

**Table of ceasefire violations as of 16 February 2017<sup>1</sup>**

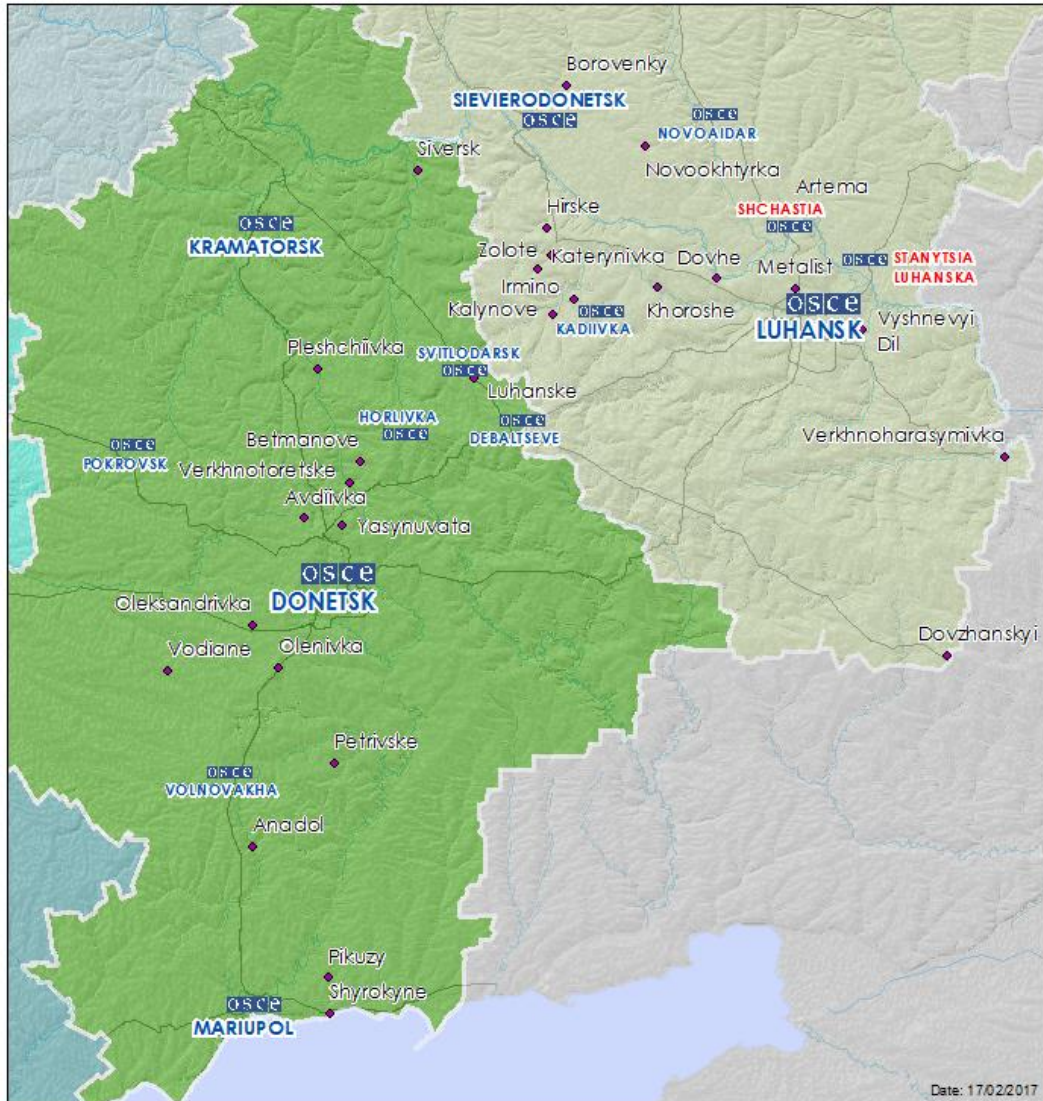
SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time		
SMM camera in Shyrokyne (20km E of Mariupol)	5-7km NNE	Recorded 6 tracer from NE to SW	Anti-aircraft gun (ZU-23, 23mm)	15 February, 17:39-17:40		
	4-6km NNE	Recorded 12 tracer from SW to NE				
	N/K NE		Recorded 12 tracers from W to E	N/K	15 February, 17:40	
			Recorded 5 tracers from E to W		16 February, 01:35	
			Recorded 2 tracers from E to W		16 February, 01:36	
			Recorded 6 tracers from E to W		16 February, 02:47	
			Recorded 3 tracers from E to W		16 February, 02:48	
	N/K NNE		Recorded 1 undetermined explosion		16 February, 05:33	
	5-6km N		Recorded 2 explosions (impacts)		16 February, 15:09-15:13	
	N/K N		Recorded 25 direct tracer fired E to W	Anti-aircraft cannon (ZU-23, 23mm)	16 February, 17:54	
			Recorded 55 direct tracer fired W to E		16 February, 17:54	
			Recorded 2 direct tracer fired E to W	N/K	16 February, 18:04	
			Recorded 6 direct tracer fired W to E		16 February, 18:07	
		Recorded 1 explosion (impact)		16 February, 18:10		
Donetsk city centre ("DPR"-controlled)	5-10km NE	Heard 18 undetermined explosions	N/K	15 February, 19:32-19:40		
		Heard 34 undetermined explosions		15 February, 19:48-19:52		
		Heard 22 undetermined explosions		15 February, 19:53-20:22		
		Heard 21 undetermined explosions		15 February, 20:24-20:26		
		Heard 25 undetermined explosions		15 February, 20:27-20:33		
		Heard 17 undetermined explosions		15 February, 20:35-20:38		
		Heard 7 undetermined explosions		15 February, 20:43-20:48		
