

Table of ceasefire violations as of 2 March 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Horlivka (“DPR”-controlled, 39km NE of Donetsk)	10-12km SSW	Heard 2 undetermined explosions	N/K	1 March, 18:30-18:40
		Heard 1 undetermined explosion		1 March, 18:50-19:00
		Heard 2 undetermined explosions		1 March, 19:10-19:20
		Heard 1 undetermined explosion		1 March, 19:30-19:40
		Heard 4 undetermined explosions		1 March, 19:40-19:50
		Heard 6 undetermined explosions		1 March, 20:00-20:10
		Heard 6 undetermined explosions		1 March, 20:50-21:00
		Heard 15 undetermined explosion		1 March, 21:00-21:10
		Heard 30 undetermined explosions		1 March, 21:10-21:20
		Heard 3 undetermined explosion		1 March, 21:30-21:40
		Heard 2 undetermined explosions		1 March, 21:40-21:50
		Heard 13 undetermined explosions		1 March, 22:00-22:10
		Heard 9 undetermined explosions		1 March, 22:10-22:20
		Heard 6 undetermined explosions		1 March, 22:20-22:30
	Heard 5 undetermined explosions	1 March, 22:50-23:00		
	7km WSW	Heard 50 explosions (impact)	N/K	2 March, 15:45-16:45
		Heard 2 salvos (6-8 outgoing explosions per salvo)	MLRS (BM-21 <i>Grad</i> , 122mm)	
Heard 2 bursts		HMG		
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km E	Heard uncountable and overlapping undetermined explosions (the SMM was not able to assess the number of explosions)	N/K	1 March, 18:30-19:35
		Heard uncountable and overlapping bursts and shots	HMG	
		Heard 2 undetermined explosions	N/K	
	Heard 9 undetermined explosions	1 March, 19:37		
	3-5km E	Heard 3 bursts	HMG	1 March, 19:39
		Heard 1 burst		1 March, 19:47
		Heard 3 undetermined explosions	N/K	1 March, 19:48
		Heard 18 undetermined explosions		1 March, 19:54
		Heard 1 undetermined explosions		1 March, 20:33
		Heard 1 undetermined explosions		1 March, 20:45
		Heard 15 bursts	HMG	1 March, 21:19
	Heard uncountable and overlapping bursts and shots	Small arms	1 March, 21:40-22:00	
	Heard uncountable and overlapping undetermined explosions (the SMM was not able to assess the number of explosions)	N/K		
	3-5km SE	Heard 2 undetermined explosions	N/K	2 March, 08:20
	3-5km S	Heard 1 undetermined explosion		2 March, 16:20
3-5km SSE	Heard 15 shots	Small arms	2 March, 16:51	
	Heard 3 bursts		2 March, 16:55	
	Heard 7 undetermined explosions	N/K	2 March, 17:45	
	Heard 2 bursts	HMG	2 March, 18:02	

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 Shyrokyne (20km E of Mariupol)	N/K NE	Recorded 1 tracer round from E to W	N/K	1 March, 19:23		
	N/K N	Recorded 1 tracer round from E to W		1 March, 20:00		
		Recorded 1 tracer round from W to E		1 March, 20:51		
		Recorded 3 undetermined explosions		1 March, 21:01		
