

Table of ceasefire violations as of 24 November 2016¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time		
Park Inn Hotel (“DPR”-controlled, Donetsk city centre)	7-9 km NNW	Heard 10 undetermined explosions	N/K	23 November, 18:50-19:53		
		Heard 56 undetermined explosions		23 November, 20:19-21:23		
	8-10 km SSW	Heard 95 undetermined explosion		23 November, 21:35-21:55		
		Heard 35 undetermined explosions		23 November, 22:02-22:43		
		Heard 4 undetermined explosions		23 November, 23:50-23:51		
		Heard 6 undetermined explosions		24 November, 00:16-00:19		
		Heard 1 undetermined explosion		24 November, 03:25		
		Heard 2 undetermined explosions		24 November, 04:00		
	SMM camera at Oktiabr mine (“DPR”-controlled, 9km NW of Donetsk city centre)	6-8 km NE		Recorded 12 tracers in flight from N to S	N/K	23 November, 18:25
				Recorded 1 tracer in flight from N to S		23 November, 18:40
Recorded 8 tracers in flight from N to S			23 November, 18:55			
Recorded 1 illumination flare			23 November, 19:50			
Recorded 4 tracers in flight from S to N			23 November, 20:43			
Recorded 6 tracers in flight from S to N			23 November, 20:47			
Recorded 2 tracers in flight from S to N			23 November, 20:52			
Recorded 1 undetermined explosion			23 November, 20:52			
Recorded 15 tracers in flight from S to N			23 November, 21:45-21:47			
Recorded 2 tracers in flight from N to S			24 November, 00:36			
Recorded 1 tracer in flight from N to S			24 November, 00:39			
Recorded 3 tracers in flight from S to N			24 November, 00:40			
Recorded 1 tracer in flight from N to S			24 November, 00:57			
Recorded 2 tracers in flight from N to S			24 November, 01:05			
Recorded 1 tracer in flight from N to S			24 November, 01:10			
Recorded 1 illumination flare			24 November, 02:13			
Recorded 1 illumination flare			24 November, 02:22			
Recorded 1 illumination flare			24 November, 02:46			
Recorded 1 illumination flare			24 November, 03:05			
Svitlodarsk (government-controlled, 57km NE of Donetsk)	1.5-3km SSE	Heard 33 bursts	HMG	23 November, 18:30-24:00		
	4-5km SSE	Heard 70 explosions (impacts)	Artillery			

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.

SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4 km ESE	Recorded 3 tracers in flight from N to S	(122mm)	23 November, 18:41	
	3-6 km ESE	Recorded 1 tracer in flight from N to S		23 November, 18:44	
	4-6 km SE	Recorded 1 illumination flare		23 November, 19:22	
		Recorded 1 undetermined explosion		23 November, 19:27	
		Recorded 1 airburst		23 November, 19:37	
		Recorded 1 tracer in flight from N to S		23 November, 19:38	
		Recorded 1 tracer in flight from N to S		23 November, 19:48	