		Heard 26 undetermined explosions		15 February, 21:21-21:27		
		Heard 54 undetermined explosions		15 February, 21:28-21:32		
		5-10km NW		Heard 36 undetermined explosions	15 February, 21:33-21:37	
	5-10km NE	Heard 16 undetermined explosions		15 February, 21:39-21:40		
		Heard 9 undetermined explosions		15 February, 21:45-21:54		
		Heard 7 undetermined explosions		15 February, 21:56-22:04		
		Heard 31 undetermined explosions		15 February, 22:06-22:12		
		Heard 12 undetermined explosions		15 February, 22:16-22:29		
		Heard 20 undetermined explosions		15 February, 22:32-22:46		
		Heard 29 undetermined explosions		15 February, 22:49-23:00		
		Heard 5 undetermined explosions		15 February, 23:01-23:10		
	Heard 10 undetermined explosions	15 February, 23:41-23:55				
	5-10km NW	Heard 2 undetermined explosions		16 February, 01:33		
	5-10km N	Heard 7 undetermined explosions		16 February, 01:25-01:26		
	SMM camera at Oktiabr mine (9km NW of Donetsk city centre)	2-5km WNW		Recorded 1 illumination flare from W to E	N/K	15 February, 19:44
				Recorded 1 illumination flare in vertical flight		15 February, 20:05
Recorded 1 illumination flare in vertical flight			15 February, 20:50			
Recorded 2 tracers from W to E			15 February, 20:53			
Recorded 1 tracer from W to E			15 February, 21:01			
2-5km WSW		Recorded 1 tracer from W to E	15 February, 21:34			
		Recorded 1 illumination flare in vertical flight	15 February, 21:34			
		Recorded 3 tracers from W to E	15 February, 21:38-21:40			
		Recorded 1 illumination flare in vertical flight	15 February, 21:44			
		Recorded 1 tracer from W to E	15 February, 22:17			
		Recorded 1 tracer from E to W	15 February, 22:36			

