

**Table of ceasefire violations as of 14 March 2017<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Petrivske (“DPR”-controlled, 41km S of Donetsk)	1-3km W	Recorded 10 projectiles from SW to NE (assessed as outside disengagement area)	N/K	10 March, 23:11
		Recorded 2 projectiles from SW to NE (assessed as outside disengagement area)		10 March, 23:15
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-6km ESE	Heard 10 bursts	Anti-aircraft cannon (ZU-23, 23mm)	13 March, 18:30-18:48
		Heard 8 undetermined explosions	N/K	
		Heard 4 bursts	HMG	
		Heard 10 undetermined explosions	N/K	13 March, 18:54-19:12
		Heard 19 bursts	Anti-aircraft cannon (ZU-23)	
		Heard 3 bursts	HMG	13 March, 19:20
		Heard 186 undetermined explosions	N/K	13 March, 19:30-20:18
		Heard 7 bursts	HMG	
		Heard 18 bursts	Small arms	13 March, 20:24
		Heard 2 undetermined explosions	N/K	
		Heard 25 bursts	Anti-aircraft cannon (ZU-23)	13 March, 20:48-20:55
		Heard 11 bursts	HMG	13 March, 21:15
		Heard 7 bursts	Anti-aircraft cannon (ZU-23)	13 March, 22:10-22:17
		Heard 23 bursts	HMG	13 March, 22:40-22:55
		Heard 52 bursts	Small arms	
	Heard 1 undetermined explosion	N/K	13 March, 22:59-23:02	
	Heard 13 undetermined explosions		13 March, 23:16-23:23	
	10-12km ENE	Heard 42 undetermined explosions	N/K	14 March, 05:45
	2-6km SE	Heard 2 undetermined explosions		Anti-aircraft cannon (ZU-23)
		Heard 7 bursts	N/K	
	5-8km SE	Heard 1 undetermined explosion		14 March, 16:40
		Heard 1 undetermined explosion		14 March, 17:22-17:30
Heard 14 undetermined explosions		14 March, 17:32		
Heard 1 undetermined explosion		14 March, 17:33-17:41		
Heard 3 undetermined explosions		14 March, 17:45		
Heard 2 explosions (impact)	Mortar (82mm)			
“DPR”-controlled Donetsk city centre	4-6km N	Heard 12 undetermined explosions	N/K	13 March, 18:33-18:40
		Heard 3 undetermined explosions		13 March, 18:45
		Heard 8 undetermined explosions		13 March, 19:38-19:42
		Heard 10 undetermined explosions		13 March, 19:47-19:59

<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.

		Heard 11 undetermined explosions		13 March, 20:01-20:10
		Heard 8 undetermined explosions		13 March, 20:11-20:22
		Heard 8 undetermined explosions		13 March, 20:44-20:57
		Heard 10 undetermined explosions		13 March, 21:15-21:24
		Heard 5 undetermined explosions		13 March, 21:38-21:51
		Heard 4 undetermined explosions		13 March, 22:10-22:23
		Heard 2 undetermined explosions		13 March, 23:00
		Heard 5 undetermined explosions		13 March, 23:12
	3-5km W	Heard 1 undetermined explosion		14 March, 01:55
	Heard 1 undetermined explosion	14 March, 03:54		