		Recorded 1 tracer in flight from N to S	N/K	23 November, 19:50	
		Recorded 1 tracer in flight from N to S		23 November, 19:50	
		Recorded 3 tracers in flight from N to S		23 November, 19:52	
		Recorded 1 illumination flare		23 November, 20:37	
		Recorded 5 tracers in flight from N to S		23 November, 20:54	
		Recorded 4 tracers in flight from S to N		23 November, 20:54	
		Recorded 2 tracers in flight from S to N		23 November, 20:55	
		3-4 km SE	Recorded 3 undetermined explosions		23 November, 20:59
	Recorded 1 illumination flare			23 November, 21:02	
	Recorded 1 undetermined explosion			23 November, 21:03	
	Recorded 1 illumination flare			23 November, 21:04	
	Recorded 1 illumination flare			23 November, 21:21	
	Recorded 1 undetermined explosion			23 November, 21:21	
	4-5 km SE	Recorded 1 illumination flare		23 November, 21:30	
		Recorded 1 undetermined explosion		23 November, 21:41	
		Recorded 10 tracers in flight from N to S		23 November, 21:44-21:46	
		Recorded 4 undetermined explosions		23 November, 21:46	
		Recorded 1 undetermined explosion	N/K	23 November, 21:51	
		Recorded 1 undetermined explosion		23 November, 22:05	
		Recorded 1 undetermined explosion		23 November, 22:10	
		Recorded 1 tracers in flight from E to W		23 November, 23:51	
	3-4 km SSE	Recorded 1 tracer in flight from N to S		24 November, 01:24	
		Recorded 1 air burst		24 November, 13:10	
		Recorded 8 tracers in flight from N to S		24 November, 13:38	
		Recorded 2 tracers in flight from S to N		24 November, 13:38	
		Recorded 2 airbursts		24 November, 14:59	
		Recorded 4 undetermined explosion		24 November, 15:00-5:11	
	Eastern edge of Donetsk city ("DPR"-controlled)	2-3km SW (assessed as a training area outside the security	Heard uncountable overlapping bursts and single shots	Small arms	24 November, 09:34-09:38
			Heard uncountable overlapping bursts and single shots		24 November, 09:44-09:55
			Heard uncountable overlapping		24 November, 09:58-10:05

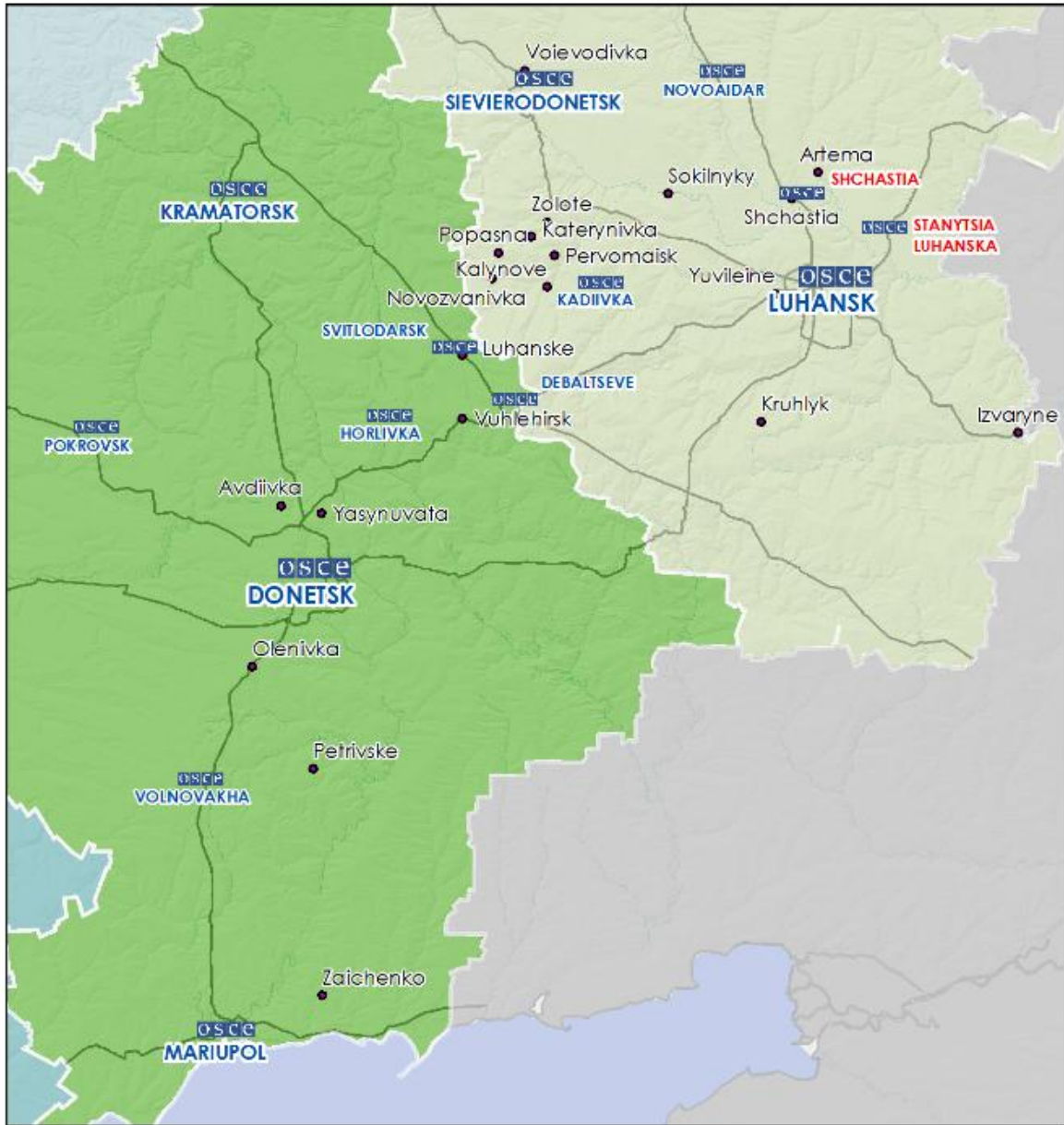
	zone)	bursts and single shots		
		Heard uncountable overlapping bursts and single shots		24 November, 10:07-10:13
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	3-5km W	Heard 1 undetermined explosion	N/K	24 November, 09:35
	5-8km SSW	Heard 3 undetermined explosions		24 November, 11:39-11:42
	5-8km W	Heard 1 burst (20-30 shots)	HMG	24 November, 11:48
	8-10 WNW	Heard 2 undetermined explosions		24 November, 11:49-11:50
	5-8km SSW	Heard 2 undetermined explosions	N/K	24 November, 11:53-11:54
	2-3km W	Heard 2 explosions (outgoing)		24 November, 12:20
		Heard 6 shots		24 November, 12:35
		Heard 38 shots	Small arms	24 November, 12:40-12:45
		Heard 1 burst		
		Heard 4 shots		24 November, 12:51
