

Table of ceasefire violations as of 15 March 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time		
Donetsk city centre (“DPR”-controlled)	8-10km NW	Heard 1 undetermined explosion	N/K	14 March, 22:11		
		Heard 1 undetermined explosion		14 March, 22:20		
		Heard 3 undetermined explosions		14 March, 22:31		
		Heard 5 undetermined explosions		14 March, 22:40		
		Heard 2 undetermined explosions		14 March, 22:54-22:56		
		Heard 4 undetermined explosions		14 March, 23:05-23:06		
		Heard 1 undetermined explosion		14 March, 23:11		
		Heard 10 undetermined explosions		14 March, 23:34-23:41		
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	5-7km SE	Recorded 1 illumination flare in vertical flight	N/K	14 March, 19:26		
		Recorded 1 undetermined explosion		14 March, 19:46		
	5-7km ENE	Recorded 1 illumination flare in vertical flight		14 March, 19:49		
	3-4km SE	Recorded 1 undetermined explosion		15 March, 11:34		
		Recorded 1 undetermined explosion		15 March, 12:00		
		Recorded 1 undetermined explosion		15 March, 12:11		
	4-6km SSE	Recorded 4 undetermined explosions		15 March, 16:09-16:11		
		Recorded 4 undetermined explosions		15 March, 16:13-16:14		
		Recorded 2 undetermined explosions		15 March, 16:16		
		Recorded 1 airburst		15 March, 16:17		
		Recorded 1 undetermined explosion		15 March, 16:19		
		Recorded 1 airburst		15 March, 16:22		
		Recorded 1 airburst		15 March, 16:26		
		Recorded 1 undetermined explosion		15 March, 16:40		
	SMM camera at Oktiabr mine” (9km NW of Donetsk city centre)	4-7km NW		Recorded 1 illumination flare	N/K	15 March, 01:48
		8-12km NE		Recorded 1 undetermined explosion		15 March, 02:58
Recorded 1 projectile from NE to SW			15 March, 03:00			
Recorded 1 undetermined explosion			15 March, 04:14			
Recorded 2 projectiles from SW to NE			15 March, 05:00			
Recorded 1 undetermined explosion			15 March, 05:04			
Recorded 1 undetermined explosion			15 March, 05:07			
Recorded 160 tracer rounds from W to E			15 March, 05:07-05:11			
Recorded 20 tracer rounds from E to W			15 March, 05:12			
Recorded 25 tracer rounds from W to E			15 March, 05:14-05:16			
Recorded 2 undetermined explosions			15 March, 05:22			
Recorded 1 undetermined explosion		15 March, 05:55				
4-6km NNE		Recorded 1 undetermined explosion	15 March, 12:40			
		Recorded 1 undetermined explosion	15 March, 12:43			
2-3km NNE		Recorded 1 undetermined explosion	15 March, 15:03			

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.

