

**Table of ceasefire violations as of 13 March 2017<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Donetsk city centre (“DPR”-controlled)	8-10km NNW	Heard 101 undetermined explosions	N/K	12 March, 18:30-21:16
		Heard 24 undetermined explosions		12 March, 21:21-21:29
		Heard 27 undetermined explosions		12 March, 21:30-21:34
		Heard 25 undetermined explosions		12 March, 21:36-21:45
		Heard 12 undetermined explosions		12 March, 21:46-21:51
		Heard 21 undetermined explosions		12 March, 21:54-21:58
		Heard 23 undetermined explosions		12 March, 22:00-22:07
		Heard 40 undetermined explosions		12 March, 22:08-22:13
		Heard 9 undetermined explosions		12 March, 22:15-22:27
	6-8km NW	Heard 40 undetermined explosions		12 March, 22:28-22:54
		Heard 14 undetermined explosion		12 March, 23:00-23:02
		Heard 3 undetermined explosions		12 March, 23:07
		Heard 3 undetermined explosions		12 March, 23:20
		Heard 3 undetermined explosions		13 March, 00:32
		Heard 1 undetermined explosion		13 March, 03:01
8-10km NNW	Heard 2 undetermined explosions	13 March, 04:00		
Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	4-6km NW	Heard 1 undetermined explosion	N/K	12 March, 20:56
	5-7km NW	Heard 1 undetermined explosion	N/K	12 March, 21:12
	3-5km NW	Heard 1 burst	HMG	12 March, 21:26
	4-6km NW	Heard 26 undetermined explosions	N/K	12 March, 21:33
		Heard 35 undetermined explosions		12 March, 21:45-21:52
Heard 1 undetermined explosion		12:March, 22:24		
Heard 27 undetermined explosions	12 March, 22:51			
SMM camera in Shyrokyne (20km E of Mariupol)	N/K N	Recorded 4 tracer rounds from W to E	N/K	12 March, 18:30
		Recorded 18 tracer rounds from W to E		12 March, 18:33
		Recorded 2 tracer rounds from E to W		
		Recorded 4 undetermined explosions		12 March, 18:34
		Recorded 5 tracer rounds from W to E		12 March, 18:45
		Recorded 3 tracer rounds from E to W		12 March, 18:46
		Recorded 1 undetermined explosion		12 March, 18:47
		Recorded 1 undetermined explosion		12 March, 19:34
		Recorded 5 tracer rounds from W to E		
		Recorded 8 undetermined explosions		12 March, 20:03
		Recorded 13 tracer rounds from W to E		12 March, 20:11
		Recorded 2 tracer rounds from W to E		
		Recorded 2 undetermined explosions		12 March, 20:11
		Recorded 6 undetermined explosions		12 March, 20:13
		Recorded 3 tracer rounds from W to E		
		Recorded 6 undetermined explosions		12 March, 20:21
Recorded 7 tracer rounds from W to E				

<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 1 tracer rounds from E to W		12 March, 20:48	
		Recorded 4 undetermined explosions		12 March, 21:50	
	N/K NE	N/K	Recorded 1 undetermined explosion	N/K	13 March, 00:42
			Recorded 11 tracer rounds from W to E		13 March, 00:43
			Recorded 4 tracer rounds from W to E		13 March, 01:10
			Recorded 3 tracer rounds from SW to NE		13 March, 01:10