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km ESE	Recorded 5 airbursts	N/K	13 March, 19:01
	4-6km E	Recorded 1 undetermined explosion		13 March, 19:03
		Recorded 1 undetermined explosion		13 March, 19:26
		Recorded 1 undetermined explosion		13 March, 19:28
		Recorded 1 undetermined explosion		13 March, 19:29
		Recorded 1 projectile from E to W		13 March, 22:12
	3-5km ESE	Recorded 6 projectiles from W to E		13 March, 23:20
		Recorded 2 undetermined explosions		13 March, 23:22
		Recorded 8 projectiles from W to E		14 March, 06:47-07:00
	4-6 km ESE	Recorded 7 undetermined explosions		14 March, 07:02-07:18
		Recorded 7 undetermined explosions		14 March, 08:07-08:16
		Recorded 6 undetermined explosions		14 March, 16:30-16:35
		Recorded 15 undetermined explosions		14 March, 16:36-16:40
		Recorded 23 undetermined explosions		14 March, 16:41-16:46
		Recorded 7 undetermined explosions		14 March, 16:56
		Recorded 2 undetermined explosions		14 March, 16:56-17:00
		Recorded 5 undetermined explosions		14 March, 17:01 - 17:17
		Recorded 23 undetermined explosions		14 March, 17:20 - 17:21
		Recorded 2 undetermined explosions		14 March, 17:24
		Recorded 15 projectiles from NW to SE		14 March, 17:28
Recorded 1 undetermined explosion		14 March, 17:34-17:37		
Recorded 4 undetermined explosions		14 March, 17:41-17:57		
	Recorded 7 undetermined explosions			
SMM camera in Shyrokyne (20km E of Mariupol)	N/K NNE	Recorded 16 tracers from E to W	N/K	13 March, 19:32
		Recorded 15 tracers from E to W		13 March, 19:44
		Recorded 21 tracers from E to W		13 March, 19:44
		Recorded 13 tracers from E to W		13 March, 19:45
		Recorded 5 tracers from E to W		13 March, 19:45
		Recorded 2 tracers from E to W		13 March, 19:51
		Recorded 4 tracers from E to W		13 March, 19:51
		Recorded 2 tracers from E to W		13 March, 19:52
		Recorded 8 tracers from E to W		13, March, 20:01
		Recorded 4 tracers from E to W		13, March, 20:03

		Recorded 25 tracers from E to W		13 March, 20:04	
		Recorded 3 tracers from E to W		13 March, 20:04	
		Recorded 8 tracers from E to W		12 March, 20:08	
		Recorded 2 tracers from E to W		12 March, 20:09	
		Recorded 1 tracer from E to W		13, March, 20:10	
		Recorded 2 tracers from E to W		13, March, 20:11	
		Recorded 4 tracers from E to W		13 March, 20:11	
		Recorded 6 tracers from E to W		13 March, 20:12	
		Recorded 2 tracers from E to W		13 March, 20:12	
		Recorded 5 tracers from E to W		13 March, 20:15	
		Recorded 2 tracers from E to W		13 March, 20:16	
		Recorded 3 tracers from E to W		13 March, 20:16	