		Heard 5 bursts	HMG	
	3-4km WNW	Heard 2 undetermined explosions	N/K	24 November, 12:53
	2-3km W	Heard 10 shots		24 November, 12:56
		Heard 4 bursts	Small arms	24 November, 12:58
		Heard 18 shots		
	3-4km W	Heard 2 undetermined explosions	N/K	24 November, 13:01
	2-3km W	Heard 6 shots	Small arms	24 November, 13:02
	2-3km W	Heard 2 explosions (outgoing)	N/K	
	1-3km W	Heard 1 explosion (outgoing)	Tank (N/K version)	24 November, 13:07
	2-3km W	Heard 10 shots	Small arms	24 November, 13:08
	1-3km W	Heard 2 explosions (outgoing)	Tank (N/K version)	24 November, 13:09-13:10
	2-3km W	Heard 36 shots	Small arms	24 November, 13:11-13:15
	2-3km W	Heard 3 explosions (outgoing)		24 November, 13:21
	3-5km N	Heard 2 undetermined explosions	N/K	24 November, 13:23
	2-3km W	Heard 2 explosions (outgoing)		24 November, 13:26
		Heard 1 burst	HMG	24 November, 13:27
	3-5km N	Heard 1 undetermined explosion	N/K	24 November, 13:28
	2-3km W	Heard 2 bursts (10-20 shots)	HMG	24 November, 13:29
		Heard 1 undetermined explosion		24 November, 13:30
		Heard 1 undetermined explosion	N/K	24 November, 13:31
Heard 1 undetermined explosion			24 November, 13:33	
Heard 1 undetermined explosion			24 November, 13:35	
3km WSW	Heard 20 burst	Small arms	24 November, 13:40	
	Heard 8 burst			
	Heard 1 undetermined explosion	N/K	24 November, 13:43	
3km WSW	Heard 12 shots		24 November, 13:44	
	Heard 10 shots	Small arms		
3-5km NW	Heard 2 undetermined explosions	N/K	24 November, 13:45	
2-3km WSW	Heard 7 shots	Small arms	24 November, 13:50-13:54	
	Heard 4 undetermined explosions	N/K	24 November, 13:54-13:55	
2-3km WSW	Heard 11 shots	Small arms	24 November, 13:56-13:57	
8km WSW	Heard 1 undetermined explosion	N/K	24 November, 13:58	

	2km WSW	Heard 1 explosion (impact)		
	8-10km WSW	Heard 3 undetermined explosions		24 November, 13:59
	2-3km WSW	Heard 3 burst	HMG	
		Heard 14 shots	Small arms	
		Heard uncountable overlapping bursts and single shots		
		Heard 1 undetermined explosion	N/K	24 November, 14:00
	1-2km WSW	Heard 1 burst	HMG	
	3-4km W	Heard 4 undetermined explosion	N/K	24 November, 14:02
	2-3km W	Heard 13 shots	Small arms	
		Heard 7 bursts		
	3-4km W	Heard 3 bursts	HMG	24 November, 14:06
		Heard 4 bursts	Small arms	
		Heard 11 undetermined explosion	N/K	24 November, 14:09
		Heard 1 undetermined explosion		24 November, 14:11
		Heard 1 burst	HMG	
		Heard 4 undetermined explosion	N/K	24 November, 14:16
		Heard 12 undetermined explosion		24 November, 14:19
		Heard 35 bursts	HMG	
		Heard 6 undetermined explosion	N/K	24 November, 14:21
	Heard 5 undetermined explosion	24 November, 14:25		
Hranitne (government-controlled, 60km S of Donetsk)	N/K W	Heard 3 undetermined explosions	N/K	24 November, 11:13
