

Table of ceasefire violations as of 16 March 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera at Oktiabr mine (9km NW of Donetsk)	6-10km NE	Recorded 3 projectiles from W to E	N/K	15 March, 18:39
		Recorded 1 projectile from E to W		15 March, 18:40
		Recorded 1 projectile from W to E		15 March, 18:40
		Recorded 20 projectiles from W to E		15 March, 18:59
		Recorded 9 projectiles from E to W		15 March, 18:59
		Recorded 2 projectiles from W to E		15 March, 19:24
		Recorded 1 undetermined explosion		15 March, 19:35
		Recorded 1 undetermined explosion		15 March, 19:37
		Recorded 2 projectiles from E to W		15 March, 19:38
		Recorded 2 projectiles from W to E		15 March, 19:38
		Recorded 1 projectile from W to E		15 March, 19:42
		Recorded 1 undetermined explosion		15 March, 19:44
		Recorded 1 undetermined explosion		15 March, 19:57
		Recorded 2 undetermined explosions		15 March, 20:03
		Recorded 7 projectiles from W to E		15 March, 20:06
		Recorded 1 undetermined explosion		15 March, 20:07
		Recorded 1 projectile from W to E		15 March, 20:11
		Recorded 1 projectile from W to E		15 March, 20:13
		Recorded 1 projectile from E to W		15 March, 20:13
		Recorded 1 projectile from W to E		15 March, 20:39
		Recorded 1 projectile from E to W		15 March, 20:42
		Recorded 1 projectile from W to E		15 March, 21:02
		Recorded 3 projectiles from W to E		15 March, 21:06
		Recorded 2 projectiles from E to W		15 March, 21:07
		Recorded 1 projectile from W to E		15 March, 21:31
		Recorded 1 projectiles from W to E		15 March, 22:07
		Recorded 1 undetermined explosion		15 March, 22:07
		Recorded 18 projectile from W to E		15 March, 23:47
	Recorded 10 projectiles from W to E	15 March, 23:47-23:48		
	Recorded 5 projectiles from W to E	16 March, 00:38		
	Recorded 5 projectiles from W to E	16 March, 00:39		
	4-6km NNE	Recorded 1 undetermined explosion		16 March, 07:11
		Recorded 1 undetermined explosion		16 March, 07:11
Recorded 2 undetermined explosions		16 March, 17:51		
Recorded 1 undetermined explosion		16 March, 17:54		
	Recorded 1 undetermined explosion	16 March, 17:55		
Mariupol (government)	N/K ENE	Heard 10 undetermined explosions	HMG	15 March 19:35 – 19:39
		Heard 6 bursts		

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.

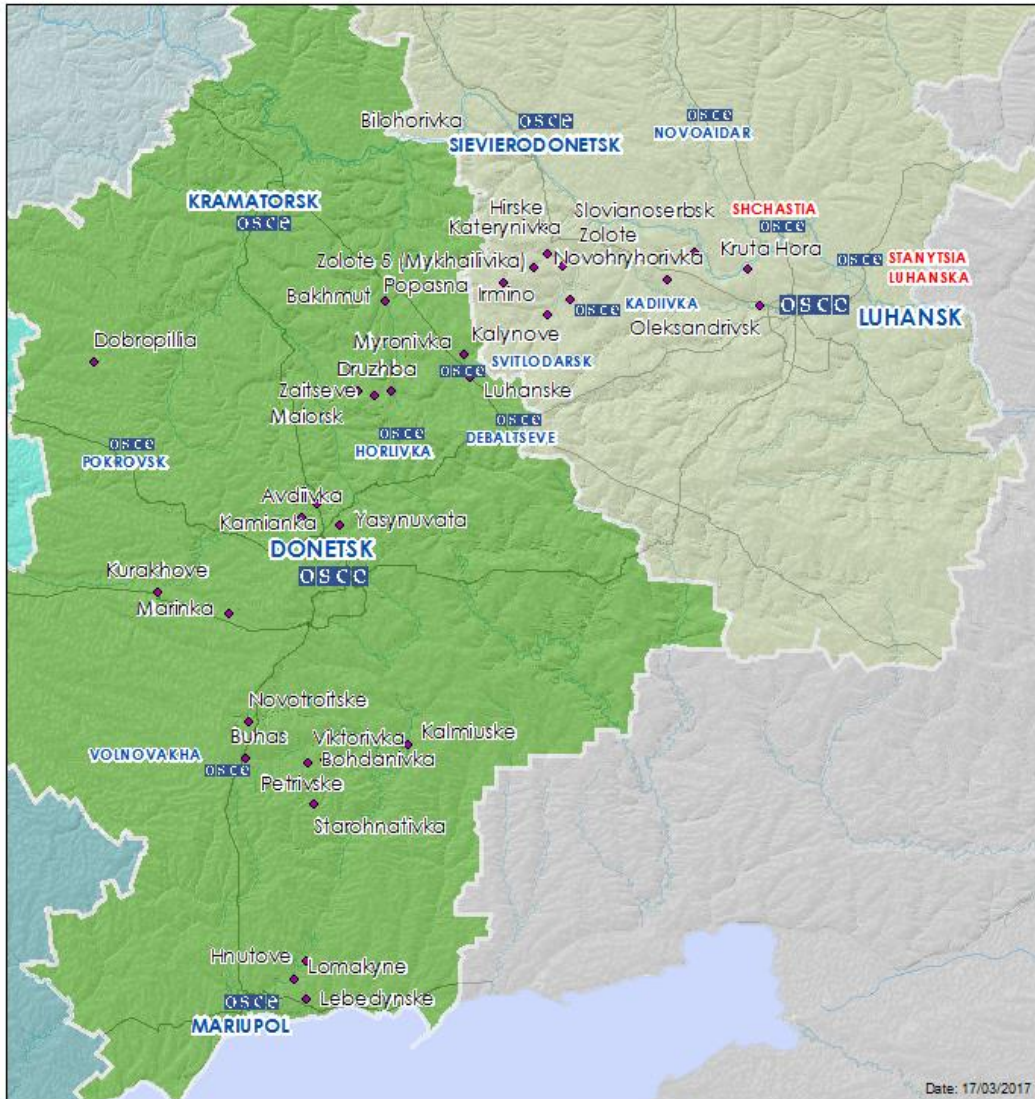
controlled, 102km S of Donetsk)	N/E	Heard 30 undetermined explosions	N/K	15 March 19:30 – 19:40
Svitlodarsk (government-controlled, 57km NE of Donetsk)	8-10km ESE	Heard 4 bursts	Anti-aircraft gun (ZU-23, 23mm)	15 March, 21:04
	6-8km SE	Heard 7 bursts	HMG	15 March, 21:50
		Heard 5 bursts	Small arms	
