

Table of ceasefire violations as of 19 February 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
“DPR”-controlled Donetsk city centre)	7-8km NW	Heard 3 undetermined explosions	N/K	17 February, 18:59
		Heard 7 undetermined explosions		17 February, 19:10-19:14
		Heard 12 undetermined explosions		17 February, 19:20-19:27
		Heard 14 undetermined explosions		17 February, 19:37-19:54
		Heard 2 undetermined explosions		17 February, 20:01
		Heard 8 undetermined explosions		17 February, 20:44-20:46
		Heard 14 undetermined explosions		17 February, 23:13-23:25
		Heard 6 undetermined explosions		17 February, 23:30-23:43
		Heard 19 undetermined explosions		18 February, 00:18-00:21
		Heard 5 undetermined explosions		18 February, 00:43-00:50
SMM camera at Oktiabr mine (9km NW of Donetsk city centre)	6-8 km NNE	Recorded 13 projectiles from W to E	N/K	17 February, 19:14-19:26
		Recorded 14 undetermined explosions		17 February, 19:46-19:51
		Recorded 7 projectiles from W to E		17 February, 19:51
		Recorded 1 illumination flare in vertical flight		17 February, 20:04
		Recorded 4 projectiles from W to E		17 February, 23:34
		Recorded 3 illumination flares in vertical flight		18 February, 00:42-00:58
		Recorded 1 illumination flare in vertical flight		18 February, 01:06
		Recorded 1 illumination flare from S to N		18 February, 01:12
		Recorded 1 illumination flare in vertical flight		18 February, 01:18
		Recorded 1 illumination flare in vertical flight		18 February, 01:24
	4-6km NE	Recorded 11 tracer rounds from W to E	N/K	18 February, 17:27
		Recorded 1 tracer rounds from E to W		18 February, 17:33
		Recorded 1 illumination flare in vertical flight		18 February, 17:43
		Recorded 3 tracers rounds from E to W		18 February, 17:47
		Recorded 5 tracer rounds from E to W		18 February, 18:00-18:03
		Recorded 19 projectiles from W to E		18 February, 18:01
		Recorded 1 projectile from E to W		18 February, 18:04
		Recorded at least 30 tracers rounds from E to W		18 February, 18:07
		Recorded 1 projectile from E to W		
		Recorded 2 projectiles from W to E		

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.

Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	5-7km SW	Heard 1 undetermined explosion	N/K	18 February, 08:35
		Heard 6 undetermined explosions		18 February, 08:40
	5-7km W	Heard 1 undetermined explosion		18 February, 08:42
	5-7km SW	Heard 17 undetermined explosions		18 February, 08:43-08:51
	7-10km SW	Heard 12 undetermined explosions		18 February, 08:52-09:04
	3-5km SW	Heard 12 bursts	HMG	18 February, 09:06
	7-10km SW	Heard 12 undetermined explosions	N/K	18 February, 09:11
	3-5km SW	Heard 1 undetermined explosion		18 February, 09:17
	2-3km SW	Heard 4 bursts	HMG	18 February, 09:20
	3-5km SW	Heard 1 undetermined explosion	N/K	18 February, 09:22
	7-10km SW	Heard 1 undetermined explosion		18 February, 09:43
	3-5km W	Heard 3 undetermined explosions		18 February, 10:22
	2-3km WNW	Heard 15 shots	HMG	18 February, 12:50-12:53
	2-3km W	Heard 1 undetermined explosion	N/K	18 February, 13:16
		Heard 1 bursts	HMG	
		Heard 2 undetermined explosions	N/K	18 February, 13:31-13:32
		Heard 1 undetermined explosion		18 February, 13:42