			Recorded 4 tracer rounds from NE to SW		13 March, 01:18
			Recorded 4 tracer rounds from E to W		13 March, 01:30
			Recorded 3 tracer rounds from E to W		13 March, 01:35
			Recorded 8 tracer rounds from E to W		13 March, 01:38
			Recorded 13 tracer rounds from E to W		13 March, 01:38
			Recorded 8 tracer rounds from E to W		13 March, 01:41
			Recorded 12 tracer rounds from E to W		13 March, 01:47
			Recorded 1 undetermined explosion		13 March, 02:07
			Recorded 2 undetermined explosions		13 March, 02:15
			Recorded 2 undetermined explosions		13 March, 02:16
	Recorded 1 tracer round from NW to SE	13 March, 02:17			
	Recorded 5 tracer rounds from W to E	13 March, 02:18			
	Recorded 4 tracer rounds from E to W	13 March, 02:26			
	N/K N	N/K	Recorded 1 undetermined explosion	N/K	13 March, 02:38
Recorded 3 tracer rounds from SW to NE			13 March, 03:59		
N/K NE		Recorded 8 tracer rounds from E to W		13 March, 04:38	
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	N/K	8-10km SW	N/K	12 March, 17:43	
		7-10km NNE		12 March, 18:27-18:42	
		8-10km SW		Heard 9 undetermined explosions	12 March, 18:42-18:55
				Heard 17 undetermined explosions	12 March, 19:10-19:15
		4-6km W		Heard 3 bursts (3-5 rounds)	
				Heard 1 burst	HMG
		Heard 1 burst		Small arms	13 March, 07:15
3-5km SW	Heard 5 undetermined explosions	N/K	13 March, 08:27-08:30		
	Heard 5 bursts	HMG			
8-10km SW		Heard 9 undetermined explosions	N/K	13 March, 08:35-08:45	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km ESE	Heard 7 bursts	Anti-aircraft cannon (ZU-23, 23mm)	12 March, 20:52-21:12	
		Heard unaccountable overlapping bursts			HMG, small arms
		Heard 2 undetermined explosions	N/K	12 March, 21:15-21:23	
		Heard 37 undetermined explosions			
		Heard 12 undetermined explosions	HMG	12 March, 21:28-21:30	
		Heard 3 bursts			
		Heard 6 undetermined explosions	N/K	12 March, 21:35	
		Heard 12 bursts			
		Heard 5 bursts	HMG	12 March, 21:43	
		Heard 61 undetermined explosions			
		Heard 3 undetermined explosions	N/K	12 March, 21:44-21:49	
		Heard 17 undetermined explosions			
Heard 7 bursts	HMG	12 March, 22:13			
Heard 5 shots					
			AGL	12 March, 22:52-22:55	
				13 March, 06:48	

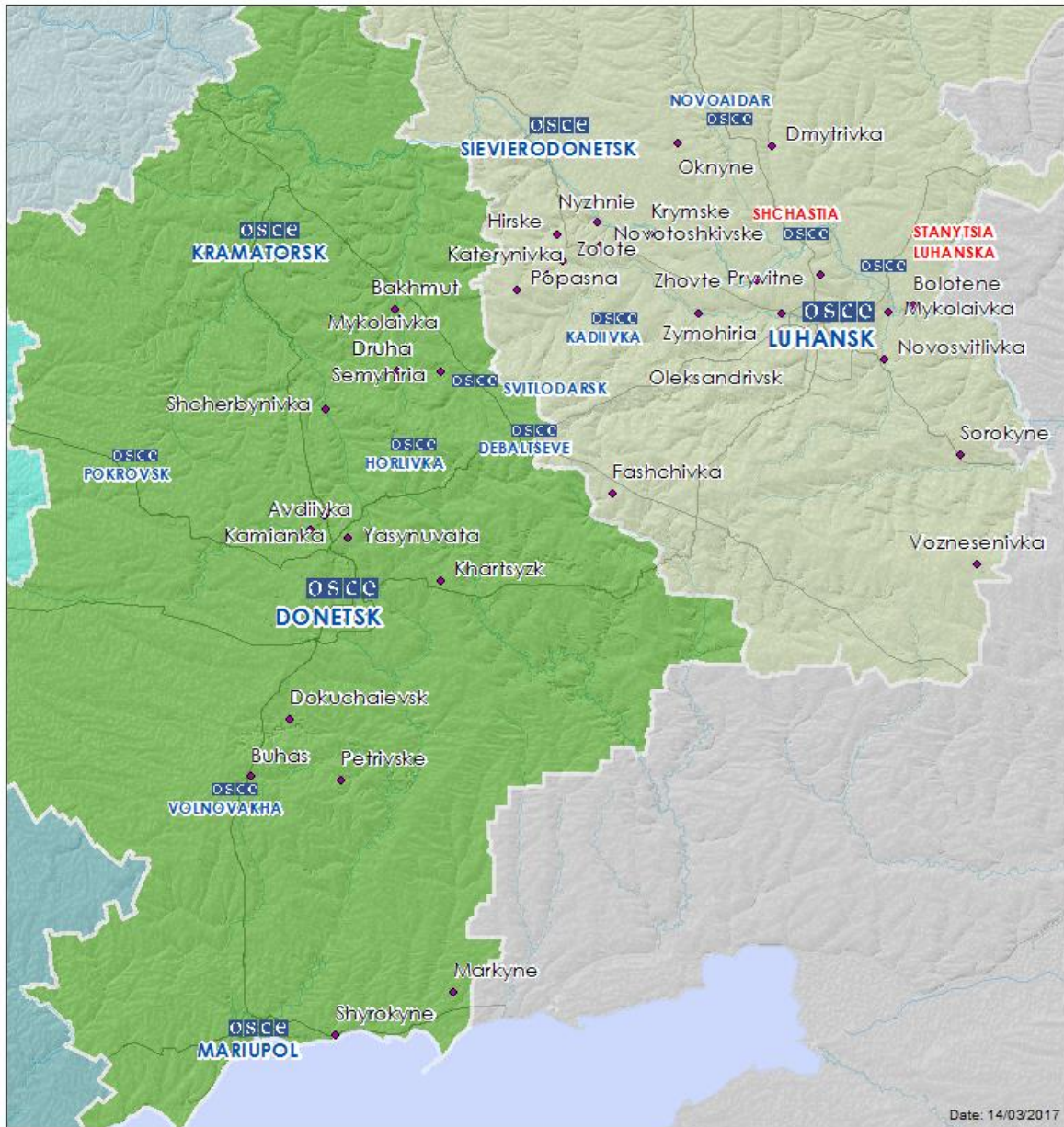
		Heard 1 burst	Small arms		
	3-6km E	Heard 5 undetermined explosions	N/K	13 March, 07:55-08:01	
		Heard 27 undetermined explosions	Artillery (N/K calibre)	13 March, 08:38-08:57	
	1km S	Heard 11 explosions (impacts)	Mortar (82mm)	13 March, 14:05-14:17	
	3-5km SE	Heard 42 undetermined explosions	N/K	13 March, 15:28-15:56	
		Heard 4 undetermined explosions		13 March, 16:19-16:22	
	2-5km SE	Heard 40 undetermined explosions		13 March, 16:24-16:45	
		Heard 2 undetermined explosions		13 March, 16:48	
		Heard 28 undetermined explosions		13 March, 17:01-17:22	
		Heard 20 undetermined explosions		13 March, 17:31-17:46	
