Recorded	1	Illumination flare	In vertical flight	N/K	15-Nov, 18:10
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 19:01
	4-6km N	Recorded	11	Projectile	W to E	N/K	14-Nov, 21:05
	4-6km N	Recorded	16	Projectile	W to E	N/K	14-Nov, 21:06
	4-6km N	Recorded	4	Projectile	W to E	N/K	14-Nov, 21:07
	4-6km N	Recorded	2	Projectile	W to E	N/K	14-Nov, 21:10
	5-7km N	Recorded	4	Projectile	W to E	N/K	14-Nov, 22:02
	5-7km N	Recorded	13	Projectile	E to W	N/K	14-Nov, 22:03
	3-5km N	Recorded	6	Projectile	W to E	N/K	14-Nov, 22:06
	4-6km N	Recorded	1	Projectile	W to E	N/K	14-Nov, 22:17
	3-5km N	Recorded	1	Illumination flare	In vertical flight	N/K	14-Nov, 22:46
	4-6km N	Recorded	15	Projectile	E to W	N/K	14-Nov, 23:50
	4-6km N	Recorded	2	Projectile	W to E	N/K	14-Nov, 23:51
	4-6km N	Recorded	1	Projectile	SE to NW	N/K	14-Nov, 23:51
	4-6km N	Recorded	8	Projectile	W to E	N/K	15-Nov, 02:09
	4-6km N	Recorded	1	Projectile	W to E	N/K	15-Nov, 02:10
	4-6km N	Recorded	2	Projectile	E to W	N/K	15-Nov, 02:10
	5-7km N	Recorded	2	Projectile	W to E	N/K	15-Nov, 02:13
	4-6km N	Recorded	3	Projectile	W to E	N/K	15-Nov, 02:38
	4-6km N	Recorded	4	Projectile	W to E	N/K	15-Nov, 02:39
	4-6km N	Recorded	4	Projectile	ESE to WNW	N/K	15-Nov, 03:23
	4-6km N	Recorded	1	Projectile	W to E	N/K	15-Nov, 03:27
	4-6km N	Recorded	1	Projectile	W to E	N/K	15-Nov, 03:59
	4-6km N	Recorded	1	Projectile	E to W	N/K	15-Nov, 04:15
	4-6km N	Recorded	2	Projectile	E to W	N/K	15-Nov, 04:16
	4-6km N	Recorded	1	Projectile	W to E	N/K	15-Nov, 04:20
	4-6km N	Recorded	1	Muzzle flash		N/K	15-Nov, 04:20
	4-6km N	Recorded	2	Projectile	W to E	N/K	15-Nov, 04:21
4-6km N	Recorded	4	Projectile	W to E	N/K	15-Nov, 18:38	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km WSW	Recorded	1	Illumination flare	In vertical flight	N/K	15-Nov, 18:10
	3-5km SSE	Recorded	6	Projectile	NNE to SSW	N/K	15-Nov, 17:30
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km W	Heard	9	Explosion	Undetermined	N/K	14-Nov, 22:00-22:30
	3-5km W	Heard	7	Burst	Undetermined	N/K	14-Nov, 22:37-22:38
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km NNE	Heard	50	Shot		Small arms	15-Nov, 09:50-09:55

<sup>10</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 E	Heard	3	Explosion	Undetermined	N/K	15-Nov, 13:29
E edge of Avdiivka (government-controlled, 17km N of Donetsk)	5km SSE	Heard	4	Explosion	Undetermined	N/K	15-Nov, 10:36-10:44
	2-3km NNE	Heard	4	Explosion	Outgoing	N/K	15-Nov, 10:38
About 700m WSW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	5-7km NNW	Heard	2	Explosion	Undetermined	N/K	15-Nov, 11:25
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	5-7km NNW	Heard	3	Explosion	Undetermined	N/K	15-Nov, 13:00
	5-7km NNW	Heard	1	Burst		HMG	15-Nov, 13:00
	5-7km NNW	Heard	4	Explosion	Undetermined	N/K	15-Nov, 13:22
	5-7km NNW	Heard	3	Burst		HMG	15-Nov, 13:28
Holmivskiyi (non-government-controlled, 49km NE of Donetsk)	4-6km NW	Heard	1	Explosion	Undetermined	N/K	15-Nov, 10:39
	4-6km NW	Heard	1	Explosion	Undetermined	N/K	15-Nov, 10:55
	4-6km NW	Heard	1	Explosion	Undetermined	N/K	15-Nov, 11:17
About 2km NNE of entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	8-10km NE	Heard	2	Explosion	Undetermined	N/K	15-Nov, 12:13-12:16
	1-2km NW	Heard	4	Burst		Small arms	15-Nov, 12:39
	1-2km NW	Heard	1	Shot		Small arms	15-Nov, 12:55
About 2.5km NNE of Novotroitske (government-controlled, 36km SW of Donetsk)	3-4km W	Heard	6	Explosion	Undetermined	N/K	15-Nov, 12:25-12:27
	3-4km W	Heard	6	Burst		HMG	15-Nov, 12:25-12:27
About 1 km SSW of Lebedynske (government-controlled, 99km S of Donetsk)	2-3km NE	Heard and saw	1	Explosion	Impact	Mortar (type N/K)	15-Nov, 12:45
About 600m N of Chernenko (government-controlled, 86km S of Donetsk)	2-3km N	Heard	12	Shot		Small arms	15-Nov, 12:45-13:09