Petrivske ("DPR"-controlled, 41km S of Donetsk)	2-3km W	Heard 5 undetermined explosions (unable to assess inside or outside disengagement area)	N/K	18 February, 12:27
	1-1.5km W	Heard 1 undetermined explosions (unable to assess inside or outside disengagement area)		
	2-3km W	Heard 5 undetermined explosions (unable to assess inside or outside disengagement area)		
	1-1.5km W	Heard 1 undetermined explosion (unable to assess inside or outside disengagement area)		
SW edge of Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	3-5km N	Heard 1 undetermined explosion	N/K	18 February, 08:52
	3-5km NW	Heard 2 undetermined explosions		18 February, 09:07
	5-7km WNW	Heard uncountable overlapping bursts and shots	Small arms	18 February, 09:12-09:13
	3-5km NNW	Heard 2 undetermined explosion	N/K	18 February, 09:14-09:27
	3-5km W	Heard 1 shot	Small arms	18 February, 09:38
	1-3km NNW	Heard 6 shots		18 February, 09:55
		Heard 7 shots		18 February, 10:00
	3-5km W	Heard 1 undetermined explosion	N/K	18 February, 11:10
		Heard 1 undetermined explosion		18 February, 11:42
	3-4km W	Heard 16 shots	Small arms	18 February, 14:57
SMM camera at Shyrokyne (20km E of Mariupol)	N/K N	Recorded 1 illumination flare from E to W	N/K	17 February, 18:31
		Recorded 1 illumination flare from E to W		17 February, 18:57
		Recorded 1 illumination flare from E to W		17 February, 19:03
		Recorded 1 undetermined explosion		17 February, 19:05-19:07
		Recorded 2 undetermined explosions		

		Recorded 1 tracer round from E to W		17 February, 19:11
		Recorded 2 tracer rounds from W to E		17 February, 19:12
		Recorded 11 tracer rounds from E to W		17 February, 19:15-19:16
		Recorded 1 tracer round from W to E		17 February, 19:16
		Recorded 6 tracer rounds from W to E		17 February, 19:23
		Recorded 2 tracer rounds from E to W		17 February, 19:23
		Recorded 1 subsequent undetermined explosion		17 February, 19:24-19:25
		Recorded 1 tracer round from W to E		17 February, 19:24-19:25
		Recorded 1 tracer round from SW to NE		17 February, 19:24-19:25
		Recorded 1 tracer round from W to E		17 February, 19:28-19:29
		Recorded 1 tracer round from W to E		17 February, 19:31
		Recorded 22 tracer rounds from W to E		17 February, 19:31
		Recorded 1 undetermined explosion		17 February, 19:38
		Recorded 1 tracer rounds from E to W		17 February, 19:40
		Recorded 1 tracer rounds from E to W		17 February, 19:53
		Recorded 2 undetermined explosions		17 February, 19:55
		Recorded 1 tracer rounds from W to E		17 February, 19:55
		Recorded 1 tracer round from E to W		17 February, 19:55
		Recorded 1 undetermined explosion		17 February, 20:00-20:02
		Recorded 4 tracer rounds from W to E		17 February, 20:02-20:06
		Recorded 11 tracer rounds from E to W		17 February, 20:02-20:06
		Recorded 2 tracer rounds from W to E		17 February, 20:11
		Recorded 11 tracer rounds from E to W		17 February, 20:11
		Recorded 5 tracer rounds from E to W		17 February, 20:14
		Recorded 1 undetermined explosion		17 February, 20:14
		Recorded 1 tracer rounds from W to E		17 February, 20:18-20:22
		Recorded 1 tracer rounds from E to W		17 February, 20:18-20:22
		Recorded 10 tracer rounds from W to E		17 February, 20:23 - 20:29
		Recorded 15 tracer rounds from W to E		17 February, 20:23 - 20:29
		Recorded 1 tracer rounds from E to W		17 February, 20:29-20:32
