

Table of ceasefire violations as of 15 December 2016¹

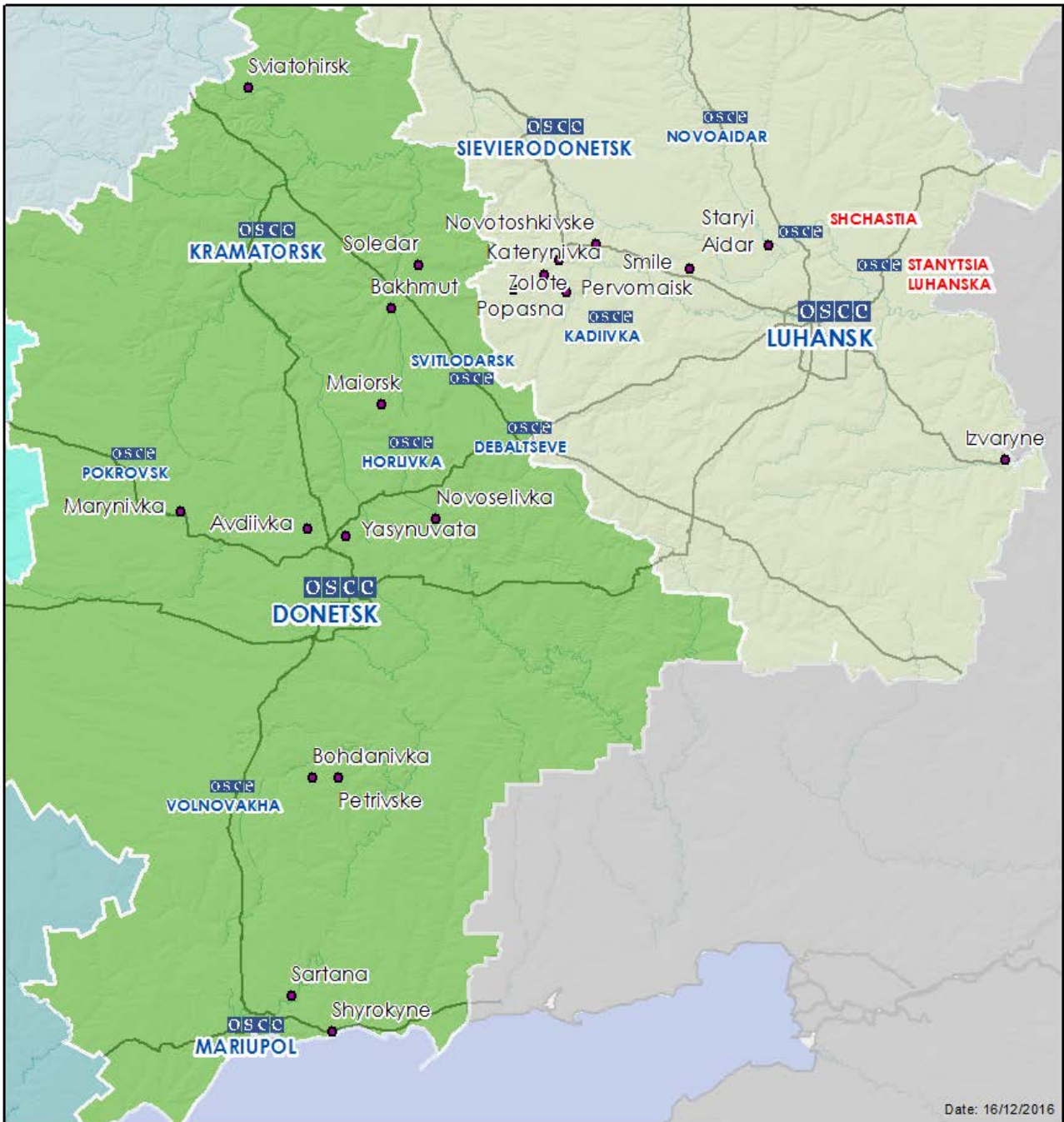
SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera at Oktiabr mine (9km NW of Donetsk city centre)	7-10km NNE	Recorded 1 undetermined explosion	N/K	14 December, 18:41
	7-10km NE	Recorded 2 undetermined explosions		14 December, 18:54
		Recorded 2 indirect, rocket-assisted projectiles in flight from NE to SW		14 December, 19:56
		Recorded 1 indirect, rocket-assisted projectile in flight from NE to SW		14 December, 19:57
		Recorded 1 indirect, rocket-assisted projectile in flight from NE to SW		14 December, 20:42
		Recorded 1 illumination flare		14 December, 21:54
	3-6km NW	Recorded 1 airburst		15 December, 12:46
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km ESE	Recorded 1 undetermined explosion	N/K	14 December, 19:17
		Recorded 1 undetermined explosion		14 December, 19:21
		Recorded 1 illumination flare		14 December, 19:26
		Recorded 1 undetermined explosion		14 December, 19:35
		Recorded 1 airburst		14 December, 19:39
		Recorded 1 illumination flare		14 December, 20:16
		Recorded 1 illumination flare		14 December, 20:52
		Recorded 1 illumination flare		14 December, 23:20
	4-6km ESE	Recorded 7 undetermined explosions		15 December, 16:11-16:14
	3-4km ESE	Recorded 10 rocket-assisted projectiles in flight from W to E		15 December, 16:19-16:26
4-6km ESE	Recorded 1 undetermined explosion	15 December, 16:23		
3-4km ESE	Recorded 5 rocket-assisted projectiles in flight from N to S	15 December, 17:11-17:14		
Park Inn Hotel ("DPR"-controlled, Donetsk)	7-10km WNW	Heard 3 undetermined explosions	N/K	14 December, 19:28
		Heard 3 undetermined explosions		14 December, 19:39
		Heard 1 undetermined explosion		14 December, 20:41
		Heard 2 undetermined explosions		14 December, 20:43
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km SSE	Heard 20 bursts	HMG	14 December, 19:30
	6-7km SSW	Heard 15 single shots	Small arms	14 December, 19:35
	8-10km SW	Heard 9 undetermined explosions	N/K	14 December, 19:39-19:57
	4-5km SSE	Heard 3 undetermined explosions	N/K	14 December, 19:40
	8-10km SW	Heard 10 explosions (impacts)	Artillery (122mm)	14 December, 19:46
	4-5km SW	Heard 10 single shots	IFV (BMP-2) cannon (30mm)	14 December, 19:50-19:55
	4-5km S	Heard 5 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	14 December, 20:00
	4-5km SE	Heard 20 bursts	Small arms	14 December, 20:05
	5-6km SW	Heard 30 single shots	HMG	14 December, 21:09-21:20
	8-10km SW	Heard 5 explosions (impacts)	Artillery (122mm)	14 December, 21:25
	5-6km SE	Heard 30 single shots	HMG	14 December, 21:30-21:34
	4-6km SSW	Heard 10 single shots	Small arms	14 December, 21:50
	4-5km S	Heard 5 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	14 December, 22:10
	3-4km S	Heard 10 single shots	Small arms	15 December, 04:00-04:30
	5-6km SE	Heard 1 undetermined explosion	N/K	15 December, 15:30
Heard 1 undetermined explosion		15 December, 16:30		