		Heard 4 bursts	AGL	
	10-12km ENE	Heard 9 undetermined explosions	N/K	15 March, 21:59
		Heard 15 undetermined explosions		15 March, 22:08
	8-12km ENE	Heard 2 undetermined explosions	N/K	15 March, 22:15
		Heard 5 undetermined explosions		15 March, 22:16-22:30
	6-7km SE	Heard 4 bursts	AGL	15 March, 22:20-22:21
		Heard 7 undetermined explosions	N/K	16 March, 01:00-01:10
8-10km SW	Heard 30 outgoing explosions	Artillery (type N/K)	16 March, 01:51	
6-10km SW	Heard 20 outgoing explosions		16 March, 02:46	
Bakhmut (government-controlled, 65km NE of Donetsk)	5-7km SW	Heard 30 explosions (outgoing)	Artillery (152mm)	15 March, 22:05-22:35
		Heard 30 explosions (outgoing)		15 March, 22:36-23:01
		Heard 30 explosions (outgoing)		15 March, 23:02-23:19
		Heard 30 explosions (outgoing)		15 March, 23:20-23:34
		Heard 30 explosions (outgoing)		15 March, 23:35-23:43
Donetsk city centre ("DPR"-controlled, Donetsk)	3-5 km W	Heard 1 undetermined explosion	N/K	15 March, 22:45
		Heard 1 undetermined explosion		15 March, 22:52
		Heard 1 undetermined explosions		15 March, 22:55
		Heard 1 undetermined explosions		15 March, 23:02
		Heard 3 undetermined explosion		15 March, 23:07
		Heard 2 undetermined explosion		15 March, 23:15
		Heard 2 undetermined explosions		15 March, 23:16
		Heard 1 undetermined explosions		15 March, 23:21
		Heard 1 undetermined explosion		15 March, 23:23
		Heard 2 undetermined explosions		15 March, 23:28
		Heard 2 undetermined explosions		15 March, 23:31
		Heard 2 undetermined explosions		16 March, 00:10
		Heard 1 undetermined explosion		16 March, 00:12
		Heard 3 undetermined explosions		16 March, 00:14
		Heard 4 undetermined explosion		16 March, 00:15
		Heard 2 undetermined explosions		16 March, 00:36
		Heard 2 undetermined explosions		16 March, 00:46
		Heard 15 undetermined explosions		16 March, 01:16 - 01:20
	6-8 km NW	Heard 3 undetermined explosions		16 March, 02:42 - 02:44
		Heard 1 undetermined explosion		16 March, 03:26
Heard 2 undetermined explosions		16 March, 03:38		
Heard 3 undetermined explosions		16 March, 03:43 - 03:45		
Yasynuvata ("DPR"-controlled, 16km NE	5-7km NW	Heard 1 shot	Small arms	16 March, 08:28
		Heard 1 undetermined explosion	N/K	16 March, 09:04

of Donetsk)	3-5km WSW	Heard 32 undetermined explosions		16 March, 10:09-10:17
	5-7km W	Heard 1 undetermined explosion		16 March, 09:24-09:47
		Heard 14 single shots	Small arms	
	3-5km NNW	Heard 4 bursts		16 March, 10:27
	3-5km SW	Heard 1 undetermined explosion	N/K	16 March, 10:32
	3-5km NNW	Heard 6 shots	Small arms	16 March, 10:40
	1-2km W	Heard 1 undetermined explosion	N/K	16 March, 10:45
