

Table of ceasefire violations as of 23 November 2016¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Svitlodarsk (government-controlled, 57km NE of Donetsk)	1.5-3 km SSE	Heard 158 bursts	HMG	22 November, 18:30-23:30
		Heard 168 bursts	AGL	
		Heard 66 bursts	IFV BMP-2 (cannon, 30mm) or (ZU-23-2, 23mm)	
		Heard 97 explosions (outgoing)	Recoilless gun (SPG-9, 73mm), IFV (BMP-1) cannon (73mm)	
	4 km SSE	Heard 13 explosions (impacts)	Mortar (120mm)	
		Heard 15 explosions (outgoing)	Tank (125mm)	
Park Inn Hotel (“DPR”-controlled, Donetsk city)	5-8km W	Heard 1 undetermined explosion	N/K	22 November, 19:04
	8-10km NW	Heard 1 undetermined explosion		22 November, 19:54
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6 km ESE	Recorded 6 undetermined projectiles in flight from NE to SW	N/K	22 November, 19:08
		Recorded 2 undetermined projectiles in upward flight		22 November, 19:09
		Recorded 6 undetermined projectiles in flight from NE to SW		22 November, 19:10
		Recorded 3 undetermined projectiles in flight from NE to SW		22 November, 19:24
		Recorded 1 illumination flare moving from ESE to WNW		22 November, 20:04
	4-6 km SE	Recorded 1 undetermined projectile in flight from NE to SW		22 November, 20:12
		Recorded 1 undetermined explosion		22 November, 20:12
		Recorded 1 undetermined projectile in flight from SW to NE		22 November, 20:43
		Recorded 18 undetermined projectiles in flight from SW to NE		22 November, 20:49
		Recorded 1 illumination flare in flight from NE to SW		22 November, 21:20
	4-6 km ESE	Recorded 2 undetermined projectiles in flight from SW to NE		22 November, 21:36
	4-6 km SE	Recorded 2 undetermined projectiles in flight from SW to NE		22 November, 21:36
		Recorded 1 undetermined projectile in flight from NE to SW		22 November, 21:38
		Recorded 2 undetermined projectiles in flight from SW to NE		22 November, 22:34
	4-6 km ESE	Recorded 10 undetermined projectiles in flight from SW to NE		22 November, 22:52
	4-6km SE	Recorded 1 illumination flare moving from SW to NE		22 November, 22:53
		Recorded 6 undetermined projectiles in flight from NE to SW		22 November, 22:55
		Recorded 6 undetermined projectiles in flight from NE to SW		22 November, 22:55
		Recorded 10 undetermined projectiles in flight from SW to NE		22 November, 23:02
		Recorded 1 illumination flare		

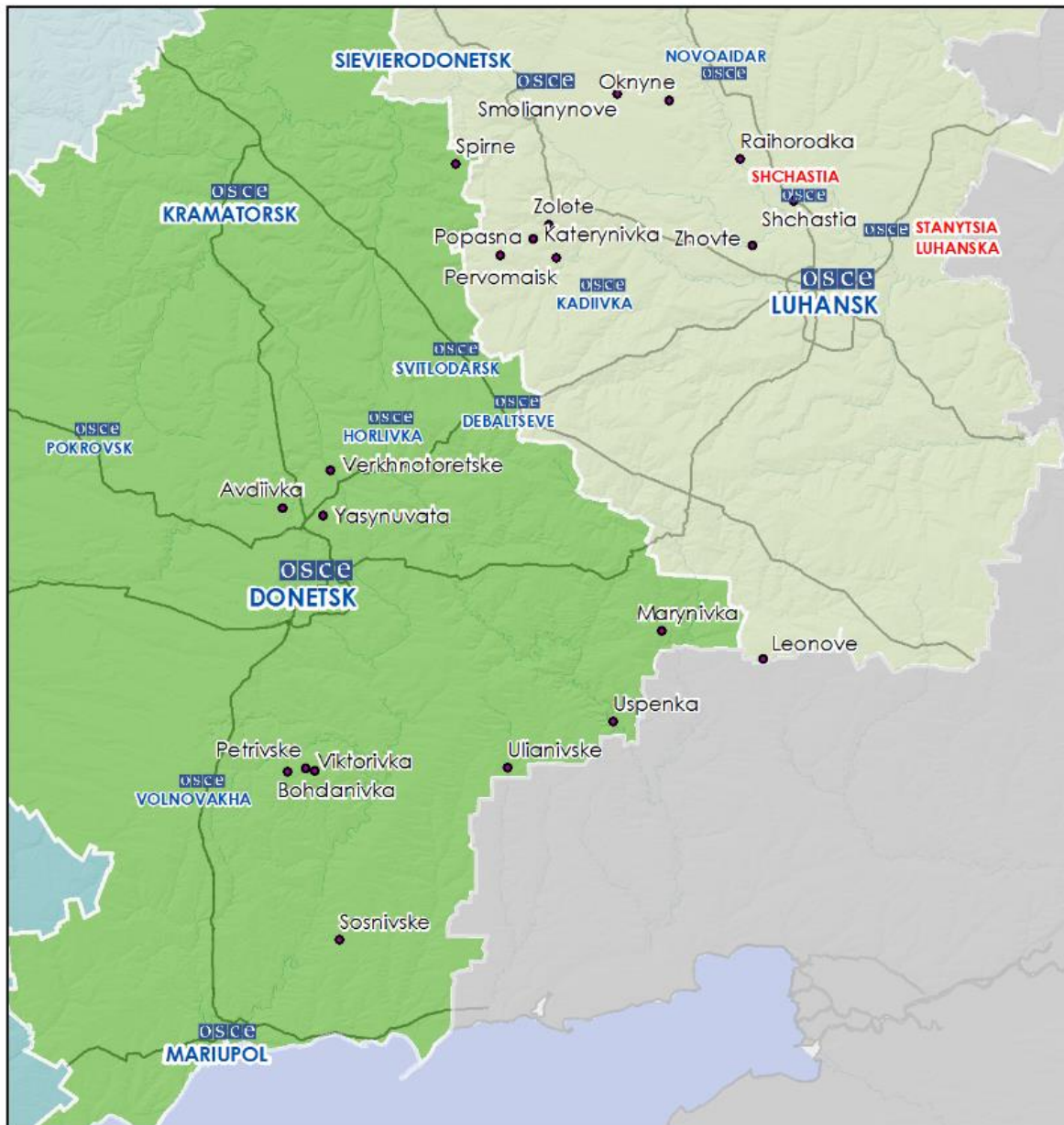
¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, 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.