		Recorded 10 tracer rounds from SW to NE		1 March, 21:02		
		Recorded 2 tracer rounds from E to W		1 March, 21:06		
		Recorded 24 tracer rounds from E to W		1 March, 21:09		
		Recorded 18 tracer rounds from E to W		1 March, 21:47		
		Recorded 2 tracer rounds from E to W		1 March, 21:51		
		Recorded 3 tracers rounds from E to W		1 March, 21:55		
		N/K NE		Recorded 21 tracers rounds from W to E	2 March, 00:58	
	Recorded 11 tracers rounds from W to E			2 March, 01:02		
	Donetsk city centre ("DPR"-controlled, Donetsk)	10-15km NNW		N/K	Heard 2 undetermined explosions	1 March, 19:28
					Heard 1 undetermined explosion	1 March, 19:29
Heard 4 undetermined explosions			1 March, 19:34			
Heard 5 undetermined explosions			1 March, 19:40			
Heard 1 undetermined explosion			1 March, 19:41			
Heard 4 undetermined explosions			1 March, 19:45			
Heard 3 undetermined explosions			1 March, 19:46			
Heard 1 undetermined explosion			1 March, 19:57			
Heard 3 undetermined explosions			1 March, 21:01			
Heard 6 undetermined explosions			1 March, 21:04			
Heard 5 undetermined explosions			1 March, 21:14			
Heard 2 undetermined explosions			1 March, 21:16			
Heard 4 undetermined explosions			1 March, 21:19			
Heard 5 undetermined explosions			1 March, 21:22			
Heard 6 undetermined explosions			1 March, 21:31			
Heard 12 undetermined explosions			1 March, 21:34			
Heard 7 undetermined explosions			1 March, 21:43			
Heard 8 undetermined explosions			1 March, 21:45			
Heard 9 undetermined explosions			1 March, 21:49			
Heard 2 undetermined explosions			1 March, 21:51			
Heard 4 undetermined explosions			1 March, 21:54			
Heard 28 undetermined explosions			1 March, 21:59			
Heard 8 undetermined explosions			1 March, 22:01			
Heard 31 undetermined explosions			1 March, 22:03			
Heard 24 undetermined explosions			1 March, 22:06			
Heard 11 undetermined explosions			1 March, 22:07			
Heard 9 undetermined explosions			1 March, 22:09			
Heard 4 undetermined explosions			1 March, 22:12			
Heard 5 undetermined explosions			1 March, 22:15			
Heard 3 undetermined explosions			1 March, 22:17			
Heard 18 undetermined explosions			1 March, 22:51			
Heard 15 undetermined explosions			1 March, 22:53			
Heard 34 undetermined explosions			1 March, 22:55			
Heard 14 undetermined explosions			1 March, 22:58			
Heard 12 undetermined explosions			1 March, 23:00			
Heard 14 undetermined explosions			1 March, 23:13			
Heard 16 undetermined explosions	1 March, 23:24					
Heard 3 undetermined explosions	2 March, 04:00					
Heard 4 undetermined explosions	2 March, 04:03					
Heard 4 undetermined explosions	2 March, 04:06					