		Heard 9 bursts	Anti-aircraft cannon (ZU-23, 23 mm)	13 March, 18:06-18:15	
Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Heard 5 shots	Small arms	13 March, 10:12	
	5-7km E	Heard 1 undetermined explosion	N/K	13 March, 11:03	
	2-3km SE	Heard 12 bursts	HMG	13 March, 11:37-14:20	
	2-3km E	Heard 33 undetermined explosions	N/K		
	1km E	Heard 1 undetermined explosion		13 March, 14:21	
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-5km ESE	Recorded 8 explosions (impacts)	N/K	13 March, 16:25-16:32	
		Recorded 11 explosions (impacts)		13 March, 16:35-16:44	
		Recorded 3 explosions (impacts)		13 March, 17:05	
		Recorded 4 explosions (impacts)		13 March, 17:13-17:17	
		Recorded 1 explosion (impact)		13 March, 17:37	
		Recorded 1 undetermined explosion		13 March, 18:00	
		Recorded 3 undetermined explosions		13 March, 18:06	
		Recorded 1 undetermined explosion		13 March, 18:10	
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	3-5km SSE	Heard 1 undetermined explosion	N/K	13 March, 09:27	
	3-5km SE	Heard 1 undetermined explosion		Small arms	13 March, 10:33
		Heard 1 burst	N/K		13 March, 11:02
	1-5km W	Heard 6 shots		HMG	13 March, 11:05
		3-5km W	Heard 1 undetermined explosion	N/K	13 March, 11:44
	Heard 1 undetermined explosion		13 March, 12:00		
	5-7km W	Heard 1 undetermined explosion	HMG	13 March, 13:17	
		Heard 1 burst		13 March, 13:19	
	3-4km W	Heard 7 shots	N/K	13 March, 13:19-13:20	
		Heard 4 undetermined explosions			
	1-2 km W	Heard 7 subsequent explosions	AGL	13 March, 13:36	
	3-4km W	Heard 10 shots		13 March, 13:37	
	1-2km W	Heard 10 subsequent explosions	Small arms	13 March, 13:40	
	1-2km S	Heard 1 burst		13 March, 13:47	
	3-7km S	Heard 1 undetermined explosion	N/K	13 March, 14:12	
	4-5km W	Heard 2 undetermined explosions		13 March, 14:15	
	5-6km NW	Heard 1 undetermined explosion		13 March, 14:20-14:21	
3-5km W	Heard 3 undetermined explosions	13 March, 14:23			
4-6km W	Heard 2 undetermined explosion	13 March, 15:22			
1-2km NNW	Heard 1 burst	Small arms		13 March, 15:22	
Kamianka (government-controlled, 20km N of Donetsk)	1km E	Heard 1 undetermined explosion	N/K	13 March, 11:41	
		Heard 1 undetermined explosion		13 March, 11:59	
1.5km S of Kamianka (government-controlled, 20km N of Donetsk)	3km NW	Heard 1 undetermined explosion	N/K	13 March, 13:00	
		Heard 2 undetermined explosions		13 March, 13:11	
		Heard 3 undetermined explosions		13 March, 13:16	
		Heard 3 undetermined explosions		13 March, 13:18	
		Heard 8 undetermined explosions		13 March, 13:19	
		Heard 2 undetermined explosions		13 March, 13:20	
	1km NW	Heard 2 undetermined explosions	HMG	13 March, 13:21	
		Heard 25 bursts		13 March, 13:36	
		Heard 3 explosions (impact)		AGL	13 March, 13:37
		Heard 35 bursts		HMG	13 March, 13:44
	Heard 1 undetermined explosion	N/K	13 March, 13:47		
Heard 1 explosion (impact)	13 March, 13:49				