		Recorded 14 tracer rounds from W to E		17 February, 20:29-20:32
		Recorded 1 undetermined explosion.		17 February, 20:34-20:39
		Recorded 30 tracer rounds from W to E		17 February, 20:34-20:39
		Recorded 14 tracer rounds from W to E		17 February, 20:39-20:41
		Recorded 5 tracer rounds from W to E		17 February, 20:44-20:50
		Recorded 3 tracer rounds from E to W		17 February, 20:44-20:50
		Recorded 1 undetermined explosion.		17 February, 21:42
		Recorded 2 tracer rounds from W to E		17 February, 22:22
	N/K NNE	Recorded 1 tracer rounds from E to W	N/K	17 February, 23:27
		Recorded 10 tracer rounds from W to E		17 February, 23:28
		Recorded 1 tracer rounds from E to W		17 February, 23:35
		Recorded 12 tracer rounds from W to E		17 February ,23:37

		Recorded 35 undetermined tracer rounds	N/K	17 February, 23:40
		Recorded 5 undetermined tracer rounds		17 February, 23:41
		Recorded 10 undetermined tracer rounds		17 February, 23:55
		Recorded 1 undetermined tracer rounds		17 February, 23:58
		Recorded 5 tracer rounds from E to W		18 February, 00:02
		Recorded 1 rocket assisted projectile from E to W		18 February, 00:04
		Recorded 20 tracer rounds from E to W		18 February, 00:16
		Recorded 13 tracer rounds from E to W		18 February, 00:27
	N/K N	Recorded 7 tracer rounds from E to W		18 February, 00:30
		Recorded 2 tracer rounds from W to E		18 February, 00:30
		Recorded 5 tracer rounds from E to W		18 February, 00:33
		Recorded 2 tracer rounds from W to E		18 February, 00:40
		Recorded 14 undetermined tracer rounds		18 February, 00:40
		Recorded 4 tracer rounds from E to W		18 February, 03:22
	N/K NE	Recorded 4 tracer rounds from W to E		18 February, 03:24
		Recorded 4 tracer rounds from W to E		18 February, 03:25
		Recorded 2 tracer rounds from W to E		18 February, 03:25
		Recorded 1 tracer rounds from W to E		18 February, 03:25
		Recorded 1 tracer rounds from E to W		18 February, 04:58
	N/K N	Recorded 3 tracer rounds from E to W		18 February, 18:22
	2 Km S of Sakhanka (“DPR” controlled, 24 Km NE of Mariupol)	2km NW		Heard 3 explosions (outgoing)
1.5km NW		Heard 1 explosion (impact)	18 February, 10:22	
2-3km NW		Heard 1 burst	Small arms	18 February, 10:36 – 10:45
		Heard 5 shots		
N/K W		Heard 1 burst		
N/K SSW		Heard 1 shot	N/K	18 February, 10:45 – 11:00
		Heard 3 undetermined explosions		
2-3km NW		Heard 5 bursts	HMG	18 February, 11:00 – 11:16
N/K SSW		Heard 3 bursts	Small arms	
		Heard 3 shots		
		Heard 1 undetermined explosion	N/K	
2-3km NW		Heard 4 undetermined explosions	HMG	
2km WSW		Heard 1 burst		
	Heard uncountable overlapping shots			
2-3km NW	Heard uncountable overlapping shots	Small arms		
Bohdanivka (government-controlled, 41km SW of Donetsk)	N/K NW	Heard 1 undetermined explosion (assessed as outside of the disengagement area)	N/K	18 February, 12:36
Horlivka (“DPR”-controlled, 39km NE of Donetsk)	4-5km NW	Heard 7 bursts	HMG	17 February, 18:10
		Heard 4 burst		17 February, 18:42-18:44
	8-12kmSSW	Heard 13 undetermined explosions		

		Heard 2 undetermined explosions	N/K	17 February, 18:50
	7-10km SW	Heard 4 undetermined explosions		17 February, 19:15
	8-12km SSW	Heard 1 undetermined explosion		17 February, 19:20
		Heard 2 undetermined explosions		17 February, 19:25
