SMM position	Location of	Observation	Type of	Date/time
F	event		weapon/ammunition	
Horlivka	0.101 011	Heard 120 undetermined explosions		9 Manah 19,20 10,15
("DPR"-controlled,	8-12km SW	Heard and saw 240 tracer rounds	NI/IZ	8 March, 18:30-19:15
39km NE of Donetsk)	9-11km NNW	Heard and saw 5 tracer rounds	N/K	8 March, 19:15
	8-12km SW	Heard 67 undetermined explosions		8 March, 19:15-20:00
		Heard 84 undetermined explosions		8 March, 20:00-22:00
Svitlodarsk	3km SSE	Heard 150 bursts	HMG	8 March, 18:30
(government- controlled, 57km NE	2-3km S	Heard 150 bursts	Anti-aircraft gun (ZU- 23, 23mm)	8 March, 18:35-18:50
of Donetsk)	4-5km SSW	Heard 20 explosions (outgoing)	Mortar (82mm)	8 March, 19:05-19:10
	6-7km SSW	Heard 50 explosions (outgoing)	Artillery (122mm)	8 March, 19:15-19:45
	4-5km S	Heard 15 explosions (outgoing)	Mortar (82mm)	8 March, 20:04-20:20
	4-5km SE	Heard 400 bursts	HMG	8 March, 20:30-21:00
	4-5km ESE	Heard 20 explosions (impact)	Recoilless gun (SPG- 9, 73mm)	8 March, 21:10-21:20
	4km SE	Heard 150 bursts	Anti-aircraft gun (ZU- 23)	8 March, 21:25-21:38
	3-4km SE	Heard 20 explosions (impact)	Mortar (type N/K)	8 March, 21:40-22:10
	3-4km SSE	Heard and saw 30 tracer rounds from NE to SW	IFV (BMP-2) cannon (30mm)	8 March, 22:30-23:10
	4-5km SSE	Heard 30 explosions (impacts)	Mortar (82mm)	8 March, 23:30-23:55
	4km S	Heard 4 undetermined explosions	N/K	9 March, 03:30-03:38
	3km SW	Heard 20 explosions (impacts)	AGL	9 March, 04:30-05:00
	3km SW	Heard 4 explosions (impacts)	Mortar (82mm)	9 March, 05:55
	5-7km SE	Heard 15 explosions (outgoing) Heard 12 undetermined explosions	Artillery (type N/K) N/K	9 March, 12:15-12:25
	4-5km SE	Heard 5 explosions (outgoing) Heard 10 explosions (outgoing)	Artillery (type N/K) Mortar (type N/K)	9 march, 13:11-13:20
		Heard 20 undetermined explosions	N/K	
	4km S	Heard 10 bursts	HMG	9 March, 15:00-18:10
	-Kill D	Heard 2 undetermined explosions	N/K	9 March, 18:11
Chasiv Yar	3-5km E	Heard 2 bursts	HMG	
(government-		Heard 2 undetermined explosions		9 March, 10:55-11:04
controlled, 62km		Heard 3 undetermined explosions	N/K	9 March, 11:10
north of Donetsk)		Heard 7 bursts		9 March, 11:13-13:16
		Heard 2 bursts	HMG	9 March, 11:25