		Recorded 1 undetermined explosion		15 March, 15:05
		Recorded 1 undetermined explosion		15 March, 15:06
		Recorded 3 undetermined explosions		15 March, 15:07
		Recorded 1 undetermined explosion		15 March, 15:08
		Recorded 1 undetermined explosion		15 March, 15:09
	6-8km NE	Recorded 1 undetermined explosion		15 March, 16:01
		Recorded 1 undetermined explosion		15 March, 16:02
		Recorded 1 undetermined explosion		15 March, 16:04
		Recorded 2 undetermined explosions		15 March, 16:05
		Recorded 2 undetermined explosions		15 March, 16:06
		Recorded 7 undetermined explosions		15 March, 16:07
		Recorded 9 undetermined explosions		15 March, 16:09
		Recorded 4 undetermined explosions		15 March, 16:11
		Recorded 2 undetermined explosions		15 March, 16:12
		Recorded 2 undetermined explosions		15 March, 16:13
		Recorded 2 undetermined explosions		15 March, 16:15
		Recorded 1 undetermined explosion		15 March, 16:19
		Recorded 1 undetermined explosion		15 March, 16:20
		Recorded 1 undetermined explosion		15 March, 16:21
		Recorded 1 undetermined explosion		15 March, 16:23
		Recorded 1 undetermined explosion		15 March, 16:26
		Recorded 2 undetermined explosions		15 March, 16:30
		Recorded 2 undetermined explosions		15 March, 16:31
		Recorded 1 undetermined explosion		15 March, 16:32
		Recorded 1 undetermined explosion		15 March, 16:33
		Recorded 1 undetermined explosion		15 March, 16:34
		Recorded 1 undetermined explosion		15 March, 16:39
		Recorded 1 undetermined explosion		15 March, 16:48
	2-3km NNE	Recorded 3 undetermined explosions		15 March, 17:01
		Recorded 1 undetermined explosion		15 March, 17:03
		Recorded 4 undetermined explosions		15 March, 17:04
		Recorded 3 undetermined explosions		15 March, 17:05
Recorded 1 undetermined explosion		15 March, 17:08		
Recorded 1 undetermined explosion		15 March, 17:09		
6-8km NE	Recorded 1 undetermined explosion	15 March, 17:20		
	Recorded 2 projectiles from S to N	15 March, 18:02		
Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard 11 undetermined explosions	N/K	15 March, 11:47-12:00
		Heard 11 undetermined explosions		15 March, 12:00-12:30
		Heard 5 undetermined explosions		15 March, 12:30-13:00
		Heard 1 undetermined explosion		15 March, 13:58
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	5-10km SW	Heard 10 undetermined explosions	N/K	15 March, 10:44-10:45
	4-8km SW	Heard 1 undetermined explosion		15 March, 11:34
	4-8km SW	Heard 10 undetermined explosions		15 March, 11:52-11:56
	8-10km W	Heard 5 undetermined explosions		15 March, 12:10
	5-8km SW	Heard 1 burst	AGL	15 March, 14:17
	8-10km W	Heard 2 undetermined explosions	N/K	15 March, 14:27
	4-5km SW	Heard 10 explosions (outgoing)	Mortar (2B9 Vasilek) (82mm)	15 March, 14:36