		Heard 14 undetermined explosions		17 February, 19:26-19:30
	7-10km SW	Heard 4 undetermined explosions		17 February, 23:10-23:14
	4-8km SSW	Heard 5 undetermined explosions		18 February, 00:10-00:22
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7 km SE	Heard 2 undetermined explosions	N/K	17 February, 18:52
		Heard 1 undetermined explosions		17 February, 21:22
	5-7 km S	Heard 1 undetermined explosions		17 February, 21:26
	3-5 km S	Heard 4 bursts	HMG	17 February, 19:20-19:25
	3-5 km SE	Heard 7 bursts		17 February, 21:39-21:40
		Heard 9 bursts		17 February, 21:41-21:43
	3-5 km S	Heard 7 bursts		17 February, 21:54-22:03
		Heard 4 bursts		17 February, 22:29
	5-7km NE	Heard 1 undetermined explosion	N/K	18 February, 08:52
	5-8km SW	Heard 4 undetermined explosions		18 February, 16:25-16:28
		Heard 2 undetermined explosions		18 February, 16:32
		Heard 10 undetermined explosions		18 February, 16:35-16:40
		Heard 2 undetermined explosions	Mortar (120mm)	18 February, 16:58
		Heard 10 undetermined explosions	N/K	18 February, 17:02-17:03
		Heard uncountable overlapping bursts	HMG	18 February, 17:07-17:08
		Heard 17 undetermined explosions	N/K	18 February, 17:03-17:20
		Heard uncountable overlapping bursts	HMG	18 February, 17:17-17:19
		Heard 6 undetermined explosions	N/K	18 February, 17:21-17:28
Dovhe ("LPR"-controlled, 22km NW of Luhansk)	2-3km NW	Heard 10 rounds	AGL	18 February, 09:55 – 10:05
E of Orikhove Donetske (government-controlled, 44km NW of Luhansk)	1.5km SW	Heard 150 shots	Small arms	18 February, 11:23 - 11:27
	2km SW	Heard 3 bursts	HMG	18 February, 11:56 - 12:00
	3km W	Heard 20 bursts		18 February, 12:04
0.2km SE of Kriakivka (government-controlled, 38km NW of Luhansk)	3km SW	Heard 15 bursts	HMG	18 February, 12:21 to 12:22
		Heard 10 bursts	IFV, (BMP-2) cannon (30mm)	
1.4km NNE of Trokhizbenka (government-controlled, 32km NW of Luhansk)	4-5km S	Heard 1 undetermined explosion	N/K	18 February, 13:31-13:32
"DPR"-controlled Donetsk city centre	10-15km NNE	Heard 34 undetermined explosions	N/K	18 February, 18:27-18:45
	5-8km NE	Heard 1 burst (approx. 30 shots)	Anti-aircraft cannon (ZU-23, 23mm)	18 February, 18:37
	10-15km NW	Heard 1 undetermined explosion	N/K	18 February, 19:12
		Heard 1 undetermined explosion		18 February, 19:16

	10-15km NE	Heard 13 undetermined explosions		18 February, 19:48-19:54
	10-15km W	Heard 24 undetermined explosions		18 February, 20:49-20:53
	10-12km N	Heard 10 undetermined explosions		18 February, 22:27-22:40
		Heard 6 undetermined explosions		18 February, 23:19-23:44
	10-15km W	Heard 38 undetermined explosions		19 February, 00:37-01:35
SMM camera at Oktiabr mine (9km NW of Donetsk city centre)	8-12km NE	Recorded 1 undetermined explosion	N/K	18 February, 18:30
		Recorded 1 illumination flare in vertical flight		18 February, 18:31
		Recorded 1 illumination flare vertical flight		18 February, 18:40
		Recorded 1 undetermined explosion		18 February, 18:42
		Recorded 1 illumination flare vertical flight		18 February, 18:44-18:56
		Recorded 10 undetermined explosions		18 February, 18:59
		Recorded 1 illumination flare vertical flight		18 February, 19:01
		Recorded 1 illumination flare vertical flight		18 February, 19:03-19:08
		Recorded 3 airbursts		18 February, 19:08