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.

	3-4km S	Heard 10 bursts	Small arms	15 December, 17:15-17:20
		Heard 20 bursts		15 December, 17:27-18:00
Horlivka ("DPR"-controlled, 39km N of Donetsk)	4-6km W	Heard 23 bursts	HMG	14 December, 20:00-20:20
		Heard 4 bursts	Anti-aircraft gun ZU-23 (23mm)	
	5-7km W	Heard 57 undetermined explosions	N/K	14 December, 21:00-22:00
	5km W	Heard 30 bursts	HMG	
SMM camera in Shyrokyne (20km E of Mariupol)	N/K NE	Recorded 1 undetermined explosion	N/K	14 December, 20:06-20:11
		Recorded 2 illumination flares		
		Recorded 2 rocket-assisted projectiles in flight from SW to NE		
	N/K NE	Recorded 15 bursts of tracer fire in flight from NW to SE	Small arms	14 December, 20:29
		Recorded 4 bursts of tracer fire in flight from SE to NW		14 December, 20:38
		Recorded 8 bursts of tracer fire in flight from E to W		14 December, 20:57
	N/K NNE	Recorded 9 bursts of tracer fire in flight from W to E	N/K	14 December, 21:53
		Recorded 3 indirect tracer rounds in flight from E to W		14 December, 22:32
		Recorded 27 bursts of tracer fire in flight from W to E		14 December, 22:44
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	2-3km S	Heard 20 bursts	Small arms	15 December, 08:45-08:55
	2-3km NNW	Heard 1 burst		15 December, 09:09
	4-5km WSW	Heard 40 single shots	N/K	15 December, 09:33
		Heard 1 undetermined explosion		
	2-3km WSW	Heard 10 single shots	Small arms	15 December, 09:35
		Heard 1 undetermined explosion		
	3-5km NW	Heard 12 undetermined explosions	N/K	15 December, 10:48-11:10
		Heard 15 undetermined explosions		15 December, 11:15-11:44
		Heard overlapping bursts	Small arms	15 December, 12:35
		Heard 79 undetermined explosions	N/K	15 December, 12:16-12:45
		Heard 17 undetermined explosions		
	3-5km WNW	Heard 1 burst	Small arms	15 December, 12:46-12:54
		Heard 8 single shots	HMG	
		Heard 6 undetermined explosions	Small arms	
		Heard 15 bursts	N/K	
1-3km NW	Heard 20 bursts	Small arms	15 December, 13:41	
3km NW	Heard 4 single shots		15 December, 13:50	
3-5km NW	Heard 6 undetermined explosions	N/K	15 December, 13:52	
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	3-5km NW	Heard 1 undetermined explosion	N/K	15 December, 08:55
	2-3km W	Heard 3 bursts	Small arms	15 December, 09:08
	2-3km WNW	Heard 5 bursts		15 December, 09:23
	6-7km NW	Heard 1 undetermined explosion	N/K	15 December, 10:44
	3-5km NW	Heard 5 undetermined explosions		15 December, 11:43-11:49
	2-4km W	Heard 1 undetermined explosion		15 December, 11:54
	3-5km W	Heard 1 undetermined explosion		15 December, 12:02
	7-8km WNW	Heard 16 undetermined explosions		15 December, 12:18-12:26
	5-7km WNW	Heard 1 undetermined explosion	HMG	15 December, 13:18
		Heard 5 bursts		15 December, 13:40
	3-5km WNW	Heard 2 single shots	Small arms	15 December, 13:45
Heard overlapping bursts		HMG	15 December, 13:48	