	1-2km SW	Heard 10 subsequent explosions (impacts)		
	5-7km W	Heard 3 undetermined explosions	N/K	15 March, 14:42
	4-5km SW	Heard 21 explosions (outgoing)	Mortar (2B9 Vasilek) (82mm)	15 March, 14:53
	1-2km SW	Heard 21 subsequent explosions (impacts)		
8-10km W	Heard 10 undetermined explosions	N/K	15 March, 15:06-15:08	
1-2km SE of Zernove	6-8km S	Heard 1 undetermined explosion	N/K	15 March, 10:33

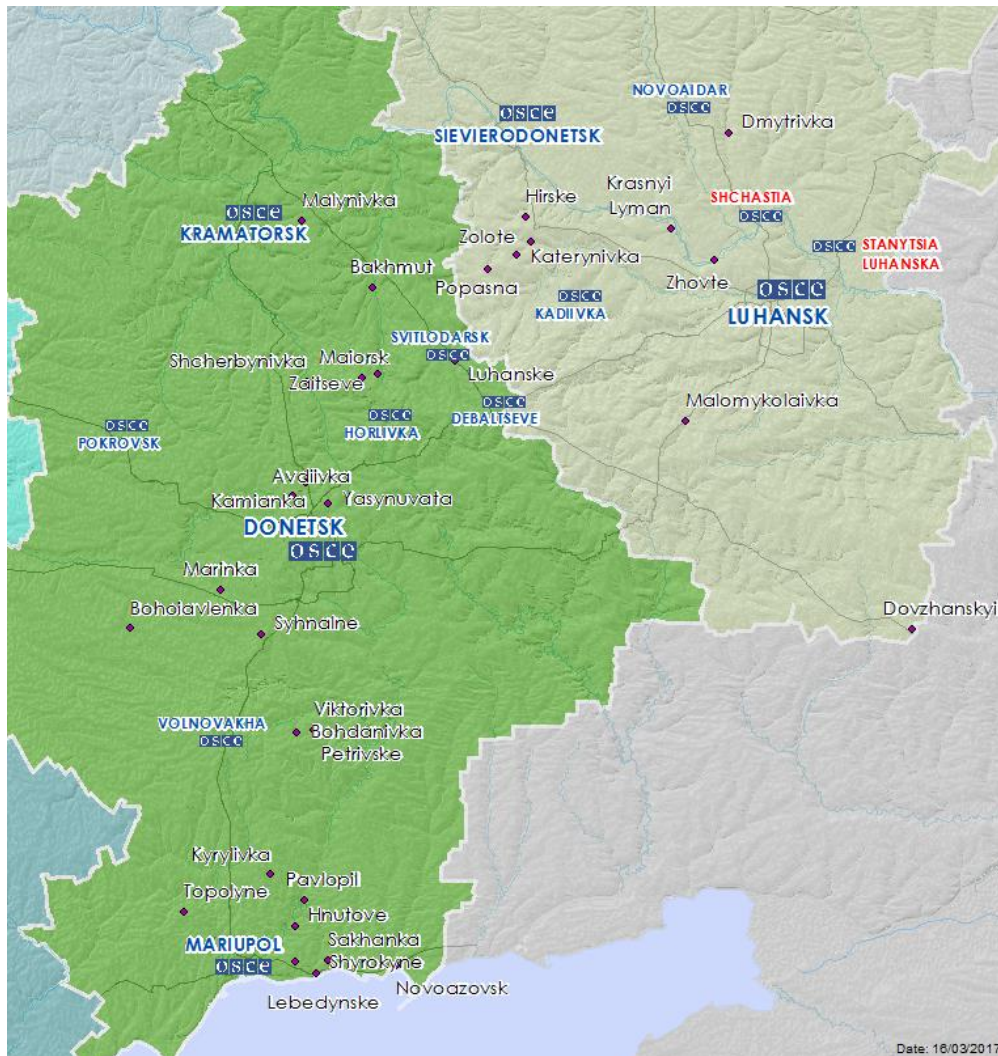
("DPR"-controlled, 35km south of Donetsk)				
SMM camera at Shyrokyne (20km E of Mariupol)	N/K NNE	Recorded 1 rocket-assisted projectile from SE to NW	N/K	14 March, 18:41
		Recorded 3 tracer rounds from E to W		14 March, 18:52
		Recorded 2 rocket-assisted projectiles from E to W		14 March, 19:07
		Recorded 2 rocket-assisted projectiles from E to W		14 March, 19:13
		Recorded 1 rocket-assisted projectile from E to W		14 March, 19:38
	N/K N	Recorded 1 tracer round from W to E		14 March, 19:54
		Recorded 9 rocket-assisted projectiles from W to E		14 March, 19:57-20:01
		Recorded 3 tracer rounds from W to E		14 March, 20:04-20:05
		Recorded 1 tracer round from W to E		14 March, 20:09
		Recorded 6 tracer rounds from W to E		14 March, 21:00
		Recorded 1 rocket-assisted projectile from W to E		14 March, 21:09-21:11
		Recorded 1 rocket-assisted projectile from E to W		
		Recorded 1 illumination flare from E to W		14 March, 21:13
		Recorded 1 undetermined explosion		
		Recorded 1 tracer round from W to E		14 March, 21:25-21:26
		Recorded 1 illumination flare from E to W		14 March, 21:27-21:29
		Recorded 2 tracer rounds from W to E		
		Recorded 2 tracer rounds from E to W		14 March, 21:30-21:32
		Recorded 6 tracer rounds from W to E		
		Recorded 2 tracer rounds from W to E		14 March, 21:33
	Recorded 36 tracer rounds from E to W			
	N/K N	Recorded 1 tracer round from S to N		14 March, 21:36
		Recorded 60 tracer rounds from E to W		14 March, 21:41
		Recorded 1 undetermined explosion		14 March, 21:45
		Recorded 1 undetermined explosion		14 March, 21:48
		Recorded 1 rocket-assisted projectile from E to W		14 March, 21:49
		Recorded 1 tracer round from W to E		14 March, 21:54
		Recorded 20 tracer rounds from E to W		14 March, 22:14-22:15
		Recorded 18 tracer rounds from E to W		14 March, 22:16
		Recorded 1 illumination flare from W to E		14 March, 22:20
		Recorded 1 illumination flare from E to W		15 March, 00:16
		Recorded 3 tracer rounds from E to W		15 March, 00:17
		N/K NNE		Recorded 1 tracer round from WNW to ESE
Recorded 1 tracer round from WNW to ESE			15 March, 00:22	
Recorded 6 tracer rounds from WNW to ESE	15 March, 00.23			
Recorded 1 tracer round from WNW to ESE	15 March, 00.26			