SMM camera in Shyrokyne (20km E	N/K N	Recorded 1 rocket-assisted projectile from W to E	N/K	8 March, 18:36
of Mariupol)		Recorded 1 tracer round from E to W		8 March, 18:38
		Recorded 1 rocket-assisted projectile from W to E		8 March, 18:42
		Recorded 3 tracer rounds from W to E		8 March, 18:43-18:44
		Recorded 6 tracer rounds from W to E		8 March, 18:46-18:47
		Recorded 1 tracer round from E to W		8 March, 19:06
		Recorded 1 tracer round from W to E		8 March, 19:19
		Recorded 1 tracer round from W to E		8 March, 19:21
		Recorded 12 tracer rounds from E to W		8 March, 19:23-19:25
		Recorded 22 tracer rounds from E to W		8 March, 19:28-19:29
		Recorded 3 tracer rounds from E to W		8 March, 19:33

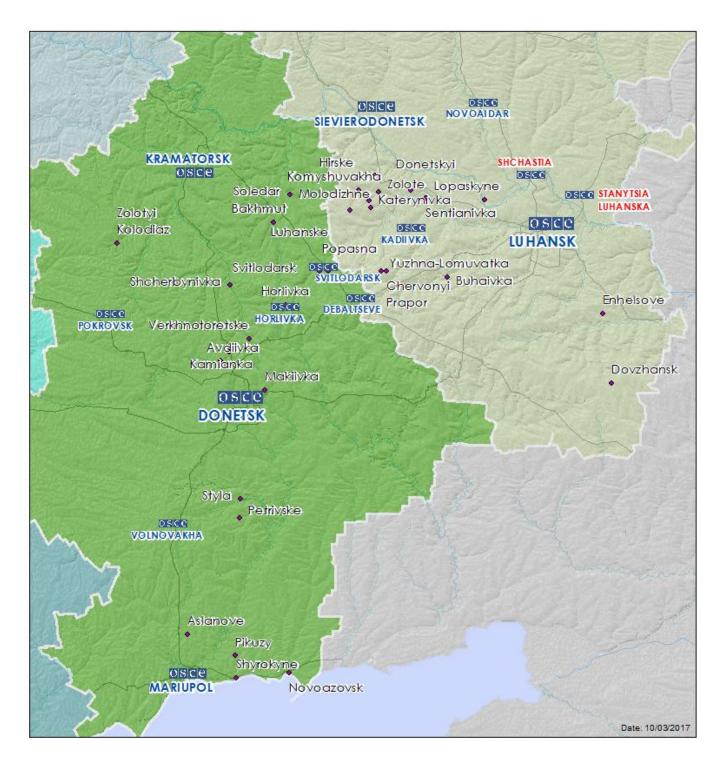
Table of ceasefire violations as of 9 March 2017¹

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.

	1		•	1
		Recorded 1 tracer round from W to E		8 March, 19:47
		Recorded 1 undetermined explosion		8 March, 19:48
		Recorded 1 tracer round from W to E		8 March, 20:46
		Recorded 1 tracer round from SW to NE		8 March, 21:01
		Recorded 9 tracer rounds from W to E		8 March, 21:47-21:48
		Recorded 3 tracer rounds from E to W		8 March, 21:47-21:48
		Recorded 3 tracer rounds from E to W		8 March, 21:56-21:57
		Recorded 1 undetermined explosion		8 March, 22:34
		Recorded 2 tracer rounds from W to E		8 March, 22:43-22:45
		Recorded 1 tracer round from W to E		8 March, 22:47
		Recorded 8 tracer rounds from W to E	N/K	8 March, 22:52-22:55
		Recorded 2 tracer rounds from E to W		8 March, 22:52-22:55
		Recorded 1 undetermined explosion		9 March, 00:01
		Recorded 2 tracer rounds from E to W		9 March, 00:02
		Recorded 1 tracer round from W to E		9 March, 00:50
		Recorded 1 undetermined explosion		9 March, 01:13
		Recorded 1 undetermined explosion		9 March, 01:59
W edge of Pikuzy	N/K ESE	Heard 28 shots	Small arms	9 March, 11:27-11:42
(formerly		Heard 2 undetermined explosions	N/K	9 March, 11:50-11:55
Kominternove,			11/11	> wiateri, 11.50-11.55
"DPR"-controlled,	N/K SE	Heard 1 burst (4-5 shots)		
23km NE of	I WIE DE	TT 141.	Small arms	9 March, 12:11-12:20
Mariupol)		Heard 4 shots		
2km N of Vodiane	N/K SE	Heard 1 undetermined explosion	N/K	9 March, 12:16
(government-		L. L.		