<sup>1</sup> 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.

		Recorded 6 tracers from W to E		15 February, 23:29
		Recorded 18 tracers from W to E		15 February, 23:49-23:57
		Recorded 1 illumination flare from W to E		15 February, 23:58
		Recorded 20 tracers from W to E		16 February, 00:01- 00:08
	Recorded 25 tracers from E to W	16 February, 00:01- 00:08		
	3-5km NW	Recorded 2 explosions (outgoing)		16 February, 01:24
	9km NNE	Recorded 1 large smoke cloud appeared in Avdiivka Coke Plant		16 February, 01:26
	6-8km NE	Recorded 22 undetermined explosions		16 February, 17:52-17:58
		Recorded 7 projectiles of indirect fire, in flight from W to E		16 February, 18:00-18:01
		Recorded 23 undetermined explosions		16 February, 18:03-18:08
		Recorded 3 projectiles of indirect fire, in flight from W to E		16 February, 18:08-18:09
		Recorded 16 undetermined explosions		16 February, 18:10-18:11
		Recorded 7 projectiles of indirect fire, in flight from W to E		16 February, 18:12-18:13
		Recorded 5 undetermined explosions		16 February, 18:14
Recorded 7 projectiles of indirect fire, in flight from W to E				
Recorded 12 undetermined explosions		16 February, 18:15-18:17		
Recorded 7 projectiles of indirect fire, in flight from E to W		16 February, 18:16		
Recorded 16 projectiles of indirect fire, in flight from W to E	16 February, 18:18-18:23			
Yasynuvata railway station ("DPR"-controlled, 16km NE of Donetsk)	3-5km NW	Heard 5 undetermined explosion	N/K	16 February, 09:45
	3-5km W	Heard 1 undetermined explosion		16 February, 10:14
	3-5km NW	Heard 1 undetermined explosion		16 February, 10:19
		Heard 1 undetermined explosion		16 February, 10:29
	3-5km N	Heard 1 undetermined explosion		16 February, 10:36
		Heard 1 undetermined explosion		16 February, 10:39
	3-5km W	Heard 1 undetermined explosion		16 February, 11:51
Heard 1 undetermined explosion		16 February, 12:10		
3km W	Heard 5 shots	Small arms	16 February, 14:02	
17km WNW of Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	3-5km NNE	Heard 1 undetermined explosion	N/K	16 February, 09:55
		Heard 1 undetermined explosion		16 February, 10:36
		Heard 1 undetermined explosion		16 February, 10:48
		Heard 1 undetermined explosion		16 February, 10:52
		Heard 1 undetermined explosion		16 February, 11:05
		Heard 1 undetermined explosion		16 February, 11:07
		Heard 1 undetermined explosion		16 February, 11:10
		Heard 1 undetermined explosion		16 February, 11:15
		Heard 1 undetermined explosion		16 February, 11:22
		Heard 1 undetermined explosion		16 February, 12:30
		Heard 1 undetermined explosion		16 February, 12:40
Heard 1 undetermined explosion	16 February, 12:58			
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)	4-6km NE	Heard 1 undetermined explosion	N/K	16 February, 10:10
	2-4km NE	Heard 1 undetermined explosion		16 February, 10:13
	4-6km N	Heard 1 undetermined explosion		16 February, 10:14
	2-4km NE	Heard 1 undetermined explosion		16 February, 10:17
	6-8km NNE	Heard 1 undetermined explosion		16 February, 10:34
	4-5km NE	Heard 1 undetermined explosion		16 February, 10:58
Heard 1 undetermined explosion		16 February, 10:59		
Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard 1 undetermined explosion	N/K	16 February, 10:15
	4-6km S	Heard 1 undetermined explosion		16 February, 10:20
	6-7km S	Heard 1 undetermined explosion		16 February, 10:35
	4-6km SW	Heard 6 undetermined explosions		16 February, 10:55
	3-4km SE	Heard 1 undetermined explosion		16 February, 11:15
	2-3km SE	Heard 1 undetermined explosion		16 February, 11:55
	5-6km E	Heard 1 undetermined explosion		
	2km SE	Heard 1 undetermined explosion		16 February, 12:10
Nelipivka (government-controlled,	3-4km NE	Heard 9 undetermined explosions	AGL	16 February, 10:50-10:55

