SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera 1.5km NE of Hnutove	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	29-Nov, 20:58
(government-controlled, 90km S of Donetsk)	4-6km SE	Recorded	1	Explosion	Undetermined	N/K	29-Nov, 22:23
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 90km S of Donetsk)	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	29-Nov, 22:31
SMM camera in Hranitne (government- controlled, 60km S of Donetsk)	1-3km E	Recorded	1	Projectile	WSW to ENE	N/K	29-Nov, 20:32
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km ESE	Recorded	1	Explosion	Undetermined	N/K	29-Nov, 20:15
	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	29-Nov, 21:20
	1-3km E	Recorded	1	Projectile	NW to SE	N/K	29-Nov, 23:36
	1-3km ENE	Recorded	7	Projectile	NW to SE	N/K	30-Nov, 00:00
	1-3km E	Recorded	1	Explosion	Undetermined	N/K	30-Nov, 00:00
	2-4km E	Recorded	10	Projectile	W to E	N/K	30-Nov, 00:43
	1-3km E	Recorded	1	Projectile	N to S	N/K	30-Nov, 00:44
	1-3km E	Recorded	2	Projectile	SW to NE	N/K	30-Nov, 01:22
	1-3km E	Recorded	15	Projectile	NW to SE	N/K	30-Nov, 06:08
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	29-Nov, 20:56
	3-5km N	Recorded	3	Projectile	W to E	N/K	29-Nov, 21:04
	3-5km N	Recorded	6	Projectile	W to E	N/K	29-Nov, 21:05
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	29-Nov, 23:16
	3-5km N	Recorded	5	Projectile	W to E	N/K	29-Nov, 23:32
SMM camera in Svitlodarsk (government- controlled, 57km NE of Donetsk)	4-6km WSW	Recorded	1	Projectile	ESE to WNW	N/K	29-Nov, 23:07
	4-6km WSW	Recorded	1	Explosion	Undetermined	N/K	29-Nov, 23:14
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-8km WSW	Heard	5	Explosion	Undetermined	N/K	29-Nov, 21:30-21:34
	5-8km WSW	Heard	2	Burst		HMG	29-Nov, 21:30-21:34
	5-8km W	Heard	4	Explosion	Undetermined	N/K	29-Nov, 22:12-22:16
	5-8km W	Heard	7	Burst		HMG	29-Nov, 22:12-22:16
	5-8km W	Heard	4	Burst		HMG	29-Nov, 22:12-22:16
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	1-2km E	Heard	1	Explosion	Undetermined	N/K	30-Nov, 12:46
Vasylivka (non-government-controlled, 20km N of Donetsk)	2-3km S	Heard	7	Burst		Small arms	30-Nov, 12:32-12:35
	2-3km S	Heard	10	Burst		HMG	30-Nov, 12:32-12:35
	2-3km S	Heard	1	Explosion	Undetermined	N/K	30-Nov, 12:44
About 2.5km NNW of Starohnativka (government-controlled, 51km S of Donetsk)	1km E	Heard	30	Shot		Small arms	30-Nov, 13:15-13:25
About 1km N of Zaichenko (non- government-controlled, 93km S of Donetsk)	2-3km W	Heard	14	Shot		Small arms	30-Nov, 11:50-12:05
Hranitne (government-controlled, 60km S of Donetsk)	2-4km W	Heard	116	Shot		Small arms	30-Nov, 11:25-11:45
About 1.5km SE of Lomakyne	1km W	Heard	1	Explosion	Undetermined	N/K	30-Nov, 11:27
(government-controlled, 93km S of Donetsk)	1km W	Heard	1	Explosion	Undetermined	N/K	30-Nov, 11:41
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km ESE	Recorded	4	Projectile	SSW to NNE (assessed as outside the disengagement area near Zolote)	N/K	30-Nov, 03:31
	3-5km SE	Recorded	2	Projectile	SW to NE (assessed as outside the disengagement area near Zolote)	N/K	30-Nov, 04:28

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.