

**Table of ceasefire violations as of 12 November 2017<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time	
SMM camera in Petrivske (“DPR”-controlled, 41km S of Donetsk)	0.3-0.5km S	Recorded 1 burst NW to SE (assessed as outside the disengagement area)	Small arms	10 November, 02:35	
	0.1-0.3km SW	Recorded 1 burst from NE to SW (assessed as outside the disengagement area)		10 November, 02:59	
	1-3km SW		Recorded 7 tracers from W to E (assessed as inside disengagement area)	N/K	10 November, 17:04
			Recorded 8 shots from W to E (assessed as inside disengagement area)		10 November, 17:05
			Recorded 4 tracers from W to E (assessed as inside disengagement area)		
			Recorded 1 burst (4 shots each) from W to E (assessed as inside disengagement area)		10 November, 21:15
			Recorded 2 shots from W to E (assessed as inside disengagement area)		
			Recorded 9 tracers from W to E (assessed as inside disengagement area)		
			Recorded 1 tracer from SE to NW (assessed as inside disengagement area)		11 November, 02:31
	Recorded 32 tracers from E to W (assessed as inside disengagement area)	11 November, 02:59-03:00			
1.5km NW of Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	3-4km N	Heard and saw 1 explosion (impact)	N/K	11 November, 14:56	
1.9km NW of Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	2km NW	Heard 2 undetermined explosions	N/K	12 November, 13:55	
Railway station in Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	5-10km SSW	Heard 6 undetermined explosions	N/K	11 November, 11:52-11:59	
	5-6km SSW	Heard uncountable overlapping bursts	Small arms		
	5km SSW	Heard 4 undetermined explosions	N/K	11 November, 12:00-12:12	
	4-6km SSW		Heard uncountable overlapping shots	HMG	11 November, 12:12-12:13
			Heard 2 undetermined explosions	N/K	11 November, 12:13-12:15
	3-5km NW	Heard 2 undetermined explosions	11 November, 12:17		
	6-10km SW	Heard 2 undetermined explosions	11 November, 12:19 -12:35		
	3-5km NW	Heard 19 undetermined explosions			
	3-5km W	Heard 4 undetermined explosions			
	2-3km W	Heard 4 bursts	HMG	11 November, 12:40 -12:55	
	3-5km NW	Heard 7 undetermined explosions	N/K		
	2-3km W	Heard 6 bursts	HMG		
3-4km W		Heard 1 undetermined explosion	N/K	11 November, 12:57	

<sup>1</sup> 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.

		Heard 2 bursts	Small arms	11 November, 13:15
	3-4km NW	Heard 1 shot		
	3-5km W	Heard 2 undetermined explosions	N/K	11 November, 13:40-13:45
	5-8km W	Heard 2 undetermined explosions		
	4km W	Heard 2 undetermined explosions		
	2-4km WNW	Heard 2 bursts	HMG	11 November, 14:07-14:15
	2-5km W	Heard 1 undetermined explosion	N/K	
		Heard 28 bursts	HMG	12 November, 09:55-10:05
		Heard 4 shots	Small arms	
		Heard 12 shots		
		Heard 5 undetermined explosions	N/K	12 November, 10:08-10:20
		Heard 1 shot	Small arms	12 November, 11:45-12:10
		Heard 1 undetermined explosion	N/K	12 November, 12:15-12:33