	3-5km NNW	Heard 2 undetermined explosions		16 March, 10:46
	3-5km W	Heard 1 undetermined explosion	N/K	16 March, 11:10
	3-5km SW	Heard 2 shots	Small arms	16 March, 11:15
		Heard 2 undetermined explosions	N/K	16 March, 11:30
	2-3km W	Heard 1 explosion		16 March, 11:33
	3-5km W	Heard uncountable overlapping bursts and shots	Small arms	16 March, 11:38-11:40
		Heard 16 bursts		16 March, 11:42
		Heard 27 bursts		16 March, 11:58-11:58
Heard 1 undetermined explosion		N/K		
Heard 5 undetermined explosion			16 March, 12:00	
Heard 3 bursts		Small arms		
Heard 2 shots			16 March, 12:04	
Heard 3 bursts				
Heard 7 undetermined explosions		N/K	16 March, 12:22-12:32	
Heard 1 undetermined explosion			16 March, 12:37	
	16 Shots	Small arms	16 March, 12:40-12:50	
NW edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard 1 undetermined explosion	N/K	16 March, 10:34
	4-5km SE	Heard 2 undetermined explosions		16 March, 11:00
	3-4km SE	Heard 1 undetermined explosion		16 March, 11:35
5km S Kamianka (government-controlled, 20km north of Donetsk)	2km SE	Heard 5 bursts	HMG	16 March, 10:37
	3km S	Heard 3 explosions (impact)	Mortar (82mm)	16 March, 10:40
		Heard 1 explosion (impact)		16 March, 10:44
		Heard 1 shot	Small arms	16 March, 10:58
	3km S	Heard 1 undetermined explosion	N/K	16 March, 11:13
	2km S	Heard 2 explosions (impact)	Mortar (82mm)	16 March, 11:32
		Heard 1 explosion (impact)	Mortar (120mm)	16 March, 11:34
		Heard 10 bursts		16 March, 11:40
	2km NE	Heard uncountable overlapping bursts and shots	HMG	16 March, 11:55
	2km S	Heard 2 undetermined explosions	N/K	16 March, 11:57
Heard 1 undetermined explosion		16 March, 11:58		
Heard 4 undetermined explosions		16 March, 11:59		
Heard uncountable overlapping bursts and shots		Small arms	16 March, 12:00-12:03	
Novotroitske (government controlled, 36 Km SW of Donetsk)	2-5km E	Heard 40 undetermined explosions	N/K	16 March, 10:58-11:13
		Heard 5 bursts	HMG	
3km NW of Lebedynske (government controlled, 16 Km NE of Mariupol)	4-5km ENE	Heard 40 undetermined explosions	Artillery (type N/K)	16 March, 11:15 – 11:35

Druzhba (government-controlled, 45km NE Donetsk)	5-7km E	Heard 20 undetermined explosions	N/K	16 March, 11:25-11:41
	5-6km E	Heard 28 explosions (outgoing)	Artillery (type N/K)	16 March, 13:10-13:30
		Heard 1 explosion (outgoing)		16 March, 13:40
Maiorsk (government-controlled, 45km NE of Donetsk)	4-6km SE	Heard 4 undetermined explosions	N/K	16 March, 11:30-11:33
		Heard 5 undetermined explosions		16 March, 11:35-11:40
		Heard 3 undetermined explosions		16 March, 12:27-12:32