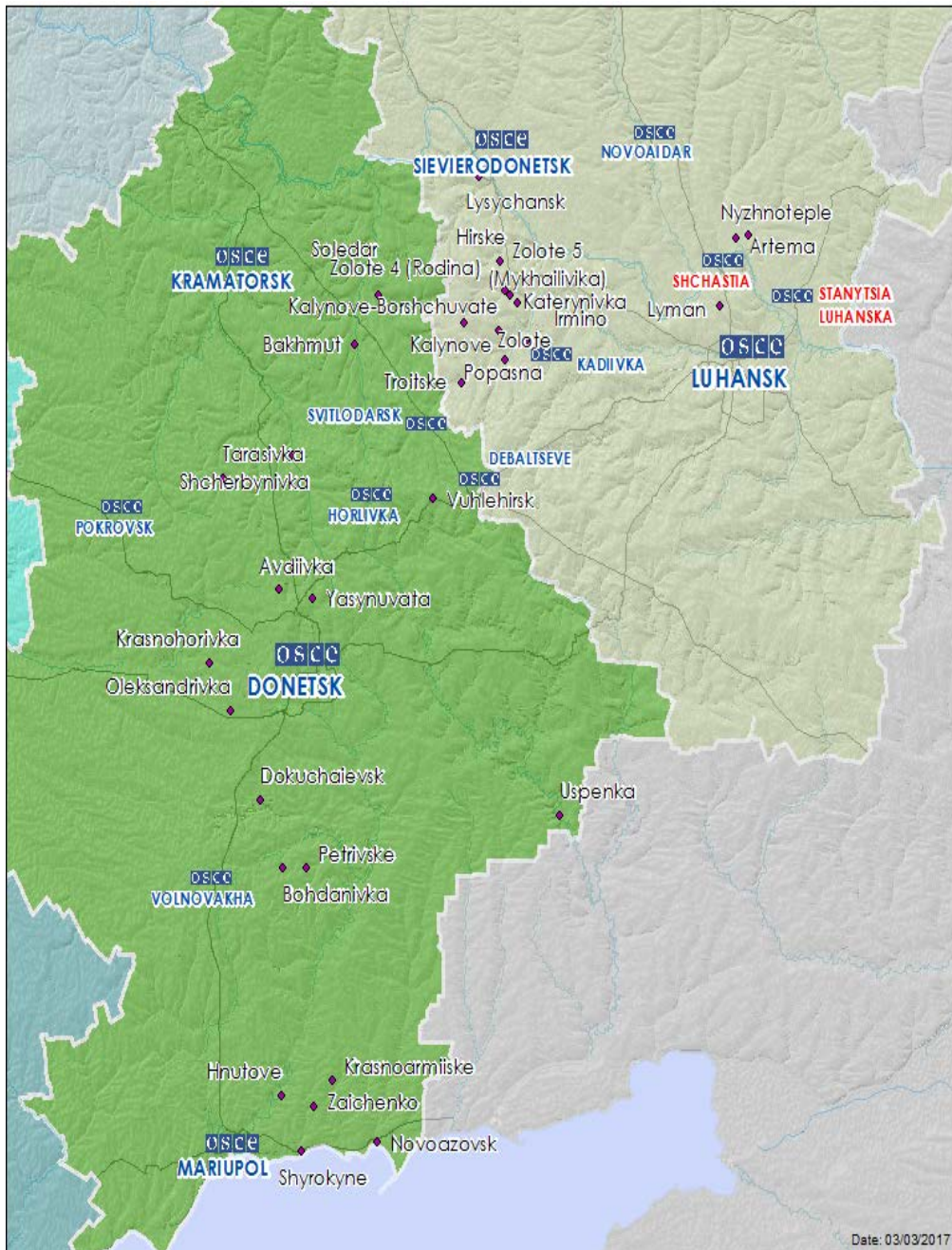
Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	6-8km NW	Heard 2 undetermined explosions	N/K	1 March, 19:30-19:40
		Heard 2 undetermined explosions		1 March, 21:30-22:30
Bakhmut (government-controlled, 67km N of Donetsk)	10-12km SE	Heard 26 undetermined explosions	Mortar (120 mm)	1 March, 20:50-21:20
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	N/K	Recorded 1 illumination flare in vertical flight	N/K	2 March, 03:41
	3-5km E	Recorded 3 undetermined explosions		2 March, 16:28
	3-5km ESE	Recorded 11 undetermined explosions		2 March, 16:30-16:34
	2-3km ESE	Recorded 7 undetermined explosions		2 March, 16:34-16:37
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	2-3km NW	Heard 9 undetermined explosions	N/K	2 March, 09:39
	2-3km NW	Heard 8 bursts	Small arms	
	2-3km NW	Heard 4 undetermined explosions	N/K	2 March, 09:41
	2-3km NW	Heard 5 bursts	Small arms	2 March, 09:43
	2-3km W	Heard 6 undetermined explosions	N/K	2 March, 09:44
	2-4km W	Heard 3 bursts	Small arms	2 March, 10:14
	3-5km NW	Heard 3 undetermined explosions	N/K	2 March, 10:16
	3-5km WNW	Heard 7 undetermined explosions		2 March, 10:44
	1-3km S	Heard uncountable overlapping bursts and shots	Small arms	2 March, 10:50-11:00
	3-4km S	Heard uncountable overlapping bursts and shots		2 March, 11:01-11:05
	2-3km S	Heard 11 bursts Heard 12 bursts Heard 7 shots	HMG	2 March, 11:17
			Small arms	2 March, 11:29
			N/K	2 March, 11:34
	2-3km W	Heard 1 undetermined explosion Heard 3 undetermined explosions	N/K	2 March, 11:38
			Small arms	2 March, 11:42-11:46
	2-3km W	Heard 5 undetermined explosions Heard 11 undetermined explosions	N/K	2 March, 11:45
			N/K	2 March, 11:47
	3-4km S	Heard uncountable overlapping bursts and shots	Small arms	2 March, 11:48-11:52
	2-3km W	Heard 4 undetermined explosions Heard 2 undetermined explosions Heard 2 undetermined explosions Heard 6 undetermined explosions		2 March, 11:51
			N/K	2 March, 11:54
				2 March, 11:56
				2 March, 12:00
	1-3km SW	Heard 5 bursts	Small arms	2 March, 12:15
	2-3km W	Heard 8 undetermined explosions Heard 1 undetermined explosion	N/K	2 March, 12:24
			N/K	2 March, 12:25
	3-4km SW	Heard 5 bursts	Small arms	2 March, 12:27
	2-3km W	Heard 6 undetermined explosions	N/K	2 March, 12:37
	2-3km SW	Heard 5 bursts	Small arms	2 March, 12:38
	2-3km W	Heard 1 undetermined explosion	N/K	2 March, 12:39
	3-4km W	Heard 10 undetermined explosions		2 March, 12:40
	3-4km W	Heard 5 bursts	Small arms	2 March, 12:40
	2-3km W	Heard 2 undetermined explosion Heard 1 undetermined explosion	N/K	2 March, 12:42
			N/K	2 March, 12:58
	2-3km SW	Heard 40 bursts	Small arms	2 March, 13:00