	3-7km NW	Heard 2 undetermined explosions		
	2-5km NW	Heard 5 undetermined explosions		
	2-5km W	Heard 9 undetermined explosions		
	2-3km SW	Heard 10 shots	Small arms	12 November, 12:33-13:00
	2-4km W	Heard 5 undetermined explosions	N/K	
	2-4km SW	Heard 4 undetermined explosions		
	2-4km W	Heard 21 undetermined explosions		
	3-4km W	Heard 4 undetermined explosions		
	2-3km W	Heard 6 bursts	Small arms	
		Heard 4 undetermined explosions	N/K	12 November, 13:08-13:13
		Heard 3 bursts	Small arms	
	3-7km W	Heard 2 undetermined explosions	N/K	12 November, 13:39-13:40
	2-3km WNW	Heard 19 shots	Small arms	
		Heard uncountable overlapping bursts		
SW edge of Yasyuvata ("DPR"-controlled, 16km NE of Donetsk)	2-4km WNW	Heard 1 undetermined explosion		12 November, 13:53-14:15
	5-10km SW	Heard 30 undetermined explosions	N/K	12 November, 14:27-14:55
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km ESE	Heard 5 shots	Small arms	11 November, 10:55
		Heard 3 bursts		
	2-7km S	Heard 15 undetermined explosions	N/K	11 November, 10:58-11:16
		Heard 22 bursts		
	2-3km S	Heard 27 shots	HMG	11 November, 11:35-12:00
	2-4km SSW	Heard 15 undetermined explosions	N/K	
	2-3km SSW	Heard 8 bursts	HMG	
		Heard 63 bursts		
	2-3km SW	Heard 20 undetermined explosions	N/K	11 November, 12:03
	2-4km S	Heard 1 undetermined explosion		
	2-4km SSW	Heard 2 undetermined explosions		
		Heard 16 undetermined explosions	Small arms	
		Heard 3 bursts		
	2-4km SW	Heard 26 bursts	N/K	11 November, 12:09-12:34
		Heard 1 undetermined explosion		
	1-3km E	Heard 12 undetermined explosions	N/K	11 November, 12:46-12:50
	2-4km E	Heard 19 undetermined explosions		
		Heard 5 bursts	HMG	
	3-5km SW	Heard 2 undetermined explosions	N/K	12 November, 10:50-11:44
	2-3km SW	Heard 1 undetermined explosion	N/K	
	2-3km S	Heard 1 undetermined explosion		
	4-5km S	Heard 1 undetermined explosion		
	2-4km SW	Heard 6 bursts	HMG	12 November, 11:50
	3-4km S	Heard 2 undetermined explosions	N/K	
	3-4km SW	Heard 8 undetermined explosions		
		Heard 2 undetermined explosions		
	3-4km SE	Heard 4 undetermined explosions		12 November, 12:03-12:34
2-3km SE	Heard 2 bursts	HMG	12 November, 13:01	
			12 November, 14:25-14:55	
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km E	Recorded 10 tracers from E to W	N/K	10 November, 17:02
		Recorded 3 tracers from E to W		10 November, 17:03
		Recorded 1 explosion (impact)		10 November, 17:05
		Recorded 1 explosion (impact)		10 November, 17:06
		Recorded 7 tracers from E to W		10 November, 17:08

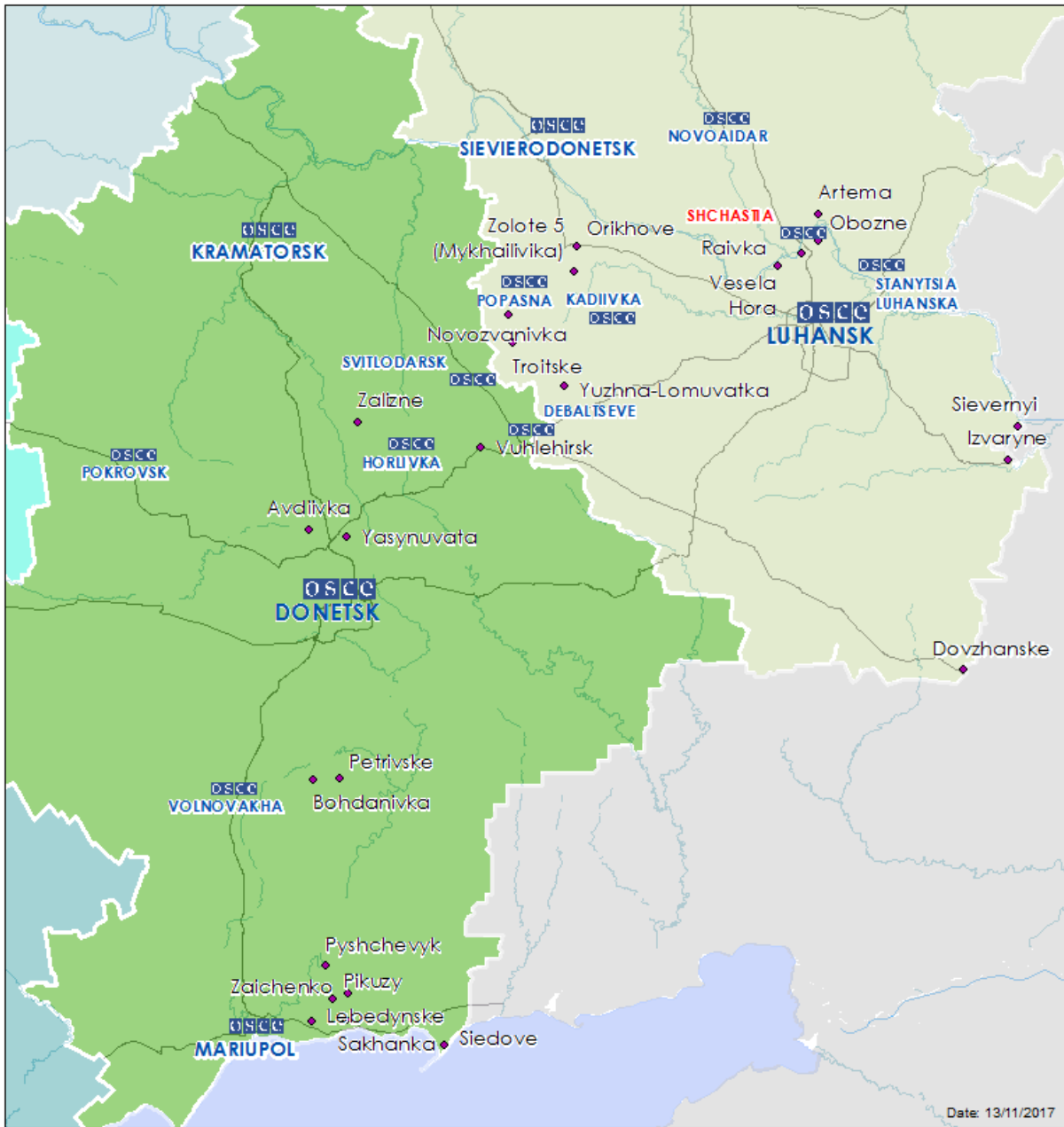
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)	2-3km W	Heard 17 shots	Small arms	12 November, 09:40-09:55
		Heard 3 undetermined explosions	N/K	12 November, 10:09-10:14
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5km S	Recorded 1 tracer from E to W	N/K	10 November, 16:47
		Recorded 2 undetermined explosions		10 November, 17:00
