

**Table of ceasefire violations as of 24 February 2017<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time	
Donetsk city centre("DPR"-controlled)	5-10km NW	Heard 2 undetermined explosions	N/K	23 February, 18:35-18:38	
		Heard 4 undetermined explosions		23 February, 19:49-19:53	
	1-3km WSW	Heard and saw 30 explosions (outgoing)(assessed as salutes fire)	Artillery(type N/K)	23 February, 20:00-20:15	
	5-10km NW	Heard 1 undetermined explosion	N/K	23 February, 20:17	
		Heard 6 undetermined explosions		23 February, 21:02-21:06	
		Heard 8 undetermined explosions		23 February, 21:46-21:47	
		Heard 6 undetermined explosions		23 February, 21:54-21:57	
		Heard 7 undetermined explosions		23 February, 22:00-22:04	
	5-10km NE	Heard 11 undetermined explosions		23 February, 22:07-22:10	
	5-10km NW	Heard 1 undetermined explosion		23 February, 22:14	
	5-10km NE	Heard 5 undetermined explosions		23 February, 22:14	
	5-10km NW	Heard 1 undetermined explosion		23 February, 22:15	
	5-10km NE	Heard 25 undetermined explosions		N/K	23 February, 22:15-22:18
		Heard 14 undetermined explosions			23 February, 22:21-22:22
		Heard 40 undetermined explosions			23 February, 22:26-22:35
		Heard 12 undetermined explosions			23 February, 22:36-22:43
	5-10km NW	Heard 4 undetermined explosions		23 February, 22:43	
	5-10km NE	Heard 6 undetermined explosions		23 February, 23:20-23:24	
	5-10km NW	Heard 2 undetermined explosions		24 February, 02:39	
	1-2km NW	Heard 5 explosions (outgoing)		24 February, 16:56-16:57	
2-3km NW	Heard 5 explosions (outgoing)	Artillery (type N/K)		24 February, 17:02-17:03	
	Heard 3 explosions (outgoing)			24 February, 17:06	
	Heard 5 explosions (outgoing)			24 February, 17:19-17:20	
	Heard 5 explosions (outgoing)		24 February, 17:25		
	Heard 3 explosions (outgoing)		24 February, 17:30-17:31		
3-5km NW	Heard 2 explosions (outgoing)	N/K	24 February, 17:51-17:52		
7-10km NW	Heard 6 undetermined explosions		24 February, 17:51-17:52		
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-7km ESE	Recorded 6 undetermined explosions	N/K	23 February, 19:12-19:18	
		Recorded 3 projectiles from NW to SE		23 February, 19:18	
		Recorded 4 undetermined explosions		23 February, 19:21-19:24	
		Recorded 1 projectile from NW to SE		23 February, 19:24	
		Recorded 1 projectile from N to S		23 February, 19:25	
		Recorded 1 projectile in from S to N		23 February, 19:27	
		Recorded 1 projectile in from NW to SE		23 February, 19:29	
		Recorded 1 illumination flare in vertical flight		23 February, 20:16	
		Recorded 1 projectile from NW to SE		23 February, 20:19	
		Recorded 2 undetermined explosions		23 February, 20:21	
		Recorded 1 airburst		23 February, 20:23	
		Recorded 1 undetermined explosion		23 February, 20:25	
		Recorded 1 undetermined explosion		23 February, 20:36	
		Recorded 1 illumination flare in vertical flight		23 February, 20:38	
		Recorded 1 projectile from SW to NE		23 February, 20:43	
		Recorded 1 undetermined explosion		23 February, 21:05	
		Recorded 3 undetermined explosions		23 February, 21:15-21:19	
		Recorded 3 undetermined explosions		23 February, 21:26	
		Recorded 1 illumination flare in vertical flight		23 February, 21:28	

<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.