	4-5km SE	Heard 1 undetermined explosion		16 March, 12:35
		Heard 2 undetermined explosions		16 March, 12:42
		Heard 1 undetermined explosion		16 March, 12:47
		Heard 1 undetermined explosion		16 March, 12:49
		Heard 3 undetermined explosions		16 March, 12:59
Lebedynske (government controlled, 16 Km NE of Mariupol)	7km NE	Heard 10 undetermined explosions	N/K	16 March, 12:00-12:15
		Heard 3 bursts		
Hnutove (government-controlled, 20km NE of Mariupol),	3km WNW	Heard 40 explosions (outgoing)	Artillery (122mm)	16 March, 12:05-12:19
	3km SE	Heard 40 explosions (impacts)		
	3km WNW	Heard 20 explosions (outgoing)		16 March, 12:20-12:30
	3km SE	Heard 20 explosions (impacts)		
Lomakyne (government-controlled, 15km NE of Mariupol),	4km E	Heard 1 undetermined explosion	N/K	16 March, 12:54
		Heard 12 bursts	Small arms	16 March, 13:15-13:45
		Heard 8 undetermined explosions	N/K	
		Heard 2 shots	Small arms	16 March, 14:05
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6 km ESE	Recorded 5 projectiles from E to W	N/K	16 March, 17:43
		Recorded 1 projectiles from W to E		16 March, 17:44
		Recorded 4 projectiles from E to W		16 March, 17:45
		Recorded 1 projectile from E to W		16 March, 17:45
		Recorded 2 projectiles from E to W		16 March, 17:50
		Recorded 1 undetermined explosion		16 March, 17:52
		Recorded 15 projectiles from E to W		16 March, 17:55
		Recorded 1 undetermined explosion		16 March, 17:59
		Recorded 1 projectile of from W to E		
SMM camera at Zolote (government-controlled, 60km NW of Luhansk)	6km ENE	Recorded 1 undetermined explosion (outside the disengagement area)	N/K	14 March, 19:56
		Recorded 1 undetermined explosion (outside the disengagement area)		14 March, 20:01
	4-5km SE	Recorded 1 undetermined explosion (outside the disengagement area)		14 March, 22:30
SMM camera at Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	1.2km S	Recorded 1 explosion (impact) (inside the disengagement area)	RPG (RPO-Z)	14 March, 21:03
	1.3km SSW	Recorded 1 undetermined projectile (inside the disengagement area)		14 March, 21:06
	0.33km SSW	Recorded 1 explosion (outgoing) (inside the disengagement area)		14 March, 21:06
	0.33km SW	Recorded 1 explosion (outgoing) (inside the disengagement area)	N/K	14 March, 21:06
	0.33km NW	Recorded 1 explosion (outgoing) (inside the disengagement area)		14 March, 21:06
	0.5km WNW	Recorded 1 undetermined projectile (outside the disengagement area)		14 March, 21:07
	1.1km S	Recorded 1 undetermined projectile (inside the disengagement area)		14 March, 21:08

	0.4km SE	Recorded 1 undetermined explosion (outside the disengagement area)		14 March, 21:09	