		Heard 35 bursts	HMG	13 March, 13:57
		Heard 1 explosion (impact)	Mortar (N/K calibre)	13 March, 14:04
	2km NW	Heard 35 bursts	HMG	13 March, 15:06
	Heard 35 bursts	13 March, 15:07		
Donetsk central railway station ("DPR"- controlled, 6km NW of Donetsk city centre)	2-4km N	Heard 18 shots	Small arms	13 March, 09:26
	5-7km NNE	Heard 1 undetermined explosion	N/K	13 March, 09:27
	5-7km WNW	Heard 1 undetermined explosion		13 March, 10:57
Petrivske ("DPR"- controlled, 41km S of Donetsk)	5-7km NNW	Heard 4 undetermined explosions	N/K	13 March, 12:06-12:08
		Heard 2 undetermined explosions		13 March, 12:34
	3-6km NW	Heard 5 undetermined explosions	HMG	13 March, 12:41-12:44
		Heard 10 bursts		
	1-2km S	Heard 10 shots	Small arms	13 March, 12:55-12:57
		Heard 1 shot		13 March, 13:00
	3-5km NNW	Heard 3 undetermined explosions	N/K	13 March, 13:20-13:24
		Heard 3 shots	Small arms	
		Heard 1 undetermined explosion	N/K	
		Heard 3 shots	Small arms	
3.2km NNE of Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	5-7km NW	Heard 9 undetermined explosions	N/K	13 March, 14:00-14:03
		Heard 6 undetermined explosions		13 March, 14:08
		Heard 10 undetermined explosions		13 March, 14:12
		Heard 6 undetermined explosions		13 March, 14:13
		Heard 3 undetermined explosions		13 March, 14:24
3km SW of Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	3-5km NW	Heard 2 undetermined explosions	N/K	13 March, 14:48
		Heard 2 undetermined explosions		13 March, 14:52
		Heard 1 undetermined explosion		13 March, 15:03
		Heard 2 undetermined explosions		13 March, 15:10
SW edge of Horlivka ("DPR"-controlled, 39km NE of Donetsk)	6-8km SW	Heard 1 undetermined explosion	N/K	13 March, 09:48
W edge of Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard 6 undetermined explosions	N/K	13 March, 09:05-09:22
	4-6km SW	Heard 1 undetermined explosion		13 March, 09:25
Semyhiria (government-controlled, 58km NE of Donetsk)	4-5km S	Heard 54 undetermined explosions	Artillery (N/K calibre)	13 March, 10:12-10:27
1km N of Pyschchevyk (government controlled, 25km NE of Mariupol)	N/K SSE	Heard 8 undetermined explosions	N/K	13 March, 09:48
		Heard 3 bursts		
	1-2km NE	Heard 5 bursts	HMG	13 March, 10:00
	1-2km SSE	Heard 1 burst	Small arms	13 March, 10:20
Heard 4 shots				
1-2km SE	Heard 1 burst	HMG	13 March, 10:48	
3km NNE of Hnutove (government-controlled, 20km NE of Mariupol)	N/K E	Heard 3 bursts	HMG	13 March, 10:11
NE edge of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K E	Heard 1 undetermined explosion	N/K	13 March, 10:46
		Heard 3 bursts	Small arms	13 March, 12:55-13:05
		Heard 4 shots		
2.5km S of Lebedynske (government controlled, 16km NE of Mariupol)	N/K E	Heard 1 undetermined explosion	N/K	13 March, 14:05
		Heard 1 undetermined explosion		13 March, 14:31
	N/K NE	Heard 3 bursts	HMG or anti-aircraft cannon (type N/K)	13 March, 14:35