	2-3km W	Heard 1 undetermined explosion Heard 20 bursts Heard 2 undetermined explosions Heard 2 bursts	N/K	2 March, 13:11
			Small arms	2 March, 13:12
			N/K	2 March, 13:20
			Small arms	2 March, 13:20
	3-5km W	Heard 8 undetermined explosions Heard 7 undetermined explosions Heard 15 bursts	N/K	2 March, 13:23
			Small arms	2 March, 13:20
Avdiivka (government-controlled, 17km N of Donetsk)	2-5km S	Heard 3 undetermined explosions	N/K	2 March, 09:46
	3-7km S	Heard 1 undetermined explosion		2 March, 09:56
	2-4km SSW	Heard 75 undetermined explosions		2 March, 11:45-12:03
	1-2km SSE	Heard 6 explosions (impact)	Mortar (82mm)	2 March, 12:04
	1-3km SSE	Heard 20 bursts	HMG	2 March, 12:38-12:45

		Heard 35 shots	Small arms	2 March, 13:00
		Heard 7 bursts	HMG	
		Heard 15 shots	Small arms	
	1-3km SSE	Heard 3 undetermined explosions	N/K	2 March, 13:12
		Heard 4 bursts	HMG	2 March, 13:22
	2-5km SSW	Heard 17 undetermined explosions	N/K	2 March, 13:25-13:32
	2-3km SSE	Heard 4 undetermined explosions		2 March, 13:30
1-2km S	Heard 1 undetermined explosion	2 March, 13:43		
Dokuchaievsk ("DPR"-controlled, 30km SW of Donetsk)	3-4km W	Heard 21 undetermined explosions	AGL	2 March, 09:51-09:58
Petrivske ("DPR"-controlled, 41km south of Donetsk)	2-4km S	Heard 6 undetermined explosions	N/K	2 March, 10:37-10:52
	6-8km S	Heard 6 undetermined explosions		
	2-4km S	Heard 56 bursts	HMG	
Oleksandropil (government-controlled, 43km N of Donetsk)	2-5km SW	Heard 6 explosions (outgoing)	N/K	2 March, 10:42
		Heard uncountable overlapping bursts	HMG and small arms	
3km NNE of Hnutove (government controlled, 20km NE of Mariupol)	5-8km SSE	Heard 111 explosions (outgoing and impacts) (the SMM was not able to assess how many of each type)	Mortar (type N/K) and artillery (type N/K)	2 March, 10:58-11:22
		Heard 12 undetermined explosions	N/K	
	5-10km SE	Heard 10 explosions (outgoing)	N/K	2 March, 11:15-11:35
		Heard 22 explosions (impacts)		
	5km SE	Heard and saw 3 air burst	AGL	2 March, 14:32
		Heard 2 shots		
	6-8km SSE	Heard 6 bursts	HMG	2 March, 15:00-15:05
		Saw 1 air burst		
6-10km SSE	Heard 3 undetermined explosions	N/K	2 March, 15:16	
6-10km SE	Heard 3 undetermined explosions			
N/K S	Heard 2 undetermined explosions			
3km SW of Sartana (government-controlled, 15km NE of Mariupol)	8-12km SE	Heard 3 undetermined explosions	N/K	2 March, 11:25-11:28
Petrivka (government-controlled, 43km N of Donetsk)	8-10km S	Heard 6 undetermined explosions	N/K	2 March, 11:44-11:45
		Heard 2 undetermined explosions		2 March, 12:10
	10-12km SSW	Heard 1 undetermined explosion		2 March, 12:15
		Heard 3 undetermined explosions		2 March, 12:17