Recorded 1 tracer round from WNW to ESE	15 March, 01.38			
Recorded 1 tracer round from WNW to ESE	15 March, 10:20			
Recorded 2 tracer rounds from ESE to WNW				
3km NE of Hnutove	2km ESE	Heard 1 explosion (impact)	N/K	

(government-controlled, 20km NE of Mariupol)	3-4km ESE	Heard 5 explosions (impacts)		15 March, 10:20-10:45
	3-5km ESE	Heard 2 explosions (impacts)		15 March, 10:55-11:05
		Heard uncountable overlapping bursts	Small arms	
	2-4km SE	Heard 1 undetermined explosion		15 March, 11:32
	3-5km W	Heard 15 explosions (outgoing)	N/K	15 March, 12:50-13:10
	3-5km NE	Heard 7 undetermined explosions		
N/K E	Heard 10 bursts	Small arms		
SW edge of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NE	Heard 2 undetermined explosions	N/K	15 March, 10:33
		Heard 1 burst	Small arms	
3km NW of Lebedynske (government controlled, 16km NE of Mariupol)	4-5km NE	Heard 22 undetermined explosions	N/K	15 March, 13:25-13:35
SW edge of Shyrokyne (20km E of Mariupol)	N/K NE	Heard 3 undetermined explosions	N/K	15 March, 12:13
Bohdanivka (government controlled, 41km SW of Donetsk)	N/K NNE	Heard 6 explosions (outgoing)	Mortar (type N/K)	15 March, 11:38-12:20
		Heard 7 explosions (impacts)		
SE edge of Pavlopil (government-controlled, 26km NE of Mariupol)	4-6km SE	Heard 3 explosions (outgoing)	N/K	15 March, 11:36-11:42
	N/K E	Heard 3 subsequent explosions (impacts)		15 March, 12:38-12:40
	2-4km E	Heard 2 undetermined explosions		
2.2km S of Sakhanka ("DPR"-controlled, 24km NE of Mariupol)	8-10km NW	Heard 7 explosions (outgoing)	Artillery (type N/K)	15 March, 12:36-12:45
	8-10km N	Heard 7 subsequent explosions (impacts)		
	8-10km WNW	Heard 15 explosions (outgoing)		
	8-10km N	Heard 15 bursts	Small arms	15 March, 12:45-13:04
SW edge of Kyrylivka (government-controlled, 26km NE of Mariupol)	5-10km S	Heard 11 undetermined explosions	N/K	15 March, 12:39-12:45
		Heard 11 undetermined explosions		15 March, 12:50-13:10
	5-10km SSE	Heard 9 undetermined explosions		15 March, 13:10-13:20
	5-10km SSW	Heard 9 undetermined explosions		
Mariupol (government-controlled, 102km S of Donetsk)	N/K E	Heard 7 undetermined explosions	N/K	15 March, 17:02
11km NE of Mariupol city centre	5-6km NW	Heard 10 explosions (outgoing)	N/K	15 March, 13:04-13:15
	5-6km NE	Heard 15 explosions (impacts)		
	5-7km NE	Heard 11 undetermined explosions	Artillery (type N/K)	15 March, 13:15-13:35
W edge of Verkhnoшыrokivske (formerly Oktiabr, "DPR"-controlled, 29km NE of Mariupol)	2-3km N	Heard 6 explosions (outgoing)	N/K	15 March, 15:00-15:30
1km N of Pyshchevyk (government controlled, 25km NE of Mariupol)	4-6km N	Heard 5 explosions	N/K	15 March, 15:09-15:30
	2-5km E	Heard 2 explosions		