Orlivske (government-controlled, 23km NE of Mariupol)	3-5km E	Heard 4 undetermined explosions	N/K	13 March, 12:03-12:15
SMM camera in Stanytsia Luhanska (government-controlled 16km NE of Luhansk,)	720m NW	Recorded 7 explosions (outgoing) (assessed as outside the disengagement area)	Mortar (120mm)	11 March, 19:13
	1.1km S	Recorded 1 flash (assessed as inside the disengagement area)	N/K	11 March, 20:04
Zymohiria ("LPR"-	10km SSW	Heard 5 undetermined explosions	Artillery (N/K)	13 March, 10:10-10:30

controlled, 27km W of Luhansk)			calibre)	
Fashchivka (“LPR”-controlled, 60km SW of Luhansk),	15km NNW	Heard 45 undetermined explosions	N/K	13 March, 10:15-10:35
Malomykolaivka (“LPR”-controlled 36km SW of Luhansk)	10km NW	Heard 16 undetermined explosions (assessed as a live-fire exercise in a training area near “LPR”-controlled Shymshynivka	Artillery(N.K calibre)	13 March, 10:21- 12:10
	5km N	Heard 3 bursts (assessed as a live-fire exercise in a training area near “LPR”-controlled Uspenka)	Small Arms	13 March, 11:11
Novotoshkivske (government-controlled, 53km W of Luhansk)	10-12km SW	Heard 1 undetermined explosion	N/K	13 March, 10:49
		Heard 1 undetermined explosion		13 March, 11:00
	5km SSE	Heard 1 undetermined explosion		13 March, 11:05
2.5 km E of Novotoshkivske (government-controlled, 53km W of Luhansk)	3-4km SE	Heard 9 undetermined explosions	Mortar (82mm)	13 March, 11:29-11:36
Nyzhnie (government-controlled 56km NW of Luhansk)	3-5km SSE	Heard 2 undetermined explosions	Mortar (82mm)	13 March, 11:43
	3-4km SW	Heard 1 undetermined explosion		13 March, 11:45
	3-4km SSE	Heard 3 bursts	HMG	13 March, 11:48
		Heard 5 bursts		13 March, 11:52
3km SW	Heard 16 shots	Small arms		
Staryi Aidar (government-controlled 20km NW of Luhansk)	7-10km S	Heard 16 undetermined explosions	N/K	13 March,12:10-12:40
Krymske (government-controlled, 42km NW of Luhansk)	2-3km SSW	Heard 10 bursts	HMG	13 March, 12:29:
		Heard 5 bursts	Small arms	13 March, 12:33
		Heard 8 shots	IFV (BMP-2) cannon (30mm)	13 March, 12:36
		Heard 15 undetermined explosions	AGL	13 March, 12:39
		Heard 7 undetermined explosions	Mortar (82mm)	13 March, 12:45
		Heard 5 shots	IFV (BMP-2) cannon (30mm)	13 March, 12:48
		Heard 3 rounds	AGL	13 March, 12:49
		Heard 6 undetermined explosions	Mortar (82mm)	13 March, 12:50
		Heard 2 undetermined explosions		13 March, 13:27
		Heard 3 undetermined explosions		13 March, 13:29
Zolote 4 (government-controlled, 60km NW of Luhansk)	4-5km NNE	Heard 5 undetermined explosions	N/K	13 March, 13:00
South of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2-3km ENE	Heard 4 bursts (assessed as outside the disengagement area)	HMG	13 March, 13:22-13:32
		Heard 6 single shots (assessed as outside the disengagement area)		



## 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.)