		moving from SW to NE		
		Recorded 9 undetermined projectiles in flight from NE to SW		22 November, 23:11
		Recorded 14 undetermined projectiles in flight from NE to SW		22 November, 23:12
		Recorded 1 undetermined projectile in flight from SW to NE		22 November, 23:13
		Recorded 8 undetermined projectiles in flight from SW to NE		22 November, 23:15
		Recorded 8 undetermined projectiles in flight from NE to SW		22 November, 23:17
		Recorded 3 undetermined projectiles in flight from NE to SW		22 November, 23:20
		Recorded 1 undetermined projectile in flight from SW to NE		22 November, 23:24
		Recorded 3 undetermined projectiles in flight from NE to SW		23 November, 00:18
		Recorded 3 undetermined projectiles in flight from NE to SW		23 November, 00:58
		Recorded 1 illumination flare moving from NE to SW		23 November, 00:59
		Recorded 2 undetermined projectiles in flight from SW to NE		23 November, 02:34
		Recorded 1 undetermined projectile in flight from NE to SW		23 November, 03:28
		Recorded 4 undetermined projectiles in flight from NE to SW		23 November, 03:43
		Recorded 4 undetermined projectiles in flight from NE to SW		23 November, 03:45
		Recorded 7 undetermined projectiles in flight from NE to SW		23 November, 03:55
		Recorded 3 undetermined projectiles in flight from NE to SW		23 November, 04:12
		Recorded 2 undetermined projectiles in flight from NE to SW		23 November, 05:33
		Recorded 3 undetermined projectiles in flight from NE to SW		23 November, 05:39
		4-5km SE		N/K
	Recorded 1 undetermined explosion		23 November, 16:29	
	Recorded 3 undetermined explosions		23 November, 16:31	
	Recorded 4 illuminated flares		23 November, 16:32	
	MLRS (BM-21 Grad, 122mm)		Recorded 24 rockets in flight (outgoing) from SW to NE	23 November, 16:42
			Recorded 6 rockets in flight (outgoing) from SW to NE	23 November, 16:48
			Recorded 1 rocket in flight (outgoing) from SW to NE	23 November, 16:50
	N/K		Recorded 1 undetermined explosion	23 November, 16:52
			Recorded 2 undetermined explosions	23 November, 16:55
Recorded 1 undetermined explosion			23 November, 17:05	
SMM camera at Oktiabr mine (9km NW of Donetsk city)	7-8 km NE	Recorded 1 illumination flare moving from NE to SW	22 November, 19:58	
	3-6 km NE	Recorded 1 burst of tracer fire from NW to SE	22 November, 21:23	
	7-8 km NE	Recorded 1 illumination flare moving from SE to NE	22 November, 19:58	
		Recorded 1 illumination flare moving from SE to NE	23 November, 02:11	
	8-10km NE	Recorded 8 undetermined projectiles	N/K	23 November, 17:01