	4-6km E	Heard 7 bursts	HMG	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-8km SE	Heard 3 undetermined explosions	N/K	14 March, 18:02-18:05
		Heard 6 explosions (outgoing)	Mortar (82mm)	14 March, 18:07-18:10
	4-7km ESE	Heard unaccountable overlapping bursts and shots	Anti-aircraft cannon (ZU-23, 23mm),	14 March, 18:23-18:38
	4-7km SE	Heard unaccountable overlapping	HMG and AGL	

		bursts and shots		
	5-8km SE	Heard 2 undetermined explosions	N/K	14 March, 19:05
	4-7km ESE	Heard unaccountable overlapping bursts and shots	Anti-aircraft cannon (ZU-23, 23mm), HMG and AGL	14 March, 19:13-19:27
	5-8km SE	Heard 2 undetermined explosions	N/K	14 March, 19:24
		Heard 1 undetermined explosion		14 March, 19:28
	4-7km E	Heard 17 bursts	Anti-aircraft cannon (ZU-23, 23mm)	14 March, 19:57-20:04
	3-4km ESE	Heard 30 undetermined explosions	Artillery (type N/K)	14 March, 20:45-20:52
	7-12km NE	Heard 5 undetermined explosions		14 March, 21:04-21:08
	7-12km E	Heard 5 undetermined explosions		
	7-12km SE	Heard 6 undetermined explosions		14 March, 21:11-21:21
	7-12km NE	Heard 12 undetermined explosions		
	7-12km E	Heard 12 undetermined explosions		
	7-12km SE	Heard 13 undetermined explosions		14 March, 21:27-21:42
	4-8km ESE	Heard 16 undetermined explosions		
	7-12km ENE	Heard 25 undetermined explosions		14 March, 21:45-21:51
	7-12km E	Heard 1 undetermined explosion		14 March, 21:59
	3-4km E	Heard 11 explosions (outgoing)		14 March, 21:10-22:24
	5-7km SE	Heard 8 explosions (outgoing)		
	4-5km N	Heard 42 explosions (outgoing)		14 March, 23:23-23:32
	10-12km SE	Heard 42 subsequent explosion (impacts)		
	10-12km SE	Heard 30 explosions (outgoing)		Artillery (type N/K)
	2-3km E	Heard 29 explosions (impacts)		
	5-10km NE	Heard 14 undetermined explosions	N/K	15 March, 00:02-00:06
	2-3km E	Heard 6 explosion (impacts)	Artillery (type N/K)	15 March, 00:08-00:10
	5-7km N	Heard 17 explosions (outgoing)		15 March, 00:11-00:13
	10-12km SE	Heard 17 explosions (impacts)		15 March, 00:17-00:18
	7-8km SE	Heard 2 undetermined explosions		
	3-4km E	Heard 2 undetermined explosions		
	4-6km SE	Heard 4 bursts	HMG	15 March, 08:08-08:09
	3-6km SE	Heard 1 undetermined explosion	N/K	15 March, 17:10
		Heard 2 undetermined explosions		15 March, 17:20
Kamianka (government-controlled, 20km N of Donetsk)	5-7km S	Heard 8 undetermined explosions	N/K	15 March, 08:05
	3-4km E	Heard 2 bursts	HMG	15 March, 08:15
	5-7km S	Heard 3 undetermined explosions	N/K	15 March, 08:45
	5-7km SSE	Heard 6 undetermined explosions		15 March, 10:37-10:45
	5-7km S	Heard 1 explosion (impact)		15 March, 11:32
Maiorsk (government-controlled, 44km NE of Donetsk)	2-3km SE	Heard 2 shots	Small arms	15 March, 11:40
		Heard 2 bursts		15 March, 12:15