		Recorded 10 tracers from E to W		13 March, 20:17	
		Recorded 2 tracers from E to W		13 March, 20:20	
		Recorded 9 tracers from W to E		13 March, 21:01	
		Recorded 5 tracers from E to W		13 March, 21:35	
		Recorded 16 tracers from W to E		13 March, 21:36	
		Recorded 7 tracers from E to W		13 March, 21:36	
		Recorded 4 tracers from W to E		13 March, 21:36	
		Recorded 1 undetermined explosion		13 March, 21:36	
		Recorded 1 tracer from W to E		13 March, 21:47	
		Recorded 1 tracer from W to E		13 March, 21:48	
		Recorded 7 tracers from W to E		13 March, 21:50	
		Recorded 1 tracer from W to E		13 March, 21:50	
		Recorded 1 tracer from W to E		13 March, 21:52	
		Recorded 5 tracers from E to W		13 March, 22:00	
		Recorded 5 tracers from E to W		13 March, 22:05	
		N/K NNW		Recorded 15 tracers from W to E	13 March, 23:29
				Recorded 1 tracer from E to W	13 March, 23:52
		N/K NNE		Recorded 1 tracer from W to E	14 March, 01:25
		N/K N		Recorded 1 tracer from W to E	14 March, 02:37
				Recorded 1 tracer from W to E	14 March, 02:40
				Recorded 1 tracer from W to E	14 March, 02:50
N/K NNE	Recorded 12 tracers from W to E	14 March, 03:03			
	Recorded 1 tracer from E to W	14 March, 03:58			
	Recorded 2 tracers from E to W	14 March, 04:02			
	Recorded 1 tracer from W to E	14 March, 04:42			
1-2km N	Recorded 1 airburst	14 March, 17:34			
N/K NNE	Recorded 1 undetermined explosion	14 March, 18:08			
Horlivka (“DPR”-controlled, 39km NE of Donetsk)	7-10km SW	Heard 5 undetermined explosions	N/K	13 March, 20:00-20:05	
		Heard 4 undetermined explosions		13 March, 20:30-20:45	
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	3-5km SSE	Heard 1 undetermined explosion	N/K	14 March, 09:50	
	3-5km SSE	Heard 8 undetermined explosions		14 March, 10:46-10:49	
	3-5km SSE	Heard 4 bursts	Small arms	14 March, 11:08	
	3-5km N	Heard 1 undetermined explosion	N/K	14 March, 11:42-11:58	
	3-5km SE	Heard 1 undetermined explosion		14 March, 12:14	
	2-5km, NW	Heard 1 undetermined explosion		14 March, 12:40	
	5-7km, W	Heard 1 undetermined explosion		14 March, 12:55	
5-7km, SE	Heard 5 bursts	Small arms	14 March, 12:55		

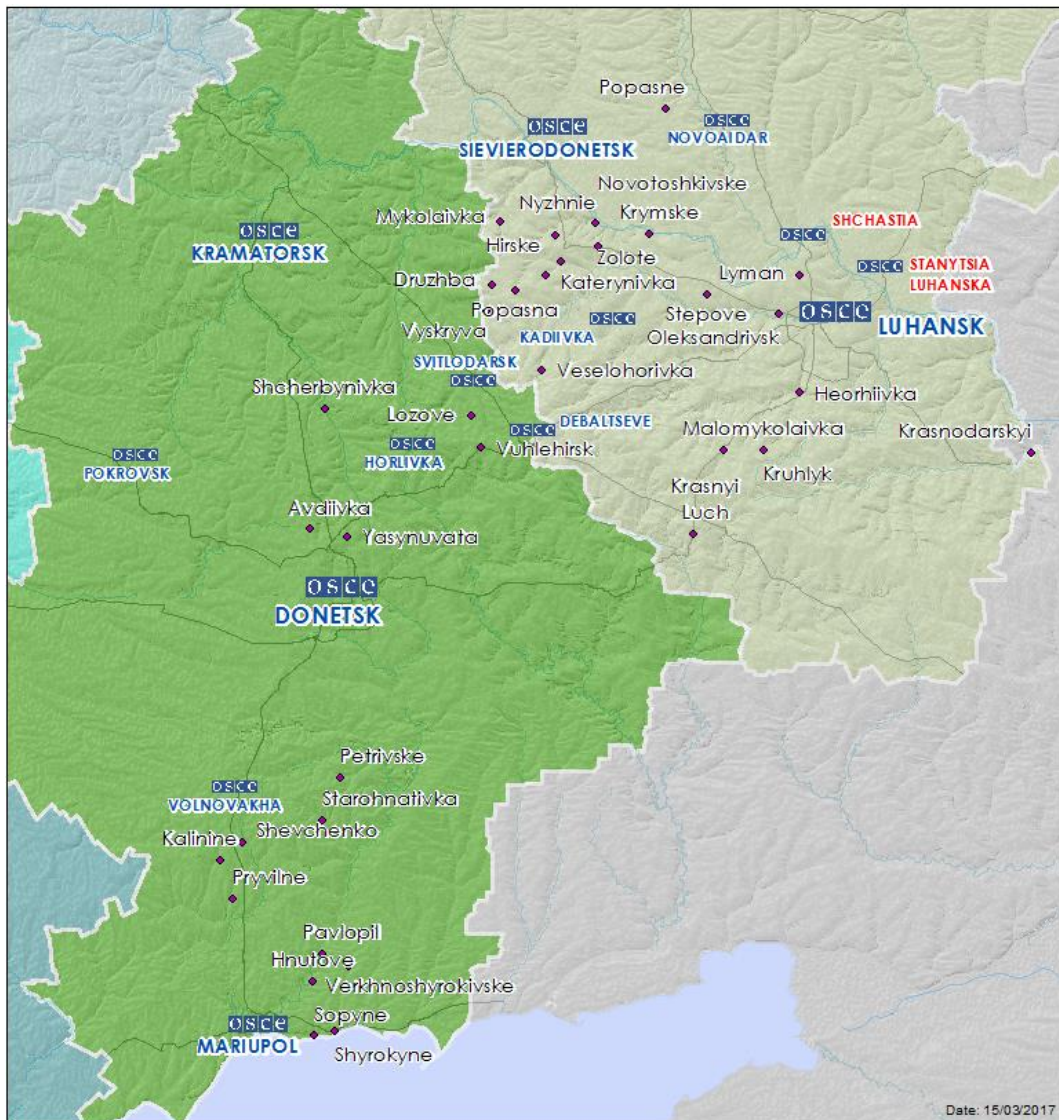
	3-5km SSE	Heard 1 undetermined explosion	N/K	14 March, 13:08
		Heard 1 undetermined explosion		14 March, 13:18
		Heard 3 undetermined explosions		14 March, 13:47
W edge of Vuhlehirsk ("DPR"-controlled, 49km NE of Donetsk)	3-5km NNE	Heard 1 undetermined explosion	N/K	14 March, 10:01
	5-7km NNE	Heard 1 undetermined explosion		14 March, 10:07
Riznykivka (government-controlled, 94km N of Donetsk)	10-15km E	Heard 7 undetermined explosions	N/K	14 March, 10:05