		Recorded 23 undetermined explosions		18 February, 19:08
		Recorded 10 projectiles from SE to NW		18 February, 19:08
		Recorded 10 projectiles from NW to SE		18 February, 19:08
	3-6km NE	Recorded 1 illumination flare vertical flight		18 February, 19:08
	8-12km NE	Recorded 19 undetermined explosions	N/K	18 February, 19:20-19:23
		Recorded 1 projectile from SE to NW		18 February, 19:26
		Recorded 5 projectiles from NW to SE		18 February, 19:27
		Recorded 1 undetermined explosion		18 February, 19:29-19:57
		Recorded 57 undetermined explosions		18 February, 20:07
		Recorded 6 projectiles from NW to SE		18 February, 20:12-20:14
		Recorded 1 illumination flare in vertical flight		18 February, 20:16
		Recorded 10 projectiles from NW to SE		18 February, 20:18
		Recorded 3 undetermined explosions		18 February, 20:20
		Recorded 2 projectiles from SE to NW		18 February, 20:50
		Recorded 3 projectiles from NW to SE		18 February, 21:09
		Recorded 1 undetermined explosion		18 February, 21:10
		Recorded 1 illumination flare in vertical flight		18 February, 21:11
	6-10km NE	Recorded 6 projectiles from NW to SE	N/K	18 February, 21:27
	5-8km NE	Recorded 6 projectiles from SE to NW		18 February, 22:29-22:39
		Recorded 5 undetermined explosions		
		Recorded 1 projectile from NW to SE		
	6-10km NE	Recorded 1 undetermined explosion		
	4-6km NE	Recorded 7 undetermined explosions		

	6-10km NE	Recorded 1 illumination flare in vertical flight		18 February, 22:51
		Recorded 15 projectiles from SE to NW		18 February, 22:55
	8-12km NE	Recorded 1 undetermined explosion		18 February, 23:37
		Recorded 1 illumination flare in vertical flight		18 February, 23:48
		Recorded 1 illumination flare in vertical flight		19 February, 00:32
		Recorded 1 illumination flare in vertical flight		19 February, 00:35
	6-10km NE	Recorded 17 undetermined explosions		19 February, 05:56-06:01
	5-8km NE	Recorded 14 undetermined explosions		19 February, 06:10-06:16
	6-8 km NNE	Recorded 1 projectile from S to N		19 February, 17:18
		Recorded 1 undetermined explosion		19 February, 17:31
		Recorded 1 undetermined explosion		19 February, 17:32
		Recorded 1 undetermined explosion		19 February, 17:36
		Recorded 1 undetermined explosion		19 February, 17:37
		Recorded 2 illumination flares in vertical flight		19 February, 18:14
		Recorded 1 undetermined explosion		19 February, 18:16
		Recorded 1 undetermined explosion		19 February, 18:19
		Recorded 2 undetermined explosions		19 February, 18:22
Avdiivka (government-controlled, 17km N of Donetsk)	3-5km SW	Heard 2 undetermined explosions	N/K	19 February, 10:54
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)	2-4km NW	Heard 68 shots	Small arms	19 February, 09:52-10:10
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	3-7km W	Heard 8 undetermined explosions	N/K	19 February, 09:10-09:18
	2-3km W	Heard 3 shots	Small arms	19 February, 09:22
	3-5km W	Heard 5 bursts	HMG	19 February, 09:30
	2-3km W	Heard 17 undetermined explosions	N/K	19 February, 09:31
	3-5km W	Heard 15 undetermined explosions		19 February, 09:32-09:36
		Heard 14 bursts	HMG	
	2-3km W	Heard 2 shots	Small arms	19 February, 09:40
		Heard 8 bursts		
		Heard 2 undetermined explosions	N/K	19 February, 09:56