Vasiukivka (government-controlled, 82km N of Donetsk)	3-6km NE	Heard 4 explosions (outgoing)	N/K	15 March, 12:05
SMM camera in Zolote (government-controlled 60km NW of Luhansk)	3km E	Recorded 1 undetermined explosion (outside the disengagement area)	Artillery or mortar (calibre N/K)	13 March, 18:29
	1.5km ESE	Recorded 5 flashes (outside the disengagement area)		13 March, 19:05
	3km E	Recorded 5 distance flashes (outside the disengagement area)		13 March, 19:28
	1.5km ESE	Recorded 5 flashes (outside the disengagement area)		13 March, 21:59
SMM camera in Stanytsia Luhanska	1km SSE	Recorded 8 shots (inside the disengagement area)	Small arms	13 March, 22:26

(government-controlled, 16km NE of Luhansk)				
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	10km W	Heard 7 undetermined explosions	N/K	14 March, 19:32
	10km SW	Heard 19 undetermined explosions		14 March, 19:47-20:15
	10km W	Heard 23 undetermined explosions		14 March, 21:30-21:40
		Heard 40 explosions (impacts)	MLRS (BM-21 Grad)	14 March, 23:25-23:36
Malomykolaivka ("LPR"-controlled, 36km SW of Luhansk)	10km NNE	Heard 6 undetermined explosions (assessed as live-fire exercise)	N/K	15 March, 09:00
Zhovte (LPR"-controlled, 17km NW of Luhansk)	5km NNE	Heard 5 undetermined explosions	N/K	15 March, 09:15
Kruta Hora ("LPR"-controlled, 16km NW of Luhansk)	N/K	Heard 1 shot	N/K	15 March, 09:53
	1-2km NNE	Heard 1 undetermined explosion		15 March, 09:54
	10km NNW	Heard 2 undetermined explosions	Artillery (type N/K)	15 March, 09:57
2.7km E of Berestove (government-controlled, 73km W of Luhansk)	2km W	Saw 3 flashes and smoke	N/K	15 March, 10:30
Lobacheve (government-controlled, 17km NW of Luhansk)	15km SW	Heard 11 undetermined explosions	N/K	15 March, 10:40-10:51
Zolote (government-controlled, 60km W of Luhansk)	8-10km SE	Heard 1 undetermined explosion (outside the disengagement area)	N/K	15 March, 10:44
3km W of Dmytrivka (government-controlled, 43km N of Luhansk)	4-5km E	Heard 4 undetermined explosions (assessed as live-fire exercise)	Artillery (type N/K)	15 March, 10:55-11:02
2.5km SE of Shchastia (government-controlled, 20km N of Luhansk)	10km SSW	Heard 3 undetermined explosions	N/K	15 March, 11:16-11:20
Popasna (government-controlled, 69km W of Luhansk)	5km SSE	Heard 5 undetermined explosions	N/K	15 March, 11-58-12:10
	1-2km SE	Heard 5 bursts	HMG	15 March, 12:45
	3-6km E	Heard 4 undetermined explosions	N/K	15 March, 13:00-13:03
2km SW of Katerynivka (government-controlled, 64km W of Luhansk)	3km SE	Heard 1 undetermined explosion	N/K	15 March, 12:35
Novooleksandrivka (65km W of Luhansk)	2km SSE	Heard 6 shots	Small arms	15 March, 15:57

Map of Donetsk and Luhansk regions²



² 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.)