	0.5km ENE	Recorded 1 undetermined explosion (outside the disengagement area)		14 March, 21:09	
	0.75km ESE	Recorded 1 undetermined explosion (outside the disengagement area)		14 March, 21:09	
	1.7km SSE	Recorded 1 explosion (impact) (inside the disengagement area)		14 March, 21:10	
	1.6km SSE	Recorded 1 explosion (outgoing) (inside the disengagement area)		14 March, 21:10	
	1.7km S	Recorded 1 explosion (impact) (inside the disengagement area)		14 March, 21:10	
	0.35km SSW	Recorded 1 explosion (impact) (inside the disengagement area)		14 March, 21:11	
		Recorded 1 explosion (outgoing) (outside the disengagement area)		14 March, 21:12	
	0.35km SW	Recorded 1 explosion (outgoing) (inside the disengagement area)		RPO-Z	14 March, 21:12
		Recorded 1 projectile in flight from N to S (inside the disengagement area)		N/K	
		Recorded 1 explosion (outgoing) (outside the disengagement area)			
	0.7km SSW	Recorded 1 undetermined explosion (inside the disengagement area)			14 March, 21:13
	1.7km S	Recorded 1 explosion (outgoing) (inside the disengagement area)		RPO-Z	14 March, 21:13
		Recorded 1 projectile in flight from NE to SW and explosion (impact) (inside the disengagement area)		N/K	
	0.35km SSE	Recorded 1 undetermined explosion (outside the disengagement area).			14 March, 21:15
1.7km S	Recorded 1 explosion (outgoing) (inside the disengagement area)	RPO-Z	14 March, 21:16		
	Recorded 1 projectile in flight from NE to SW and explosion (impact) (inside the disengagement area)	N/K			
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	20km NNE	Heard 4 undetermined explosion	Artillery (N/K)	15 March, 21:30-22:30	
	10km W	Heard 120 undetermined explosions		15 March 22:00 – 16 March 02:00	
	10km WNW	Heard 160 explosions (impact)	MLRS (BM-21 Grad, 122mm)	16 March, 00:30-01:15	
	20km N	Heard 19 undetermined explosions	Artillery (N/K)		
	3.5-4km W	Heard 19 undetermined explosions			
Kruta Hora ("LPR"-controlled, 16km NW of Luhansk)	6-8km WNW	Heard 3 undetermined explosions	N/K	16 March 10:30-10:45	
	2km S of Sloviánoserb'sk ("LPR"-controlled, 28km NW of Luhansk)	3km NW	Heard 2 bursts	Small arms	16 March 11:37
		3-5km NNE	Heard 8 undetermined explosions	N/K	16 March 11:53-12:10
Zolote-4 (government-controlled, 60km NW of Luhansk)	2km NE	Heard 1 burst (outside the disengagement area)	HMG	16 March 11:43	
		Heard 4 bursts (outside the disengagement area)	Small arms		
1.5km N of Lobacheve ("LPR"-controlled, 17km NW of Luhansk)	10km SW	Heard 4 bursts	Small arms	16 March 12:45	

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.)