	2-4km SW	Heard 1 undetermined explosion	Small arms	19 February, 10:02
		Heard 15 shots		19 February, 10:09-10:13
		Heard 3 bursts		
		Heard 1 undetermined explosion	N/K	19 February, 10:14
	3-5km W	Heard 1 undetermined explosion	Small arms	19 February, 10:18
	2-4km W	Heard 1 burst		19 February, 10:20
	3km W	Heard 11 shots	Small arms	19 February, 10:25
		Heard 11 bursts		19 February, 10:30
		Heard 2 undetermined explosions	N/K	19 February, 10:34-10:38
	3-5km W	Heard 4 undetermined explosions	Small arms	19 February, 10:40
		Heard 10 bursts		19 February, 10:45-11:00
		Heard 8 bursts	N/K	19 February, 11:12
		Heard 4 undetermined explosions	Small arms	19 February, 11:23
		Heard 21 bursts		19 February, 11:24
	2-4km W	Heard 55 shots	N/K	19 February, 11:26-11:29
		Heard 1 undetermined explosion	N/K	
		Heard 5 shots	Small arms	19 February, 11:30
		Heard 1 undetermined explosion	Small arms	
	2-4km W	Heard uncountable overlapping bursts and shots	Small arms	
	2-4km W	Heard uncountable overlapping bursts		

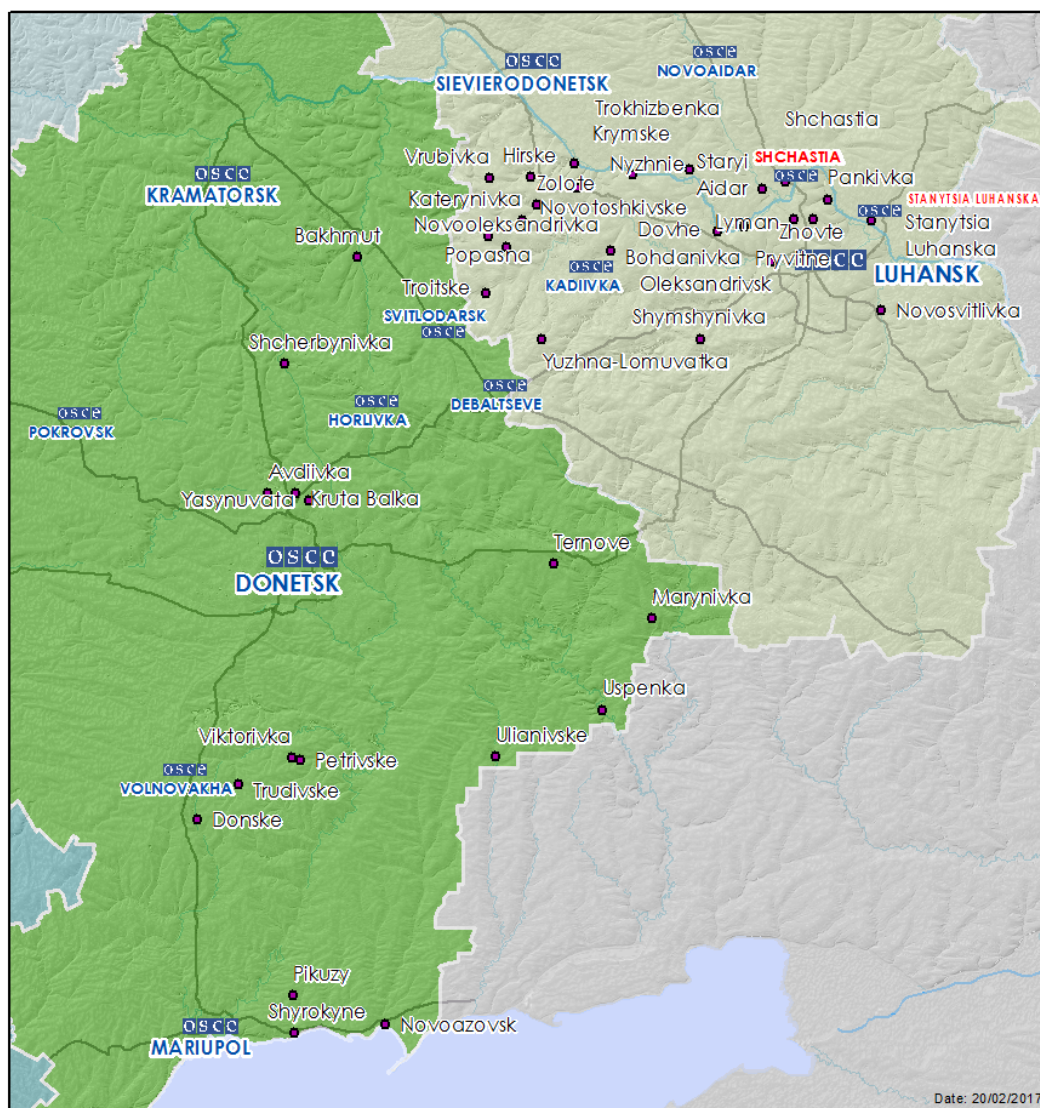
		and shots		
		Heard 2 undetermined explosions	N/K	19 February, 11:31
		Heard 1 undetermined explosion		19 February, 11:34
	1-3km W	Heard 30 shots	Small arms	19 February, 11:39
	1-3km NW	Heard uncountable overlapping bursts and shots		19 February, 11:46-11:50
	2-4km W	Heard 1 undetermined explosion	N/K	19 February, 11:51
	2-4km NW	Heard 10 bursts	Small arms	19 February, 11:52
	2-4km SW	Heard 4 bursts		19 February, 11:55
	2-4km NW	Heard uncountable overlapping bursts and shots		19 February, 11:58-12:00
		Heard 8 bursts		19 February, 12:02-12:03
		Heard 15 bursts		19 February, 12:05
		Heard 10 bursts		19 February, 12:07
	2-5km W	Heard 13 bursts		19 February, 12:37-12:47
		Heard 4 undetermined explosions	N/K	
	3-5km W	Heard 20 shots	Small arms	19 February, 12:53-13:02
	2-4km NW	Heard 1 undetermined explosion	N/K	19 February, 13:11
	2-4km W	Heard 1 undetermined explosion		19 February, 13:12
	1-3km NW	Heard 25 shots	Small arms	19 February, 13:13-13:15
		Heard 5 shots		19 February, 13:20
	3-5km W	Heard 5 undetermined explosions	N/K	19 February, 13:58-14:02
		Heard 26 bursts	Small arms	19 February, 14:17-14:20
		Heard 15 shots		19 February, 14:28-14:35
		Heard 10 undetermined explosions	N/K	19 February, 14:35-14:45
	3-5km NW	Heard 3 shots	Small arms	19 February, 14:54
	3-5km W	Heard 8 bursts		19 February, 14:59
	3-5km NW	Heard 1 burst		19 February, 15:02
	2-4km W	Heard 7 undetermined explosions	N/K	19 February, 15:08-15:10
SMM camera at Shyrokyne (20km E of Mariupol)	N/K N	Recorded 1 undetermined explosion	N/K	18 February, 19:30
		Recorded 1 rocket-assisted projectile from E to W		18 February, 20:24
		Recorded 2 undetermined explosions		
		Recorded 2 undetermined explosions		18 February, 20:27
		Recorded 1 rocket-assisted projectile from E to W		18 February, 20:30
		Recorded 4 undetermined explosions		18 February, 20:33
		Recorded 2 undetermined explosions		18 February, 20:34
		Recorded 1 rocket-assisted projectile from W to E		18 February, 20:35
		Recorded 1 rocket-assisted projectile from E to W		18 February, 20:37
		Recorded 6 tracer rounds from W to E		18 February, 20:40
		Recorded 5 tracer rounds from W to E		18 February, 20:42
		Recorded 1 illumination flare in vertical flight		18 February, 20:48