50km north of Donetsk)					
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7 km SE	Heard 1 undetermined explosion	N/K	16 February, 10:55	
		5-7km NNE		Heard 1 explosion (outgoing)	16 February, 11:02
		Heard 1 explosion (outgoing)		16 February, 11:07	
		Heard 1 explosion (outgoing)		16 February, 11:09	
		Heard 2 explosions (outgoing)		16 February, 11:29	
	5-7km NE	Heard 1 undetermined explosion	Mortar (82mm)	16 February, 12:30	
		Heard 2 undetermined explosions		16 February, 12:35	
	5-7km SE	Heard 1 undetermined explosion		16 February, 12:56	
	5-7km NNE	Heard 1 explosion (outgoing)		16 February, 13:40	
5-7km S	Heard 1 explosion (impact)		16 February, 13:40		
5-7km SE	Heard 1 undetermined explosion		16 February, 13:50		
Volnovakha (government-controlled, 53km S of Donetsk)	N/K NNE	Heard 8 shots	Small arms	16 February, 10:58-11:30	
		Heard 2 undetermined explosions	N/K		
Anadol (government-controlled, 39km N of Mariupol)	N/K NNW	Heard 8 undetermined explosions (assessed as UAF training)	N/K	16 February, 11:10-11:12	
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	5-8km N	Heard 1 undetermined explosion	N/K	16 February, 12:07	
	3-5km NE	Heard 1 undetermined explosion		16 February, 12:13	
	5-8km N	Heard 1 undetermined explosion		16 February, 12:35	
	3-5km N	Heard 1 undetermined explosion		16 February, 12:37	
	3-5km NE	Heard 1 undetermined explosion		16 February, 12:42	
	3-5km NW	Heard 5 bursts		HMG	16 February, 12:43-12:44
	3-5km NE	Heard 31 shots	HMG or small arms	16 February, 13:36-13:57	
		Heard 1 undetermined explosion	N/K	16 February, 13:59	
		Heard 3 shots	HMG or small arms	16 February, 14:03	
		Heard 1 undetermined explosion	N/K	16 February, 14:13	
Pikuzy (formerly Kominternove "DPR"-controlled, 23km NE of Mariupol)	N/K N	Heard 6 undetermined explosions	N/K	16 February, 12:28-12:49	
		Heard 2 undetermined explosions		16 February, 12:51	
		Heard 2 undetermined explosions		16 February, 12:55	
		Heard 3 undetermined explosions		16 February, 13:00-13:07	
		Heard 2 undetermined explosions		16 February, 13:10-13:15	
	N/K S	Heard 6 shots	Small arms		
SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	N/K NW	Recorded 1 undetermined explosion (assessed as outside of disengagement area)	Artillery (N/K type)	15 February, 02:30	
		Recorded 1 undetermined explosion (assessed as outside of disengagement area)		15 February, 02:31	
		Recorded 1 undetermined explosion (assessed as outside of the disengagement area)		15 February, 02:33	
	1.8km SSE	Recorded 8 shots (assessed as inside the disengagement area)	Small arms	15 February, 04:02	
		Recorded 12 shots (assessed as inside the disengagement area)		15 February, 04:48	
		Recorded 4 shots (assessed as inside the disengagement area)		15 February, 04:57	
Zolote-5 ("LPR"-controlled, 61km NW of Luhansk)	0.3km NW	Heard 1 shot	Small arms	16 February, 09:19	
Borovenky (government-controlled, 77km NW of Luhansk)	12-15km SSE	Heard 10 undetermined explosions	N/K	16 February, 10:25-10:45	
Kalynove ("LPR"-controlled, 60km W of Luhansk)	2km S	Heard 2 explosions (impacts)	Mortar (N/K type)	16 February, 11:00-11:10	
Kadiivka ("LPR"-controlled, formerly Stakhanov, 50km W of Luhansk)	5-10km NW	Heard 1 undetermined explosion	N/K	16 February, 12:36	

## Map of Donetsk and Luhansk regions<sup>2</sup>



<sup>2</sup> The SMM is 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.)