

Table of ceasefire violations as of 28 November 2019⁸

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	3	Projectile	SW to NE	N/K	27-Nov, 19:39
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	27-Nov, 19:40
	2-4km SE	Recorded	8	Projectile	WSW to ENE	N/K	27-Nov, 21:31
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SSW	Recorded	5	Projectile	NW to SE	N/K	27-Nov, 20:25
	1-3km SSW	Recorded	1	Projectile	NNE to SSW	N/K	27-Nov, 21:31
	1-3km SSW	Recorded	3	Muzzle flash		N/K	27-Nov, 21:31
	1-3km S	Recorded	2	Muzzle flash		N/K	27-Nov, 22:16
	1-3km SSW	Recorded	2	Projectile	ENE to WSW	N/K	28-Nov, 00:11
	1-3km SSW	Recorded	1	Projectile	NE to SW	N/K	28-Nov, 00:12
	1-3km SSW	Recorded	2	Projectile	NE to SW	N/K	28-Nov, 00:50
	1-3km SSW	Recorded	3	Projectile	NE to SW	N/K	28-Nov, 01:12
	1-3km SSW	Recorded	3	Projectile	NE to SW	N/K	28-Nov, 01:13
	1-3km SSW	Recorded	2	Projectile	NE to SW	N/K	28-Nov, 01:27
	1-3km SSW	Recorded	2	Projectile	NE to SW	N/K	28-Nov, 01:28
	1-3km SSW	Recorded	2	Projectile	NE to SW	N/K	28-Nov, 01:29
	1-3km SSW	Recorded	1	Projectile	NE to SW	N/K	28-Nov, 04:55
	1-3km SSW	Recorded	1	Projectile	NE to SW	N/K	28-Nov, 05:05
	1-3km SSW	Recorded	1	Projectile	NE to SW	N/K	28-Nov, 05:14
	1-3km SSW	Recorded	10	Projectile	NE to SW	N/K	28-Nov, 05:16
	1-3km SSW	Recorded	1	Projectile	NE to SW	N/K	28-Nov, 05:18
	1-3km SSW	Recorded	1	Projectile	NE to SW	N/K	28-Nov, 05:40
0.8-1km S	Recorded	1	Explosion	Undetermined	N/K	28-Nov, 18:14	
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km E	Recorded	20	Projectile	N to S	N/K	28-Nov, 18:21
	3-5km E	Recorded	2	Projectile	SW to NE	N/K	28-Nov, 18:21
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km NNE	Recorded	2	Projectile	ESE to WNW	N/K	27-Nov, 18:21
	4-6km NNE	Recorded	1	Projectile	W to E	N/K	27-Nov, 18:22
	4-6km N	Recorded	1	Projectile	W to E	N/K	27-Nov, 18:28
	4-6km N	Recorded	3	Projectile	ESE to WNW	N/K	27-Nov, 18:41
	4-6km N	Recorded	4	Projectile	E to W	N/K	27-Nov, 18:42
	4-6km N	Recorded	3	Projectile	E to W	N/K	27-Nov, 18:43
	4-6km N	Recorded	5	Projectile	E to W	N/K	27-Nov, 18:44
	4-6km NNE	Recorded	3	Projectile	W to E	N/K	27-Nov, 18:44
	4-6km N	Recorded	4	Projectile	SE to NW	N/K	27-Nov, 18:45
	4-6km NNE	Recorded	1	Projectile	ESE to WNW	N/K	27-Nov, 18:57
	4-6km N	Recorded	1	Projectile	E to W	N/K	27-Nov, 18:58
	4-6km N	Recorded	2	Projectile	SE to NW	N/K	27-Nov, 18:58
	4-6km N	Recorded	3	Projectile	W to E	N/K	27-Nov, 18:59
	4-6km NNE	Recorded	2	Projectile	WSW to ENE	N/K	27-Nov, 19:24
	4-6km N	Recorded	1	Muzzle flash		N/K	27-Nov, 19:33
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km S	Heard	1	Explosion	Outgoing	Mortar (type N/K)	28-Nov, 09:45
	1-2km S	Heard	1	Explosion	Undetermined	N/K	28-Nov, 09:57
	1-2km S	Heard	1	Explosion	Undetermined	N/K	28-Nov, 09:58

⁸ 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. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