Sopyne (government-controlled, 16km E of Mariupol)	N/K E	Heard 1 undetermined explosion	N/K	14 March, 10:07-10:22
	N/K N	Heard 2 undetermined explosions		
	N/K NE	Heard 3 undetermined explosions		
	N/K NNE	Heard 1 undetermined explosion		
	N/K E	Heard 9 undetermined explosions	N/K	14 March, 10:33-10:51
	N/K N	Heard 3 undetermined explosions		
	N/K NE	Heard 3 undetermined explosions		
		Heard 2 shots	Small arms	
3km NE of Hnutove (government-controlled, 20km NE of Mariupol)	N/K SE	Heard 1 undetermined explosion	N/K	14 March, 10:09
	3km E	Heard 8 bursts	HMG	14 March, 12:25-12:40
	N/K WNW	Heard 1 undetermined explosion	N/K	
	N/K SSE	Heard 1 undetermined explosion		
	N/K ENE	Heard 4 undetermined explosions		
	N/K SSE	Heard 5 bursts	AGL	
	N/K ENE	Heard 13 undetermined explosions	N/K	14 March, 12:47-12:58
	N/K NE	Heard 3 undetermined explosions		14 March, 14:31-14:38
	N/K E	Heard 3 undetermined explosions		14 March, 14:51-14:59
	N/K ESE	Heard 5 undetermined explosions		
	N/K NE	Heard 4 undetermined explosions		
	N/K NNE	Heard 17 undetermined explosions		
		Heard 4 undetermined explosions		
	N/K NE	Heard 3 undetermined explosions		
N/K ESE	Heard 2 undetermined explosions			
N/K SE	Heard 3 undetermined explosions			
NE edge of Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-7km ESE	Heard 15 undetermined explosions	N/K	14 March, 10:25-10:37
		Heard 1 undetermined explosion		14 March, 10:50
Avdiivka (government-controlled, 17km N of Donetsk)	3-5km NE	Heard 3 undetermined explosions	N/K	14 March, 10:38-10:45
	2-4km S	Heard 1 undetermined explosion		14 March, 12:43
		Heard 1 undetermined explosion		14 March, 13:24
Lebedynske (government-controlled, 16km NE of Mariupol)	N/K N	Heard 2 bursts	HMG	14 March, 11:19-11:20
	N/K N	Heard 2 bursts		14 March, 11:40
W edge of Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km E	Heard 1 undetermined explosion	N/K	14 March, 11:38
		Heard 1 undetermined explosion		14 March, 11:50
Bezimenne ("DPR"-controlled, 30km E of Mariupol),	N/K W	Heard 3 undetermined explosions	N/K	14 March, 11:39-11:40
	N/K NW	Heard 7 undetermined explosions		14 March, 13:00-13:05
	N/K NNW	Heard 2 undetermined explosions		Small arms
	1-2km W	Heard 1 shot		
	N/K NW	Heard 30 shots	N/K	

Oktiabr mine (“DPR”-controlled, 9km NW of Donetsk city centre)	0.5-1km NE	Heard 1 undetermined explosion	N/K	14 March, 12:45
Pavlopil (government-controlled, 26km NE of Mariupol)	N/K E to ESE	Heard 32 undetermined explosions	N/K	14 March, 13:07-13:18
		Heard uncountable, overlapping shots	Small arms	