		Heard 5 undetermined explosions		2 March, 12:40
Tarasivka (government-controlled, 43km NW of Donetsk)	2km SE	Heard 5 undetermined explosions	N/K	2 March, 11:45
		Heard 2 explosions (outgoing)		2 March, 12:10
		Heard 1 explosion (outgoing)		2 March, 12:13
		Heard 3 explosions (outgoing)		2 March, 12:17
	Heard 15 bursts	HMG	2 March, 12:37	
		Heard 5 undetermined explosions		
3km NW of Lebedynske (government controlled, 16km NE of Mariupol)	5-6km NE	Heard 4 undetermined explosions	N/K	2 March, 12:00-12:11
		Heard 2 bursts	Small arms	
	3-4km NE	Heard 18 explosions (outgoing)	Artillery (type)	2 March, 12:12-12:30
	8-10 NE	Heard 6 undetermined explosions	N/K	2 March, 12:36-13:05
	5-6km NE	Heard 4 explosions (outgoing)	Artillery (type N/K)	
		Heard 3 undetermined explosions	N/K	
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)	7-10km NW	Heard 2 undetermined explosions	N/K	2 March, 12:04
		Heard 8 undetermined explosions		2 March, 12:15-12:20
		Heard 3 undetermined explosions		2 March, 12:25
		Heard 2 undetermined explosions		2 March, 12:38
	2-4km WNW	Heard 1 bursts	Small arms	2 March, 12:55
Heard 6 shots				
1.5km SE of Stepanivka (government-controlled, 31km NE of Mariupol)	7-10km SSE	Heard 30 undetermined explosions	Artillery (type N/K)	2 March, 12:10-12:37
	N/K SW	Heard 10 explosions (outgoing)	N/K	2 March, 12:28-12:37
	7-10km SSE	Heard 13 explosions (impacts)		
3km SSW of Sartana (government-	5-10km E	Heard 12 explosions (outgoing)	N/K	2 March, 12:12-12:19

controlled, 15km NE of Mariupol)				
Verkhnohyrokiyske (formerly Oktiabr, "DPR" controlled, 29km NE of Mariupol)	N/K S	Heard 8 undetermined explosions	N/K	2 March, 12:14-12:20
	N/K SSE	Heard 4 undetermined explosions		2 March, 14:28
Yenakiieve(DPR"-controlled, 41km NE of Donetsk)	5-8km E	Heard 6 undetermined explosions	N/K	2 March, 12:23
		Heard 1 undetermined explosions		2 March, 12:36
1km NE of Zaichenko ("DPR" controlled, 26km NE of Mariupol)	N/K SE	Heard 39 explosions (impact)	N/K	2 March, 12:15-12:45
	N/K SW	Heard 10 undetermined explosions		
	N/K SSW	Heard 7 undetermined explosions		
	N/K SW	Heard 10 bursts Heard 25 bursts	HMG Small arms	
Bohdanivka (government-controlled, 41km SW of Donetsk)	4-5km SE	Heard 5 bursts	HMG	2 March, 12:27
	N/K SE	Heard 2 undetermined explosions	N/K	2 March, 13:00-13:05
		Heard 5 bursts	Small arms	
	4-5km SSE	Heard 6 undetermined explosions	N/K	2 March, 14:35-14:55
N/K SW	Heard 8 undetermined explosions Heard 3 bursts	N/K Small arms	2 March, 13:05-13:10	
3km NE of Zaichenko ("DPR" controlled, 26km NE of Mariupol)	N/K SW	Heard 8 undetermined explosions	N/K	2 March, 13:05-13:10