		Recorded 1 rocket-assisted projectile from E to W		18 February, 20:53
	N/K N	Recorded 10 tracer rounds from E to W	N/K	18 February, 20:56
		Recorded 1 undetermined explosion		18 February, 20:58
		Recorded 1 illumination flare in vertical flight		18 February, 21:03
		Recorded 1 undetermined explosion		18 February, 21:09

		Recorded 1 undetermined explosion		18 February, 21:16
		Recorded 1 undetermined explosion		18 February, 21:18
		Recorded 2 undetermined explosions		18 February, 21:19
		Recorded 1 undetermined explosion		18 February, 21:35
		Recorded 2 undetermined explosions		18 February, 21:36
		Recorded 1 illumination flare in vertical flight		18 February, 21:41
	N/K N	Recorded 1 tracer round from E to W	N/K	18 February, 23:14
		Recorded 1 tracer round from S to N		18 February, 23:39
		Recorded 1 undetermined explosion		19 February, 00:24
		Recorded 1 tracer round from S to N		19 February, 00:39
		Recorded 1 tracer round from E to W		19 February, 00:52
		Recorded 1 tracer round from E to W		19 February, 02:47
		Recorded 1 tracer round from E to W		19 February, 02:56
		Recorded 1 tracer round from E to W		19 February, 02:57
		Recorded 2 rocket-assisted projectiles from W to E		19 February, 03:20
		Recorded 1 tracer round from W to E		
		Recorded 1 undetermined explosion		19 February, 03:33
		Recorded 1 tracer round from E to W		
		Recorded 1 tracer round from W to E		19 February, 04:03
E edge of Sopyne (government-controlled, 16km E of Mariupol)	N/K N	Heard 1 undetermined explosion	N/K	19 February, 09:42
Hnutove (government-controlled, 20km NE of Mariupol)	5km ENE	Heard 4 shots	Small arms	19 February, 09:47
	5-7km SE	Heard 2 shots		19 February, 10:03
Pikuzy (formerly Kominternove) ("DPR"-controlled, 23km NE of Mariupol)	N/K SW	Heard 10 bursts	Small arms	19 February, 10:45
		Heard 20 shots		
		Heard 20 shots		19 February, 11:04-11:09
		Heard 4 explosions (outgoing)	Recoilless gun (SPG-9, 73mm) or mortar (82mm)	
	N/K S	Heard 50 shots	Small arms	19 February, 12:00-12:17
NE edge of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K SW	Heard 4 explosions (outgoing)	Mortar (type N/K)	
		Heard 1 burst	HMG	19 February, 10:56
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	4-6km SE	Heard 30 explosions (outgoing)	Artillery (type N/K)	18 February, 19:38-20:10
		Heard 20 explosions (outgoing)		18 February, 20:20-20:30
Svitlodarsk (government-controlled, 57km NE of Donetsk)	10-12 km SW	Heard 63 explosions (outgoing)	Artillery (N/K type)	18 February, 19:45-19:52
		Heard 33 explosions (outgoing)		18 February, 19:52-20:03
		Heard 2 explosions (outgoing)		18 February, 20:11
		Heard uncountable overlapping bursts and shots	HMG	18 February, 21:11-00:00
		Heard 1 burst		18 February, 21:37
		Heard 1 explosion (outgoing)	Artillery (N/K type)	18 February, 21:55
		Heard 1 explosion (outgoing)		18 February, 22:10
		Heard 1 explosion (outgoing)		18 February, 22:17
		Heard uncountable overlapping bursts	HMG	19 February, 00:00-

		and shots		04:00
	5-7km SW	Heard uncountable overlapping bursts	HMG	19 February, 10:00-10:01
		Heard 2 undetermined explosions	N/K	19 February, 12:02
		Heard 2 undetermined explosions		19 February, 16:05
	5-6km SW	Heard 5 explosions (outgoing)	AGL	19 February, 17:15