	N/K ESE	Heard 6 bursts	Anti-aircraft cannon (23mm)	14 March, 13:24-13:29
		Heard 4 undetermined explosions	N/K	
Khreshchatytske (formerly Krasnoarmiiske, “DPR”-controlled, 33km NE of Mariupol)	N/K W	Heard 1 undetermined explosion	N/K	14 March, 13:26
		Heard 4 bursts	Anti-aircraft cannon (23mm)	
Zaichenko (“DPR”-controlled, 26km NE of Mariupol)	N/K SSW	Heard 1 undetermined explosion	N/K	14 March, 14:02-14:03
	N/K NNE	Heard 1 undetermined explosion		
	N/K SSE	Heard 7 shots	Small arms	
Verkhnohyrokiivske (formerly Oktiabr, “DPR”-controlled, 29km NE of Mariupol)	3-4km NW	Heard 2 explosions (outgoing)	Mortar (82mm)	14 March, 14:50-14:52
	3-4km NE	Heard 2 explosions (subsequent impacts)		
	2km N	Heard 3 undetermined explosions	N/K	14 March, 14:57
SMM camera at Oktiabr mine (“DPR”-controlled, 9km NW of Donetsk city centre)	6-10 km NE	Recorded 3 undetermined explosions	N/K	14 March, 16:44-16:46
		Recorded 16 undetermined explosions		14 March, 16:45-16:53
		Recorded 5 undetermined explosions		14 March, 16:54-16:57
SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2.2km SSE	Recorded 7 shots (assessed as outside disengagement area)	Small arms	12 March, 21:21
	0.3km SSE	Recorded 1 undetermined explosion (assessed as outside disengagement area)	N/K	
	0.7km SSW	Recorded 1 explosion (outgoing) (assessed as inside disengagement area)	Mortar (120mm)	12 March, 21:25
	1.5km SSW	Recorded 1 explosion (impact) (assessed as inside disengagement area)	Mortar (82mm)	12 March, 21:26
	0.4km SSE	Recorded 1 undetermined explosion (assessed as inside disengagement area)	N/K	
	0.35km SE	Recorded 1 undetermined explosion (assessed as inside disengagement area)		
	1.7km SSW	Recorded 1 explosion (impact) (assessed as inside disengagement area)	Mortar (82mm)	12 March, 21:34
	0.3km W	Recorded 1 undetermined explosion (assessed as outside disengagement area)	N/K	12 March, 21:35
	1.7km SSW	Recorded 1 explosion (impact) (assessed as inside disengagement area)	Mortar (82mm)	12 March, 21:36
	0.69km SSE	Recorded 1 explosion (impact) (assessed as inside disengagement area)	Mortar (120mm)	12 March, 21:42
	1.7km SSE	Recorded 1 explosion (impact) (assessed as inside disengagement area)		12 March, 21:44
	0.3km W	Recorded 1 undetermined explosion (assessed as outside disengagement area)	N/K	12 March, 21:46

	1.8km S	Recorded 1 explosion (impact) (assessed as inside disengagement area)	Mortar (120mm)	12 March, 21:49
	1.2km NW	Recorded 1 explosion (impact) (assessed as outside disengagement area)	Mortar (82mm)	12 March, 21:50
	0.4km W	Recorded 1 undetermined explosion (assessed as outside disengagement area)	N/K	