		in flight from W to E Recorded 1 undetermined projectile in flight from W to E		23 November, 17:20
	1.5-2.5km SE	Heard 36 bursts	HMG	23 November, 13:50-18:00
	3km SE	Heard 6 explosions (impact)	Mortar (120mm)	
	2km SE	Heard 27 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	
	2.5-3km SE	Heard 31 explosions (outgoing)	Tank (N/K calibre)	
	1.5-2km SE	Heard 18 bursts	AGL	
		Heard 24 bursts	IFV BMP-2 (cannon, 30mm) or (ZU-23-2, 23mm)	
Kramatorsk (government-controlled, 83km N of Donetsk)	2-3km E (assessed as live-fire exercise, outside the security zone)	Heard uncountable overlapping bursts and shots	Small arms	23 November, 09:18-09:20
		Heard uncountable overlapping bursts and shots		23 November, 10:10-10:12
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	6-8km WSW	Heard 1 undetermined explosion	N/K	23 November, 09:50
	5-8km W	Heard 1 undetermined explosion		23 November, 10:07
	7-8km W	Heard 4 undetermined explosions		23 November, 10:28
	3-5km S	Heard 1 burst	HMG	23 November, 11:39
	2-3km W	Heard 2 bursts	Small arms	23 November, 13:44
	5-6km W	Heard 1 undetermined explosion	N/K	23 November, 13:45
	5-6km WSW	Heard 3 undetermined explosions		23 November, 14:03
Avdiivka (government-controlled, 17km N of Donetsk)	3-5km SSE	Heard 1 explosion (outgoing)	N/K	23 November, 09:52
		Heard 1 undetermined explosion		23 November, 10:07
		Heard 1 explosion (outgoing)		23 November, 10:18
	3-5km S	Heard 2 explosions (outgoing)		23 November, 10:28
	1-2km SSE	Heard 4 shots	Small arms	23 November, 10:32
	1-3km SSE	Heard 15 bursts	HMG	23 November, 10:45-10:50
	3-5km SSE	Heard 1 explosion (outgoing)	N/K	23 November, 10:47
		Heard 1 explosion (outgoing)		23 November, 10:53
		Heard 1 explosion (impact)	Mortar (82mm)	23 November, 11:26
		Heard 1 explosion (impact)		23 November, 11:30
		Heard 13 explosions (outgoing)	N/K	23 November, 11:40-11:55
2-4km SSE	Heard 5 bursts	HMG	23 November, 13:40	
Hurty ("DPR"-controlled, 48km NE of Donetsk)	N/K	Heard 1 undetermined explosion	N/K	23 November, 09:58
3km SE of Volnovakha (government-controlled, 53km S of Donetsk)	N/K, SSE	Heard 65 undetermined explosions	N/K	23 November, 10:20-12:20
Bohdanivka (government-controlled, 41km SW of Donetsk)	N/K, SE	Heard 1 undetermined explosion	N/K	23 November, 10:20-10:30
	N/K, S	Heard 1 undetermined explosion		23 November, 11:10
		Heard 17 undetermined explosions		23 November, 12:24-12:49
	N/K, SE	Heard 1 undetermined explosion		23 November, 14:28
Petrivske ("DPR"-controlled, 41km S of Donetsk)	10-15km SW	Heard 2 undetermined explosions	N/K	23 November, 11:36-11:38

Khreshchatytske (formerly Krasnoarmiiske, "DPR"-controlled, 33km NE of Mariupol)	N/K, SE	Heard 3 undetermined explosion	N/K	23 November, 11:07-11:15
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol)	N/K, SE	Heard 10 shots	N/K	23 November, 11:20
Marinka (government-controlled, 23km SW of Donetsk)	2-3km E	Heard 26 bursts (3-4 shots)	HMG	23 November, 12:55-13:00
		Heard 1 undetermined explosion	N/K	
		Heard 7 shots	Small arms	
Sopyne (government-controlled, 16km E of Mariupol)	N/K NE	Heard 6 bursts	Small arms	23 November, 12:58-13:10
	N/K E	Heard 2 undetermined explosions	N/K	
Pervomaisk ("LPR"-controlled, 58km W of Luhansk)	3km NW	Heard 1 undetermined explosion	N/K	23 November, 08:32
	10km NE	Heard 30 undetermined explosions	N/K	23 November, 11:15-11:20
	10km SW (outside disengagement area)	Heard 25 undetermined explosions	N/K	23 November, 12:37-14:13
Novotoshkivske (government-controlled, 53km west of Luhansk)	3-5km E	Heard 1 undetermined explosion	N/K	23 November, 10:04
Veselohorivka ("LPR"-controlled, 65km W of Luhansk)	5km S	Heard 1 undetermined explosion	N/K	23 November, 10:35
Troitske (government-controlled, 70km W of Luhansk)	5-8km SE	Heard 1 undetermined explosion	N/K	23 November, 11:33
2km W of Malokostiantynivka ("LPR"-controlled, 33km SW of Luhansk)	1km SE	Heard 2 bursts (5 shots each)	SA	23 November, 14:10

Map of Donetsk and Luhansk regions²



² The SMM is actively deployed to ten locations throughout Ukraine, Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv, as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: forward patrol bases from which SMM staff has temporarily relocated since 27 September based on recommendations of security experts from participating States.)