	6-8km SW	Heard	1	Explosion	Undetermined	N/K	15-Nov, 12:45-13:09
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km ESE	Recorded	3	Projectile	SW to NE (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 21:00
	4-6km ESE	Recorded	4	Projectile	W to E (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 21:00
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 20:06
	2-4km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 20:57
Kadiivka (formerly Stakhanov, non-government-controlled, 50 km W of Luhansk)	10-12km NNW	Heard	5	Burst	Undetermined (assessed as outside the disengagement area near Zolote)	HMG	14-Nov, 18:30-18:31
	10-12km NW	Heard	3	Explosion	Outgoing (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 18:30-18:37
	6-8km SW	Heard	3	Explosion	Impact	N/K	14-Nov, 18:30-18:37
	12-15km NW	Heard	6	Explosion	Undetermined (unable to assess if inside or outside the disengagement area near Zolote)	N/K	14-Nov, 18:37-19:02
	8-10km N	Heard	5	Burst	Undetermined	HMG	14-Nov, 18:37-19:02
	14-16km N	Heard	3	Explosion	Undetermined	N/K	14-Nov, 18:37-19:37
	12-14km SW	Heard	5	Explosion	Undetermined	N/K	14-Nov, 19:56-20:21
	14-16km NNW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 19:56-20:21
	12-14km NW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 19:56-20:21
	14-16km N	Heard	2	Explosion	Undetermined	N/K	14-Nov, 19:56-20:21
	12-14km W	Heard	14	Explosion	Undetermined	N/K	14-Nov, 19:56-20:21
	12-15km WSW	Heard	9	Explosion	Undetermined	N/K	14-Nov, 19:56-20:21
	12-14km W	Heard	16	Explosion	Undetermined	N/K	14-Nov, 20:21-20:53
	12-15km WSW	Heard	39	Explosion	Undetermined	N/K	14-Nov, 20:21-20:53
	12-14km NW	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 20:21-20:53
	8-10km WSW	Heard	10	Burst	Undetermined	HMG	14-Nov, 20:21-20:53
	12-15km WSW	Heard	6	Explosion	Undetermined	N/K	14-Nov, 20:55-21:25
8-10km WSW	Heard	103	Burst	Undetermined	N/K	14-Nov, 20:55-21:25	
14-16km N	Heard	6	Explosion	Undetermined	N/K	14-Nov, 20:55-21:25	
12-14km NW	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 20:55-21:25	

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	8-10km NW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 21:26-21:42
	8-10km WSW	Heard	75	Burst	Undetermined	HMG	14-Nov, 21:26-21:42
N edge of Popasna (government-controlled, 69km W of Luhansk)	5-7km SE	Heard	19	Explosion	Undetermined	N/K	14-Nov, 20:16-21:10
	5-7km SE	Heard	6	Burst		HMG	14-Nov, 20:16-21:10
	5-7km SE	Heard	4	Burst		Small arms	14-Nov, 20:16-21:10
	4-7km E	Heard	55	Burst	Undetermined (assessed as outside the disengagement area near Zolote)	HMG	15-Nov, 11:30-11:50
N edge of Hannivka (non-government-controlled, 58km west of Luhansk)	2-4km WNW	Heard	1	Explosion	Undetermined	N/K	15-Nov, 10:54
Pervomaisk (non-government-controlled, 58km W of Luhansk)	6-8km NE	Heard	216	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	15-Nov, 11:31-11:45
Zolote-3/Stakhanovets (government-controlled, 61km W of Luhansk)	3-6km E	Heard	7	Burst	Undetermined (assessed as outside the disengagement area near Zolote)	HMG	15-Nov, 11:33-11:48
	3-6km E	Heard	8	Shot	Undetermined (assessed as outside the disengagement area near Zolote)	HMG	15-Nov, 11:33-11:48
	3-6km E	Heard	2	Burst	Undetermined (assessed as outside the disengagement area near Zolote)	Small arms	15-Nov, 11:33-11:48
NE edge of Lomuvatka (non-government-controlled, 57km west of Luhansk)	10-12km N	Heard	16	Explosion	Undetermined	N/K	15-Nov, 11:40-11:57
	3-5km NW	Heard	2	Burst	Undetermined	Small arms	15-Nov, 11:40-11:57
	10-12km N	Heard	1	Explosion	Undetermined	N/K	15-Nov, 12:02
N edge of Stare (formerly Chervonyi Prapor, non-government-controlled, 58km west of Luhansk)	10-12km WSW	Heard	2	Explosion	Undetermined	N/K	15-Nov, 12:44-12:53
	4-6km N	Heard	7	Shot	Undetermined	Small arms	15-Nov, 12:44-12:53