2.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	N/K ESE	Heard at least 30 bursts	Small arms	24 November, 11:15-12:00
		Heard 2 undetermined explosions		
Sopyne (government-controlled, 16km E of Mariupol)	9km ESE	Heard 2 undetermined explosions		24 November, 12:25-12:30
	400-500m SW (over the Sea surface)	Heard and saw 2 explosions (assessed as Sea mines explosions)	N/K	
	N/K NE	Heard 1 undetermined explosion		
400-500m SW (over the Sea surface)	Heard and saw 2 explosions (assessed as Sea mines explosions)			24 November, 12:40-12:45
Verkhnohyrokiivske (formerly Oktiabr, "DPR"-controlled, 29km NE of Mariupol)	N/K S	Heard 5 undetermined explosions		24 November, 12:40
2-3km NE of Zaichenko ("DPR"-controlled, 26km NE of Mariupol)	N/K SW	Heard 15 undetermined explosions	N/K	24 November, 13:00-13:16
		Heard 45 undetermined explosions		24 November, 13:30-13:45
		Heard 10 undetermined explosions		24 November, 13:17-13:20
		Heard 1 burst	HMG	
400m N of Zaichenko ("DPR"-controlled, 26 Km NE of Mariupol)	N/K WNW	Heard 3 undetermined explosions	N/K	24 November, 13:26 – 13:27
		Heard 1 explosion (outgoing)		
Avdiivka (government-controlled, 17km N of	3-5km SE	Heard 4 undetermined explosions	N/K	24 November, 13:01-13:06

Donetsk)	2-3km SE	Heard 5 bursts	HMG	24 November, 13:07
		Heard 1 shot	AGL	24 November, 13:10
	3-4km SE	Heard 1 undetermined explosion	N/K	24 November, 13:26
		Heard 1 undetermined explosion		24 November, 13:32
		Heard 1 explosion (outgoing)		24 November, 13:44
	2-3km SE	Heard 7 single shots	Small arms	24 November, 13:45
	3-4km SE	Heard 3 explosions (outgoing)	Mortar (120mm)	24 November, 13:59
		Heard 1 undetermined explosion	N/K	24 November, 14:00
		Heard 1 undetermined explosion		24 November, 14:03
	2-3km SE	Heard 6 explosions (outgoing)	Mortar (120mm)	24 November, 13:59
	3-4km SE	Heard 1 undetermined explosion	N/K	24 November, 14:00
		Heard 3 undetermined explosions		24 November, 14:03
	2-3km SE	Heard 6 explosions (outgoing)	Mortar (120mm)	24 November, 14:10
	3-4km SE	Heard 1 undetermined explosion	N/K	24 November, 14:20
		Heard 1 undetermined explosion		24 November, 14:17
		Heard 20 bursts	HMG	24 November, 14:20
	4-6km SE	Heard 3 undetermined explosion	N/K	24 November, 14:22
2-3km SE	Heard 40 single shots	HMG	24 November, 14:25	
3-4km SE	Heard 6 explosions (impact)	N/K	24 November, 14:29	
	Heard 2 explosions (outgoing)	Mortar (82mm)	24 November, 14:30	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	1.5-3km SE	Heard 14 bursts	HMG	24 November, 14:20-17:03
		Heard 21 shots	AGL	
		Heard 8 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	