		Heard 3 bursts	Small arms	
Stepanivka (government-controlled, 31km NE of Mariupol)	N/K W	Heard 5 undetermined explosions	N/K	2 March, 13:05-13:20
14km NE of Novoazovsk ("DPR"-controlled, 40km E of Mariupol)	N/K N	Heard 10 undetermined explosions (assessed as a live-fire exercise)	N/K	2 March, 13:25-13:35
Novohnativka (government-controlled, 40km S of Donetsk)	5-6km SSE	Heard 11 undetermined explosions	N/K	2 March, 13:25
	3-4km SSE	Heard 7 undetermined explosions		2 March, 13:40-13:41
	4-5km SSE	Heard 11 undetermined explosions		2 March, 13:45-13:55
Novoluhanske(government-controlled, 53km NE of Donetsk)	5km S	Heard 1 undetermined explosion	N/K	2 March, 13:25
Talakivka (government controlled, 17km NE of Mariupol)	3-5km SE	Heard 4 explosions (outgoing)	N/K	2 March, 13:25-13:35
	4-8km SE	Heard 2 undetermined explosions		
	2-5km ESE	Heard 6 explosions (outgoing)		
	5-8km ESE	Heard 2 undetermined explosions		
	3-6km E	Heard 1 undetermined explosion		
Khreshchatytske (formerly Krasnoarmiiske, "DPR"-controlled, 33km NE of Mariupol)	4-5km SW	Heard 22 explosions (impacts)	N/K	2 March, 13:25-14:00
	4-5km SE	Heard 12 explosions (outgoing)		
	N/K SE	Heard 4 bursts	Small arms	
Hnutove (government controlled, 20km NE of Mariupol)	4-6km SE	Heard 16 undetermined explosions	N/K	2 March, 13:42-14:22
	3-5km SE	Heard 38 bursts	HMG and small arms	
	4-8km S	Heard 1 undetermined explosion	N/K	
Luhanske(government-controlled, 59km NE of Donetsk)	3-5km SE	Heard 4 undetermined explosions	N/K	2 March, 13:44
		Heard 3 undetermined explosions		2 March, 14:55
Sopyne (government controlled, 16km E of Mariupol)	8-10km NE	Heard 2 undetermined explosions	N/K	2 March, 14:10
Kulykove ("DPR" controlled, 30 Km NE of Mariupol)	N/K NW	Heard 2 undetermined explosions	N/K	2 March, 14:34-14:44
Mariupol (government controlled, 120km S of Donetsk)	N/K E	Heard 10 undetermined explosions	N/K	2 March, 15:32-16:00
Luhanske (government-controlled, 59km NE of Donetsk)	3-5km SE	Heard 4 undetermined explosions	N/K	2 March, 13:44
		Heard 3 undetermined explosions		2 March, 14:55
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	10km W	Heard 14 undetermined explosions	N/K	1 March, 16:00-21:30
	10-15km WSW	Heard 45 undetermined explosions Heard 40 bursts		1 March, 21:30-00:00
	10km SW, NW	Heard 67 undetermined explosions	HMG	2 March, 09:00-09:44
	10km WNW	Heard 39 undetermined explosions	N/K	2 March, 14:50-15:05
Zolote/Pervomaisk disengagement area (government-controlled side, 58km W of Luhansk)	5km SSW	Heard 100 undetermined explosions (assessed as outside the disengagement area)	N/K	2 March, 08:52-09:22