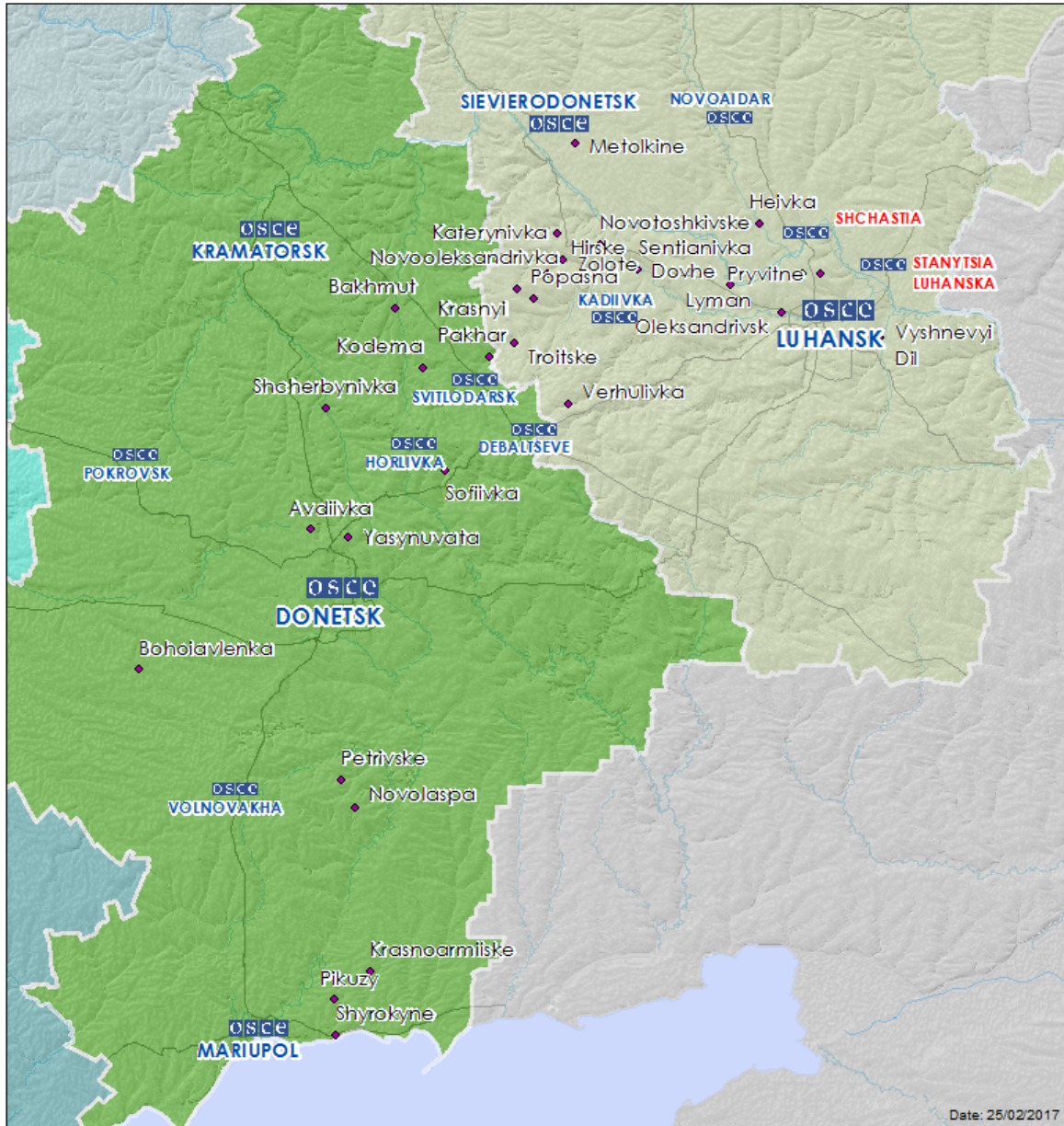
		Recorded 4 undetermined explosions		23 February, 21:31		
		Recorded 1 illumination flare in vertical flight		23 February, 21:35		
		Recorded 4 undetermined explosions		23 February, 21:44-21:46		
		Recorded 4 undetermined explosions		23 February, 21:52-21:59		
		Recorded 2 undetermined explosions		23 February, 22:03-22:10		
		Recorded 1 illumination flare in vertical flight		23 February, 22:14		
		Recorded 10 undetermined explosions		23 February, 22:17-22:23		
		Recorded 4 undetermined explosions		23 February, 22:34-22:38		
		Recorded 1 projectile from NW to SE		23 February, 22:40		
		Recorded 1 undetermined explosion		23 February, 23:01		
		Recorded 1 illumination flare in vertical flight		24 February, 01:02		
SMM camera at Oktiabr mine ("DPR"-controlled, 9km NW of Donetsk city centre)	7-10km NE	Recorded 1 projectile from E to W	N/K	23 February, 21:10		
		Recorded 1 projectile from W to E		23 February, 21:15		
		Recorded 1 projectile from E to W		23 February, 21:18		
		Recorded 1 undetermined explosion		23 February, 21:19		
		Recorded 1 undetermined explosion		23 February, 21:23		
		Recorded 1 projectile from E to W		23 February, 21:23		
		Recorded 2 illumination flares in vertical flight		23 February, 21:26-21:28		
		Recorded 3 projectiles from W to E		23 February, 21:50-21:51		
		Recorded 2 illumination flares in vertical flight		23 February, 21:51-21:58		
		Recorded 1 illumination flare in vertical flight		23 February, 23:14		
		Recorded 1 illumination flare in vertical flight		24 February, 00:02		
		6-8km NE		Recorded 8 undetermined explosions	NK	24 February, 17:48-17:50
		Horlivka ("DPR"-controlled, 39km NE of Donetsk)		6-8km W	Heard 4 undetermined explosions	Artillery (type N/K)
Heard 2 undetermined explosions	23 February, 19:21					
Heard 1 undetermined explosion	23 February, 21:01					
Heard 1 undetermined explosion	23 February, 21:54					
Svitlodarsk (government-controlled, 57km NE of Donetsk)	8-10 km SW	Heard 8 undetermined explosions	N/K	23 February, 18:08		
		Heard 5 undetermined explosions		23 February, 18:14		
		Heard 3 undetermined explosions		23 February, 19:15		
		Heard 2 undetermined explosions		23 February, 21:25		
		Heard 3 undetermined explosions		23 February, 21:37		
		Heard 5 undetermined explosions		23 February, 21:45		
	5-6km SW	Heard 7 undetermined explosions	N/K	24 February, 15:40		
		Heard 5 undetermined explosions		24 February, 15:45		
		Heard 5 undetermined explosions		24 February, 16:08		
		Heard 3 explosions (impacts)		Mortar (82mm)		
	3-4km SW	Heard 2 explosions (outgoing)	Artillery (type N/K)	24 February, 16:30		
		6-7km SW	Heard 4 bursts	HMG	24 February, 16:33	
			Heard 5 explosions (outgoing)	Artillery (type N/K)	24 February, 16:35	
5-7km SW	Heard 1 undetermined explosion	N/K	24 February, 17:09			