3km NE of Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	10-12km NNW	Heard 23 undetermined explosions	N/K	24 November, 15:00-15:10
	2-3km WSW	Heard 7 undetermined explosions		
	2-3km W	Heard 7 shots	Small arms	24 November, 15:10-15:15
	2-3km WSW	Heard 7 bursts	HMG	24 November, 15:15-15:30
	3-5km WSW	Heard 10 undetermined explosions	N/K	
	9-10km N	Heard 2 undetermined explosions		
		Heard 2 bursts	HMG	
Zolote-5 ("LPR"-controlled, 61km NW of Luhansk)	500m NNE	Heard 1 shot	Small arms	24 November, 09:00-09:02
	+10km NNE	Heard 1 undetermined explosion	N/K	
Kalynove ("LPR"-controlled, 60km W of Luhansk)	5-10km NW	Heard 17 explosions (17 impacts)	N/K	24 November, 09:33-09:45
		Heard 18 explosions (outgoing)		
		Heard multiple bursts	HMG	
Popasna (government-controlled, 69km W of Luhansk)	5-8km SE	Heard multiple undetermined explosions	N/K, IFV(BMP-1) cannon(73mm)	24 November,09:41-11:45
		Heard multiple bursts	HMG	
		Heard multiple shots	Small arms	
	2-5km W	Heard 3 undetermined explosions	N/K	24 November, 11:40-11:4

		Heard multiple bursts	HMG	
2km NE of Sentianivka (formerly Frunze, "LPR"-controlled, 44km W of Luhansk)	+10km SW	Heard 1 undetermined explosion	N/K	24 November, 10:06
	+10km W	Heard 1 undetermined explosion	N/K	
2km SW of Molodizhne ("LPR"-controlled, 63km NW of Luhansk)	+10km ENE	Heard 3 undetermined explosions	N/K	24 November, 10:09-10:34
	4km S	Heard 16 undetermined explosions	82mm mortar	
		Heard 3 bursts	HMG	
Katerynivka (government-controlled, 64km W of Luhansk)	4-6km SW	Heard 19 undetermined explosions	IFV (BMP-1) cannon (73mm), under barrel grenade launcher	24 November, 10:09-10:22
		Heard multiple bursts	HMG	
Veselohorivka ("LPR"-controlled, 64km W of Luhansk)	+5km SW	Heard 1 undetermined explosion	N/K	24 November, 10:52
Novooleksandrivka (65km W of Luhansk)	1km NE	Heard 4 shots	Small arms	24 November, 11:08
	200m N	Heard 1 undetermined explosion	N/K	24 November, 11:36
	N/K	Heard 1 undetermined explosion	N/K	24 November, 11:36
Zolote (government-controlled, 60km W of Luhansk)	3-4km E	Heard 1 undetermined explosion	N/K	24 November, 11:28-11:40
	10km SW	Heard 2 undetermined explosions		
Sokilnyky ("LPR"-controlled, 38km NW of Luhansk)	5-6km S/SW	Heard 8 explosions (outgoing)	Mortar (120mm)	24 November, 12:02-12:33
Znamianka ("LPR"-controlled, 36km NW of Luhansk)	8-10km W/SW	Heard 3 undetermined explosions	N/K (probably artillery)	24 November, 12:47-12:52
350m S of the UAF checkpoint in Zolote (government-controlled, 60km W of Luhansk)	5-8km SW	Heard 5 undetermined explosions	N/K	24 November, 12:15-12:51
Dmytrivka (government-controlled, 43km N of Luhansk)	500m N	Heard 20 single shots	Small arms	24 November, 12:55

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.)