0.5km W of Pankivka ("LPR"-controlled, 16km N of Luhansk)	2-3km N	Heard 4 undetermined explosions	N/K	2 March, 08:56-09:04
Irmino ("LPR"-controlled, 54km W of Luhansk)	5km SW	Heard 42 explosions (impacts)	Artillery (122mm and 152mm)	2 March, 09:30-09:50

Zolote-5 (“LPR”-controlled, 61km NW of Luhansk)	5-10km SSW	Heard 90 undetermined explosions	Artillery (122mm and 152mm)	2 March, 09:35-11:20
3.1km NE of Kalynove (“LPR”-controlled, 60km W of Luhansk)	2-5km SW	Heard 20 undetermined explosions	N/K	2 March, 09:48
1km E of Artema (government-controlled, 26km N of Luhansk)	1-3km SW	Heard 1 undetermined explosion	N/K	2 March, 10:15
2.4km N of Sentianivka (formerly Frunze, “LPR”-controlled, 44km W of Luhansk)	3km S	Heard 1 explosion (impact)	Artillery (Type N/K)	2 March, 10:15
3.7km SE of Kalynove (“LPR”-controlled, 60km W of Luhansk)	1-10km SW/WSW	Heard 530 undetermined explosions	Artillery (Type N/K)	2 March, 10:30-14:55
2km SE of Bobrove (government-controlled, 56km NW of Luhansk)	15km S	Heard 60 undetermined explosions	N/K	2 March, 10:35-11:25
2.8km S of Hirske (government-controlled, 63km W of Luhansk)	5-6km S	Heard 19 undetermined explosions	N/K	2 March, 10:48
		Heard 2 undetermined explosions		2 March, 10:58
Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	1km SW	Heard 1 shot (assessed as inside the disengagement area)	Small arms	2 March, 11:29
Popasna (government-controlled, 69km W of Luhansk)	5-8km SE	Heard 12 undetermined explosions	N/K	2 March, 11:42-11:55
Shchastia government-controlled (20km N of Luhansk)	15-20km WSW	Heard 1 undetermined explosion	N/K	2 March, 11:56
Kalynove-Borshchuvate (“LPR”-controlled (61km W of Luhansk)	5-10k SSW	Heard 2 salvos (30)	MLRS	2 March, 12:02-12:52
		Heard 30 bursts (around 300 shots)	HMG	
		Heard 10 bursts (100 shots)	Small arms	
2.2km S of Popasna (government-controlled, 69km W of Luhansk)	3km S	Heard 4 explosions (2 outgoing and 2 impacts)	Mortar(82mm)	2 March, 13:01
2km N of Novozvanivka (government-controlled , 70km W of Luhansk)	4-8km SSE	Heard 30 undetermined explosions	Artillery (type N/K)	2 March, 12:18-12:45
		Heard 20 undetermined explosions	Mortar (type N/K)	
		Heard 10 shots	IFV (BMP-1) cannon	
		Heard 25 shots	IFV (BMP-1) cannon	
		Heard 20 bursts	Small arms	
		Heard 30 bursts	HMG	
S of Stanytsia Luhanska (government-controlled , 16km NE of Luhansk)	1km N/K	Heard 3 undetermined explosions (the SMM was not able to determine whether inside the disengagement area)	N/K	2 March, 12:24
Zolote-4 (government-controlled, 61km NW of Luhansk)	1km E	Heard 20 bursts (outside the disengagement area)	Small arms	2 March, 14:01- 14:03

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.)