	1-2km S	Heard	5	Shot		Small arms	28-Nov, 10:30
	1-2km S	Heard	5	Burst		HMG	28-Nov, 13:30
E part of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	1	Burst		Small arms	28-Nov, 11:35
Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	1-3km W	Heard	3	Shot		Small arms	28-Nov, 09:29
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km WSW	Heard	3	Burst		Small arms	28-Nov, 10:42
	2km WSW	Heard	1	Shot		Small arms	28-Nov, 10:42
	2km SW	Heard	4	Shot		Small arms	28-Nov, 12:09
	2km SW	Heard	2	Burst		Small arms	28-Nov, 12:27
	2km SW	Heard	6	Shot		Small arms	28-Nov, 12:40
	2km SW	Heard	3	Burst		Small arms	28-Nov, 12:40
	2km SW	Heard	9	Shot		Small arms	28-Nov, 13:05
	2-3km SW	Heard	4	Shot		Small arms	28-Nov, 13:20
	2-3km SW	Heard	3	Burst		Small arms	28-Nov, 13:27
	2-3km SW	Heard	4	Shot		Small arms	28-Nov, 13:29
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	28-Nov, 13:32
	3-4km SW	Heard	3	Shot		Small arms	28-Nov, 13:35
	2-3km SW	Heard	1	Shot		Small arms	28-Nov, 13:46
	2km SW of Pyshevyk (government-controlled, 84km S of Donetsk)	2km ESE	Heard	1	Shot		Small arms
2-3km ESE		Heard	1	Burst		HMG	28-Nov, 10:54
2-3km ESE	Heard	1	Burst		HMG	28-Nov, 10:57	
About 1km NW of Pavlopil (government-controlled, 84km S of Donetsk)	2-3km ESE	Heard	2	Burst		Small arms	28-Nov, 13:24
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km W	Heard	10	Burst		HMG	27-Nov, 20:53-20:56
	4-6km W	Heard	8	Burst		HMG	27-Nov, 21:03-21:06
	4-6km W	Heard	40	Burst		HMG	27-Nov, 21:16-21:20
	4-6km W	Heard	3	Burst		HMG	27-Nov, 21:33-21:34
	4-6km W	Heard	5	Burst		HMG	27-Nov, 21:39
	4-6km W	Heard	20	Burst		HMG	27-Nov, 21:52-21:57
	4-6km W	Heard	1	Explosion	Undetermined	N/K	27-Nov, 22:10
	4-6km W	Heard	9	Shot		Small arms	27-Nov, 22:29
	4-6km W	Heard	3	Burst		Cannon (30mm)	27-Nov, 22:31
	4-6km W	Heard	1	Explosion	Undetermined	N/K	27-Nov, 22:45
	4-6km W	Heard	2	Explosion	Undetermined	Artillery (type N/K)	27-Nov, 23:09
	4-6km W	Heard	15	Burst		HMG	27-Nov, 23:09-23:11
	5-6km W	Heard	3	Explosion	Possibly outgoing	MLRS (BM-21 Grad, 122mm)	27-Nov, 23:13
	4-6km W	Heard	6	Shots and bursts		HMG	27-Nov, 23:17-23:18
	4-6km W	Heard	30	Burst		HMG	27-Nov, 23:23-23:30
	8-10km W	Heard	6	Explosion	Undetermined	Artillery (type N/K)	27-Nov, 23:32-23:34

	4-6km W	Heard	14	Burst		HMG	27-Nov, 23:32-23:36
	5-6km W	Heard	21	Shots and bursts		HMG	27-Nov, 23:41-23:42
	6-8km W	Heard	3	Explosion	Undetermined	Artillery (type N/K)	27-Nov, 23:55
	4-6km W	Heard	15	Shots and bursts		Small arms	27-Nov, 23:55-23:56
	4-5km NE	Heard	1	Explosion	Undetermined	N/K	28-Nov, 12:30
	4-5km NE	Heard	1	Explosion	Undetermined	N/K	28-Nov, 13:10
Kodema (government-controlled, 57km NE of Donetsk)	2-3km SW	Heard	7	Burst		HMG	28-Nov, 12:34-12:35
	2-3km SW	Heard	5	Shot		Small arms	28-Nov, 12:34-12:35
	2-3km SW	Heard	5	Explosion	Undetermined	N/K	28-Nov, 12:34-12:35
N edge of Popasna (government-controlled, 69km W of Luhansk)	5-7km SE	Heard	3	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	27-Nov, 18:50
	4-5km ESE	Heard	11	Burst	Assessed as outside the Zolote disengagement area	Small arms	27-Nov, 23:14
	4-5km ESE	Heard	3	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	28-Nov, 00:24
	4-5km ESE	Heard	5	Burst	Assessed as outside the Zolote disengagement area	Small arms	28-Nov, 00:25-00:29