	5-7km SW	Heard 33 undetermined explosions	N/K	24 February, 18:00-20:00		
Heard 22 undetermined explosions		24 February, 20:00-21:00				
SMM camera in Shyrokyne (20km E of Mariupol)	N/K N	Recorded 1 undetermined explosion	N/K	23 February, 19:24		
		Recorded 1 tracer round from E to W		23 February, 19:27		
		Recorded 1 undetermined explosion		23 February, 19:27		
		Recorded 1 tracer round from E to W		23 February, 19:27		
		Recorded 5 tracers rounds from W to E		23 February, 19:31		
		Recorded 1 undetermined explosion		23 February, 19:32		
		Recorded 1 tracer round from W to E		23 February, 19:32		
		Recorded 1 undetermined explosion		23 February, 19:32		
		Recorded 1 tracer round from E to W		23 February, 21:08		
		Recorded 1 undetermined explosion		24 February, 01:58		
		Recorded 2 tracers rounds from E to W		24 February, 02:00		
		Recorded 2 tracers rounds from E to W		24 February, 02:00		
		Recorded 1 tracer round from E to W		24 February, 02:03		

Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	3-5km NW	Heard 19 shots	Small arms	24 February, 11:29-11:30	
	7-10km NW	Heard 1 undetermined explosion	N/K		
	3-8km NW	Heard 2 undetermined explosions	N/K	24 February, 11:46-12:10	
		Heard 7 shots	Small arms		
	2-4km W	Heard 36 bursts	HMG	24 February, 12:10-12:49	
		Heard 21 undetermined explosions	N/K		
		Heard 7 bursts	Small arms		
		Heard 65 bursts	HMG		
		Heard 32 bursts	Anti-aircraftgun (ZU-23, 23mm)		24 February, 13:07
		Heard 8 bursts			24 February, 13:13
	3-5km NW	Heard 5 shots	Small arms	24 February, 13:20-13:34	
		Heard 7 bursts			
	8-12km N	Heard 1 undetermined explosion	N/K	24 February, 13:29	
5-8km NW	Heard 1 undetermined explosion	24 February, 13:33			
2-5km NW	Heard 4 undetermined explosions	24 February, 14:08-14:15			
	Heard 2 shots	Small arms		24 February, 09:12	
2km W	Heard 1 undetermined explosion	N/K	24 February, 09:35		
3-5km WSW	Heard 60 shots	HMG	24 February, 09:40-09:50		
	Heard 60 shots	Small arms			
	Heard 40 shots	HMG		24 February, 09:50	
3-5km W	Heard 4 bursts		24 February, 09:55		
4-6km W	Heard 12 undetermined explosions	N/K	24 February, 10:20-10:30		
	Heard uncountable overlapping bursts and shots	Small arms			
	Heard 2 undetermined explosions	N/K		24 February, 10:33	
3-4km NNW	Heard 3 bursts	Small arms	24 February, 10:35		
5-7km NNW	Heard 1 undetermined explosion	N/K	24 February, 10:37		
4-6km WSW	Heard 2 undetermined explosion		24 February, 10:47		
3-4km WSW	Heard uncountable overlapping bursts and shots	Small arms	24 February, 10:58		
3-4km WNW	Heard 2 bursts		24 February, 10:59		
7-9km WNW	Heard 1 undetermined explosion	N/K	24 February, 11:31		
4-5km WSW	Heard 2 undetermined explosions		24 February, 11:32		
7-9km NNW	Heard 1 undetermined explosions		24 February, 11:46		
2-3km W	Heard uncountable bursts	Small arms	24 February, 11:45-11:47		
	Heard 1 undetermined explosions	N/K	24 February, 11:48		