		Heard 7 explosions (outgoing)		19 February, 17:20
		Heard 2 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	19 February, 17:22
	6-7km SW	Heard 1 explosion (impact)	Mortar (82mm)	19 February, 17:23
		Heard 3 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	19 February, 17:24
Kamianka (government-controlled, 20km north of Donetsk)	2km NW	Heard 4-5 shots	Small arms	19 February, 14:45
	3km S	Heard 1 bursts		19 February, 15:02
	2km W	Heard 1 undetermined explosion	N/K	19 February, 14:48
	3km SE	Heard 4 undetermined explosions		19 February, 15:10
	2 km SW	Heard 2 undetermined explosions		
SMM camera at Stanytsia Luhanska (government-controlled 16km NE of Luhansk)	1.7km SSE	Recorded 1 shot (assessed as inside the disengagement area)	Small arms	16 February, 18:34
		Recorded 1 shot (assessed as inside the disengagement area)	Small arms	16 February, 18:35
	2km SSE	Recorded 1 shot (assessed as outside the disengagement area)	Small arms	16 February, 18:40
	1.7km SSE	Recorded 1 shot (assessed as inside the disengagement area)	Small arms	16 February, 19:39
	0.4km S	Recorded 1 explosion (impact) (assessed as inside the disengagement area)	Rocket (type N/K)	16 February, 23:32
		Recorded 1 projectile in flight from NW to SE (assessed as inside the disengagement area)	Rocket (type N/K)	
	1.1km S	Recorded 1 projectile in flight from SE to NW (assessed as inside the disengagement area)	Recoilless gun (SPG-9, 73mm)	16 February, 23:44
	0.8km S	Recorded 1 projectile in flight from NNW to SSE (assessed as inside the disengagement area)	N/K	16 February, 23:46
	0.4km WSW	Recorded 1 projectile in flight from S to N (assessed as inside the disengagement area)	ATGM (type N/K)	16 February, 23:47
	0.8km S	Recorded 2 explosions (impacts) (assessed as inside the disengagement area)	Mortars (type N/K)	16 February, 23:53
	0.8km S	Recorded 1 explosion (outgoing) (assessed as inside the disengagement area)	RPG	17 February, 00:02
	0.8km S	Recorded 1 explosion (impact) (assessed as inside the disengagement area)	Mortar (type N/K)	17 February, 00:21
	1.0km S	Recorded 1 airburst (assessed as inside the disengagement area)	Mortar or artillery (type N/K)	17 February, 00:21
	0.8km SE	Recorded 2 shots (assessed as inside the disengagement area)	Small arms	17 February, 04:01
	0.3km SW	Recorded 2 shots (assessed as inside the disengagement area)	Small arms	17 February, 04:21

	1.7km S	Recorded 3 shots (assessed as inside the disengagement area)	Small arms	17 February, 04:38
3km NW of Oleksandrivsk ("LPR"-controlled, 10km W of Luhansk)	2-3km NW	Heard 20 shots	Small arms	19 February, 09:03-09:23
Novooleksandrivka (non-controlled, 65km W of Luhansk)	1.5km SE	Heard 3 bursts	Small arms	19 February 11:25
Katerynivka (government-controlled, 64km W of Luhansk)	1km SW	Heard 18 shots	Small arms	19 February, 11:25 – 11:30
Yuzhna-Lomuvatka ("LPR"-controlled, 60km W of Luhansk)	5-10km NW	Heard 15 bursts	HMG	19 February, 11:43 - 11:47
		Heard 40 shots		19 February 12:00-12:05
Zolote-4 (government-controlled, 60km W of Luhansk)	2km SW	Heard 2 undetermined explosions (assessed to be inside or very close to the disengagement area)	N/K	19 February, 12:23

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.)