controlled, 19km NE				
of Mariupol)				
SE edge of Sakhanka	N/K NNW	Heard 1 undetermined explosion	N/K	9 March, 13:46
("DPR"-controlled,		^		
24km NE of				
Mariupol)				
3km NNE of	N/K E	Heard 2 undetermined explosions	N/K	9 March, 15:40-15:45
Hnutove				
(government-				
controlled, 20km NE				
of Mariupol)				
SMM camera in		Recorded 1 undetermined explosion		8 March, 18:38
Avdiivka	4-6km SE	Recorded 1 projectile from W to E		8 March, 18:47
(government-		Recorded 1 illumination flare	N/K	8 March, 19:25
controlled, 17km N of Donetsk)	4-6km S	Recorded 1 projectile from W to E		9 March, 01:47
Donetsk city		Heard 1 undetermined explosion		8 March, 21:10
("DPR"-controlled)		Heard 1 undetermined explosion		8 March, 21:14
× ·		Heard 1 undetermined explosion		8 March, 21:19
		Heard 4 undetermined explosions		8 March, 21:20
		Heard 5 undetermined explosions		8 March, 21:21
		Heard 4 undetermined explosions		8 March, 21:22
		Heard 2 undetermined explosions		8 March, 21:23
		Heard 1 undetermined explosion		8 March, 21:24
		Heard 1 undetermined explosion		8 March, 21:32
		Heard 2 undetermined explosions	1	8 March, 22:21
	8-10km NNW	Heard 4 undetermined explosions	N/K	8 March, 22:29
				8 March, 22:30
		Heard 2 undetermined explosions		8 March, 22:30 8 March, 22:31
		Heard 2 undetermined explosions Heard 2 undetermined explosions		8 March, 22:31
		Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions	•	8 March, 22:31 8 March, 22:33
		Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 2 undetermined explosions	- - -	8 March, 22:31 8 March, 22:33 8 March, 22:34
		Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions Heard 2 undetermined explosions Heard 3 undetermined explosions		8 March, 22:31 8 March, 22:33 8 March, 22:34 8 March, 22:35
		Heard 2 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 2 undetermined explosionsHeard 2 undetermined explosions		8 March, 22:31 8 March, 22:33 8 March, 22:34 8 March, 22:35 8 March, 23:22
		Heard 2 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 3 undetermined explosionsHeard 3 undetermined explosionsHeard 3 undetermined explosions		8 March, 22:31 8 March, 22:33 8 March, 22:34 8 March, 22:35 8 March, 23:22 9 March, 00:28
		Heard 2 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosions		8 March, 22:31 8 March, 22:33 8 March, 22:34 8 March, 22:35 8 March, 23:22 9 March, 00:28 9 March, 00:37
		Heard 2 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 2 undetermined explosions		8 March, 22:31 8 March, 22:33 8 March, 22:34 8 March, 22:35 8 March, 23:22 9 March, 00:28 9 March, 00:37 9 March, 00:38
	8-10km NNW	Heard 2 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 1 undetermined explosionsHeard 1 undetermined explosion	N/K	8 March, 22:31 8 March, 22:33 8 March, 22:34 8 March, 22:35 8 March, 23:22 9 March, 00:28 9 March, 00:37 9 March, 00:38 9 March, 00:44
	8-10km NNW	Heard 2 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 2 undetermined explosionsHeard 3 undetermined explosionsHeard 2 undetermined explosions	N/K	8 March, 22:31 8 March, 22:33 8 March, 22:34 8 March, 22:35 8 March, 23:22 9 March, 00:28 9 March, 00:37 9 March, 00:38

				0.14 1 00.55
		Heard 1 undetermined explosion	4	9 March, 00:56
		Heard 1 undetermined explosion	-	9 March, 00:58
		Heard 1 undetermined explosion	_	9 March, 00:59
		Heard 1 undetermined explosion Heard 1 undetermined explosion	-	9 March, 01:00 9 March, 01:02
		Heard 3 undetermined explosion		9 March, 01:02
		Heard 4 undetermined explosions	-	9 March, 01:04
		Heard 2 undetermined explosions	-	9 March, 01:11
		Heard 1 undetermined explosions	-	9 March, 01:15
		Heard 2 undetermined explosion	-	9 March, 01:18
		Heard 3 undetermined explosions	-	9 March, 01:21
		Heard 2 undetermined explosions		9 March, 01:24