4-5km W	Heard 2 undetermined explosions	N/K	24 February, 11:49		
3-4km W	Heard uncountable shots	Small arms	24 February, 11:50-11:57		
4-6km W	Heard 2 undetermined explosions	N/K	24 February, 11:56		
3-4km W	Heard uncountable shots	Small arms	24 February, 11:56-11:59		
5-7km WNW	Heard 1 undetermined explosions	N/K	24 February, 11:59		
4-5km WNW	Heard 2 undetermined explosions		24 February, 12:00		
3-4km WNW	Heard uncountable bursts	Small arms	24 February, 12:02-12:05		
4-6km SW	Heard 61 undetermined explosions	N/K	24 February, 12:03-12:30		
4-6km W	Heard 56 undetermined explosions				
4-6km WSW	Heard more than 100 bursts	Small arms	24 February, 12:31-12:40		
8-10km NW	Heard 8 undetermined explosions	N/K			
3-6km W	Heard 6 undetermined explosions	Small arms	24 February, 12:41-12:50		
3-6km WSW	Heard 7 bursts	N/K			
	Heard 1 undetermined explosion				
3-7km SW	Heard 8 undetermined explosions	Small arms	24 February, 12:51-13:05		
3-8km W	Heard 23 undetermined explosions				
3-6km W	Heard 16 bursts			HMG	
	Heard 16 bursts	Anti-aircraftgun (ZU-23, 23mm)			
	Heard 20 shots				
4-6km WSW	Heard 3 undetermined explosions	N/K	24 February, 12:51-13:05		
4-6km NW	Heard 1 undetermined explosion				
3-5km SW	Heard 9 undetermined explosion				
3-6km W	Heard 30 undetermined explosion	Small arms	24 February, 12:51-13:05		
	Heard 13 bursts				
3-6km W	Heard and saw 3 airburst	N/K	24 February, 13:07-13:36		
3-5km WNW	Heard 66 undetermined explosions				

		Heard uncountable overlapping bursts and shots	Small arms	
	4-6km W	Heard 42 undetermined explosions	N/K	24 February, 13:40-14:05
	4-6km SW	Heard 11 undetermined explosions		
	4-6km W	Heard 13 bursts Heard uncountable shots	Small arms	
NW edge of Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	N/K	Heard 1 burst (3-5 shots)	Small arms	24 February, 13:27
	15-20m S	Heard and saw 1 burst (3-5 shots)	Small arms (AK)	
Avdiivka (government-controlled, 17km N of Donetsk)	1-6km SE	Heard 290 undetermined explosions	N/K	24 February, 11:57-14:00
		Heard 60 bursts Heard 250 shots	HMG	
	3-7km SW	Heard 130 undetermined explosions	N/K	
Yenakiieve("DPR"-controlled, 41km NE of Donetsk)	5-7km SW	Heard 3 undetermined explosions	N/K	24 February, 10:15
		Heard 1 undetermined explosion		24 February, 10:25
		Heard 3 undetermined explosions		24 February, 10:30-10:40
Sofiivka (formerly Karlo-Marksove, "DPR"-controlled, 40km NE of Donetsk)	0.5-1km S (assessed as a live-fire exercise inside the security zone)	Heard 5 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	24 February, 10:15-10:20
		Heard 5 explosions (outgoing)	RPG	
		Heard 10 explosions (outgoing)	AGL	
Staropetrivske ("DPR"-controlled, 35km NE of Donetsk)	7-8km NW	Heard 1 undetermined explosion	N/K	24 February, 10:55
Kodema (government-controlled, 57km NE of Donetsk)	3km SW	Heard 1 explosion (outgoing)	Artillery (152mm)	24 February, 12:31