	3-5km NW	Heard 1 undetermined explosion	N/K	15 December, 13:50
	3-5km NNW	Heard 1 undetermined explosion		Small arms
		Heard overlapping bursts and shots		
3-5km NW	Heard overlapping bursts	HMG	15 December, 13:55-14:00	
Avdiivka (government-controlled, 17km N of Donetsk)	2-3km S	Heard 7 bursts	HMG	15 December, 09:35-09:45
		Heard 8 single shots		
	2-3km NW	Heard 6 undetermined explosions	N/K	15 December, 11:00-11:15
		Heard 4 undetermined explosions		15 December, 11:15-11:30
		Heard 1 undetermined explosion		15 December, 11:37
		Heard 1 undetermined explosion		15 December, 11:40
		Heard 1 undetermined explosion		15 December, 11:42
	3-4km SW	Heard 23 undetermined explosions		15 December, 12:42-12:50
	2-3km SW	Heard 37 bursts	HMG	15 December, 12:51-12:55
		Heard 1 burst		15 December, 13:06
		Heard 1 burst		15 December, 13:08
		Heard 1 burst		15 December, 13:12
	2-3km NW	Heard 2 undetermined explosions	N/K	15 December, 13:18-13:20
2-3km S	Heard 35 bursts	Small arms	15 December, 13:45-13:50	
	Heard 8 single shots			
2-3km E	Heard 2 undetermined explosions	N/K		
Vuhlehirsk ("DPR"-controlled, 48km NE of Donetsk)	3-5km W	Heard 3 undetermined explosions	N/K	15 December, 10:44
Various points near Novoselivka ("DPR"-controlled, 37km NE of Donetsk)	3km NNW	Heard 2 undetermined explosions	N/K	15 December, 10:50
	4km SW	Heard 1 undetermined explosion		15 December, 10:59
	4km NE	Heard 2 undetermined explosion		15 December, 11:22
	3-4km SE	Heard 2 undetermined explosion		15 December, 11:30
		Heard 3 undetermined explosion		15 December, 11:49
Sartana (government controlled, 15km NE of Mariupol)	N/K W	Heard 3 explosions (outgoing)	N/K	15 December, 11:15
6.5km NW of Sartana (government controlled, 15km NE of Mariupol)	N/K NW	Heard 20 undetermined explosions	N/K	15 December, 12:14-12:21
9km SE of Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	4-6km NW	Heard 2 undetermined explosions	N/K	15 December, 14:02
Staryi Aidar (government-controlled, 20km NW of Luhansk)	3km S	Heard 2 undetermined explosions	AGL	15 December, 11:27-11:28
		Heard 4 bursts	HMG	
Raivka ("LPR"-controlled, 16km NW of Luhansk)	5km NW	Heard 2 bursts	Small arms	15 December, 11:26
		Heard 1 burst		15 December, 11:36
Katerynivka (government-controlled, 64km W of Luhansk)	3-5km S	Heard 4 single shots	HMG	15 December, 12:43-12:55
		Heard 2 bursts		

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.)