		Heard 25 undetermined explosions		9 March, 04:32-04:34
		Heard 24 undetermined explosions		9 March, 04:36-04:40
Kamianka	5-7km SW	Heard 1 explosion (impact)	Mortar (120mm)	9 March, 09:40
(government-	7km S	Heard 1 explosion (impact)	Mortar (82mm)	9 March, 10:19
controlled, 20km	5-7km SSW	Heard 1 explosion (impact)	Mortar (120mm)	9 March, 10:20
north of Donetsk)	7km S	Heard 1 explosion (impact)	Mortar (82mm)	9 March, 10:24
		Heard 2 explosions (impact)	Mortar (120mm)	9 March, 10:54
	7 71 GOW	Heard 1 undetermined explosion		9 March, 11:05
	5-7km SSW	Heard 1 undetermined explosion	N/K	9 March, 11:14
		Heard 1 undetermined explosion		9 March, 11:26
	5km SSE	Heard 1 explosion (impact)	Artillery (122mm)	9 March, 11:27
	5km S	Heard 1 explosion (impact)	Artillery (152mm)	9 March, 12:24
	5km SSW	Heard 1 explosion (outgoing)	Artillery (122mm)	9 March, 13:40
Yasynuvata				
("DPR"-controlled, 16km NE of	4-6km NW	Heard 1 undetermined explosion	N/K	9 March, 10:28
Donetsk)				
Donetsk central	10-15km	Heard 7 undetermined explosions		9 March, 11:07-11:10
railway station	NNE	Theard 7 undetermined explosions		⁷ Waten, 11.07-11.10
("DPR"- controlled,			N/K	
6km NW of Donetsk	8-10km NE	Heard 1 undetermined explosion		9 March, 13:15
city centre)	ſ			
SMM camera in				
Stanytsia Luhanska (government-	70m W	Recorded 1 flash	N/K	7 March 04.24
controlled, 16km NE	70m w	(outside the disengagement area)	IN/K	7 March, 04:24
of Luhansk)				
SMM camera in			Anti-tank guided	
Zolote (government-			missile system	
controlled 60km NW	4 51 5	Recorded 1 outgoing projectile	(9M113 Konkurs,	
of Luhansk)	4-5km E	(outside the disengagement area)	135mm or	
		6.6.	9K111 Fagot,	7 March, 18:08
			120mm)	
	21m ENE	Recorded 1 outgoing shot		1
	3km ENE	(outside the disengagement area)	RPG	
		Recorded 1 outgoing projectile	Anti-tank guided	
	3km SSW	(outside the disengagement area)	missile system	7 March, 19:55
		(outside the disengagement died)	(9M113 or 9K111)	
Kadiivka (formerly				
Stakhanov, "LPR"-	3km W	Heard 16 shots	Small arms	8 March, 22:42-22:43
controlled, 50km W				
of Luhansk)				
Molodizhne ("LPR"-	51 W	Heard 2 and 4 to 1 to 1	NI/IZ	0 March 00 10
controlled, 63km	5km W	Heard 3 undetermined explosions	N/K	9 March, 09:18
NW of Luhansk)	5km C	Hoard 1 undetermined surlasis	N/V	0 March 10.00
Pervomaisk ("LPR"- controlled, 58km W	5km S	Heard 1 undetermined explosion Heard 1 shot	N/K	9 March, 10:00
of Luhansk)	1-2km E	(outside the disengagement area)	Small arms	9 March, 10:14
or Lunalisk)	5-6km SSW	Heard 2 undetermined explosion	N/K	9 March, 11:55
Eastern edge of	J-OKIII 33 W	ricaru 2 undetermineu explosion	11/1) iviaicii, 11.33
Zhovte ("LPR"-				
controlled, 17km	1-2km NE	Heard 1 explosion (outgoing)	Mortar (calibre N/K)	9 March, 10:10
NW of Luhansk)				
	l		1	1

Novoaidar (government- controlled, 49km NW of Luhansk)	10km SE	Heard 1 undetermined explosion	Artillery (calibre N/K)	9 March, 10:30
Zolote (government- controlled, 60km W of Luhansk)	5-8km S	Heard 22 explosions (impacts)	Artillery (calibre N/K)	9 March, 10:50-11:14
Northern edge Kalynove- Borshchuvate ("LPR"-controlled, 61km W of Luhansk)	2-3km WNW	Heard 1 undetermined explosion	N/K	9 March, 11:09
Komyshuvakha (government- controlled, 68km W of Luhansk)	8-10km ESE	Heard 8 undetermined explosions	Mortar (120mm)	9 March, 11:10-11:20
Katerynivka	6km S	Heard 1 undetermined explosion	N/K	9 March, 11:47
(government- controlled, 64km W of Luhansk)	3km S	Saw smoke rising and heard 12-15 bursts	Small arms and HMG	9 March, 12:02-12:15
Popasna (government- controlled, 69km W of Luhansk)	5-6km SE	Heard 1 explosion (impact)	Mortar (120mm)	9 March, 11:55



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 214. 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.)