	0.4km SW	Recorded 1 undetermined explosion (assessed as outside disengagement area)		12 March, 21:51
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	>4km S	Recorded 1 undetermined explosion (assessed as outside disengagement area)	Artillery (type N/K)	12 March, 21:31
Zolote-5 (“LPR”-controlled, 61km W of Luhansk)	3-5km NE	Heard 2 undetermined explosions (assessed as outside disengagement area)	N/K	14 March, 09:02
	1km NE	Heard 10 bursts (assessed as outside disengagement area)	Small arms	14 March, 09:29-09:38
Zhovte (“LPR”-controlled, 17km NW of Luhansk)	10km SSE	Heard 1 undetermined explosion	N/K	14 March, 09:20
Malomykolaivka (“LPR”-controlled, 36km SW of Luhansk)	5km ENE	Heard 4 undetermined explosions (assessed as live-fire exercise)	N/K	14 March, 09:37-09:51
		Heard 30 bursts (assessed as live-fire exercise)	HMG	
		Heard 23 shots (assessed as live-fire exercise)	Small arms	
		Heard 6 undetermined explosions (assessed as live-fire exercise)	AGL (AGS)	
Novoaidar (government-controlled, 49km NW of Luhansk)	5km E	Heard 1 undetermined explosion (assessed as live-fire exercise)	IFV (BMP-1) cannon (73mm)	14 March, 10:15
Molodizhne (“LPR”-controlled, 63km NW of Luhansk)	10km NW	Heard 5 undetermined explosions	N/K	14 March, 10:20-10:28
W edge of Zolote-4 (government-controlled, 60km NW of Luhansk)	1.5-2km SSE	Heard 1 undetermined explosion (assessed as inside disengagement area)	AGL	14 March, 10:40
Trokhizbenka (government-controlled, 32km NW of Luhansk)	5km E	Heard 5 undetermined explosions	N/K	14 March, 11:25
Slovianoserbsk (“LPR”-controlled, 28km NW of Luhansk)	15km SW	Heard 6 undetermined explosions	N/K	14 March, 11:25
		Heard 4 shots	Small arms	
Katerynivka (government-controlled, 64km W of Luhansk)	5km S	Heard 1 undetermined explosion	Artillery (type N/K)	14 March, 11:25
1km E of Popasna (government-controlled, 69km W of Luhansk)	5-10km SE	Heard 2 undetermined explosions	N/K	14 March, 11:39-11:52
	2-3km S	Heard 1 undetermined explosion		14 March, 13:08
	7-10km S	Heard 1 undetermined explosion		14 March, 13:15
Novooleksandrivka (65km W of Luhansk)	10km S	Heard 1 undetermined explosion	N/K	14 March, 11:46
	3-10km SSE	Heard 9 undetermined explosions		Small arms
			Heard 50 bursts	
E edge of Stepove (“LPR”-controlled, 27km W of Luhansk)	10km ESE	Heard 7 undetermined explosions	N/K	14 March, 12:46
Popasne (government-	5km SE	Heard 11 undetermined explosions	N/K	14 March, 13:05-13:35

controlled, 60km NW of Luhansk)				
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## 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.)