Mykolaivka Druha (government-controlled, 55km N of Donetsk)	3-5km SW	Heard 4 undetermined explosions	N/K	24 February, 13:15-13:20
		Heard 4 bursts		24 February, 13:21
		Heard uncountable overlapping bursts	HMG	24 February, 13:22
Druzhba(government-controlled, 45km NE of Donetsk)	3-5km SW	Heard 4 undetermined explosions	N/K	24 February, 14:20-14:30
Dokuchaievsk ("DPR"-controlled, 30km SW of Donetsk)	2-3km SW	Heard 1 undetermined explosion	N/K	24 February, 11:56
Hnutove (government-controlled, 20km NE of Mariupol),	5-6km SSE	Heard 1 undetermined explosion	N/K	24 February, 09:45
	3-km SSE	Heard 6 bursts	Small arms	
	6-8 km SSE	Heard 1 undetermined explosion	N/K	24 February, 10:20
	5-6 km SE	Heard 2 bursts	HMG	24 February, 10:30
1km N of Zaichenko ("DPR"-controlled, 26km NE of Mariupol)	N/K WNW	Heard 4 bursts	Small arms	24 February, 11:18-11:25
Pikuzy (formerly Kominternove, 23km NW of Mariupol)	3m	Heard and saw 1 shot	Small arms (AK-47)	24 February, 12:25
SMM camera in Stanytsia Luhanska (government-controlled 16km NE of Luhansk.)	1.65km SSE	Recorded 1 shot (assessed as inside the disengagement area)	Small arms	22 February, 19:33
	760m SE	Recorded 2 explosions (impacts) (assessed as inside the disengagement area)	N/K	22 February, 19:33
Sokilnyky ("LPR"-controlled, 38km NW of Luhansk)	5km SW	Heard 5 undetermined explosions	N/K	24 February, 10:00-10:15
	1km SW	Heard 7 shots	Small arms	

Kalynove-Borshchuvate ("LPR"-controlled, 61km W of Luhansk)	3km W	Heard 1 undetermined explosion	N/K	24 February, 10:33
3km E of Novooleksandrivka (65km W of Luhansk)	1.2km NW	Heard 1 undetermined explosion		24 February, 11:57
Novooleksandrivka (65km W of Luhansk)	2-4km S (outgoing) 2-4km E (impact)	Heard 1 explosion (outgoing) followed by 1 explosion (impact)	Mortar (120mm)	24 February, 12:08
	4km S	Heard 10 undetermined explosions	N/K	24 February, 12:30
	2-3km SE	Heard 7 undetermined explosions		24 February, 12:37
0.7km NW of Lobacheve ("LPR"-controlled, 13km E of Luhansk)	1.5km NW	Heard 3 shots	Small arms	24 February, 11:59
Verhulivka ("LPR"-controlled, 61km W of Luhansk)	1km NW	Heard 4 undetermined explosions	N/K	24 February, 12:00-12:06
Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	N/K W	Heard 5 undetermined explosions (outside the disengagement area)		24 February, 12:32-12:41
Popasna (government-controlled, 69km W of Luhansk)	3-4km SE	Heard 3 explosions (impacts)	Mortar (120mm)	24 February, 12:47
Troitske (government-controlled, 69km W of Luhansk)	5-7km S	Heard 31 explosions (impacts)	Artillery (152mm)	24 February, 14:10-14:21
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	10km NW	Heard 33 undetermined explosions	Artillery (type N/K)	24 February, 16:20-16:45
	10km W	Heard 51 explosions (impacts)		24 February, 17:49-18:09

## 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.)