		Recorded 1 tracer from E to W		10 November, 17:01
		Recorded 4 undetermined explosions		10 November, 17:02
		Recorded 3 tracers from W to E		10 November, 17:03
		Recorded 4 projectiles from W to E		10 November, 17:05
		Recorded 25 projectiles from E to W		10 November, 17:09
		Recorded 3 undetermined explosions		10 November, 17:11
		Recorded 1 undetermined explosion		10 November, 17:39
		Recorded 2 undetermined explosions		10 November, 18:08
		Recorded 3 explosions (outgoing)	Mortar (type N/K)	10 November, 18:17
		Recorded 1 explosion (impact)		10 November, 18:18
		Recorded 1 undetermined explosion	N/K	10 November, 18:19
		Recorded 1 undetermined explosion		10 November, 18:27
		Recorded 1 tracer from E to W		10 November, 18:40
		Recorded 1 tracer from W to E		10 November, 18:41
		Recorded 4 tracers from E to W		10 November, 18:43
		Recorded 3 undetermined explosions		10 November, 18:44
		Recorded 1 undetermined explosion		10 November, 18:43
		Recorded 3 undetermined explosions		10 November, 18:43
		Recorded 3 undetermined explosions		10 November, 18:43
		Recorded 5 undetermined explosions		10 November, 18:43
		Recorded 1 projectile from E to W		10 November, 18:43
		Recorded 5 tracers from E to W		10 November, 18:43
		Recorded 5 tracers from E to W		10 November, 18:43
		Recorded 1 undetermined explosion		10 November, 18:43
		Recorded 2 tracers from W to E		10 November, 18:43
		Recorded 1 tracer from W to E		10 November, 18:43
		Recorded 3 tracers from W to E		10 November, 18:43
		Recorded 1 tracer from W to E		10 November, 18:43
		Recorded 3 projectiles from E to W		10 November, 18:43
		Recorded 5 projectiles from E to W		10 November, 18:43
		Recorded 4 projectiles from E to W		10 November, 18:43
		Recorded 1 undetermined explosion		10 November, 18:43
		Recorded 2 projectiles from E to W		10 November, 18:43
		Recorded 6 projectiles from E to W		10 November, 18:43
		Recorded 1 projectile from E to W		10 November, 18:43
		Recorded 1 explosion (impact)		10 November, 18:43
		Recorded 2 projectiles from E to W		10 November, 18:43
		Recorded 2 undetermined explosions		10 November, 18:43
		Recorded 1 undetermined explosion		10 November, 18:43
		Recorded 4 tracers from E to W		10 November, 18:43
		Recorded 1 explosion (impact)		10 November, 18:43
Recorded 14 undetermined explosions.	10 November, 18:43			
Recorded 2 projectiles from W to E.	10 November, 18:43			
Recorded 1 projectile from W to E	10 November, 18:43			
Recorded 1 undetermined explosion	10 November, 18:43			
Recorded 3 undetermined explosions	10 November, 18:43			
Recorded 2 tracers from W to E	10 November, 18:43			
Recorded 1 undetermined explosion	10 November, 18:43			
Recorded 1 airburst	Artillery	10 November, 18:43		
Recorded 1 undetermined explosion	N/K	10 November, 18:43		
Recorded 1 tracer from W to E		10 November, 18:43		
Recorded 2 undetermined explosions		10 November, 18:43		
Recorded 2 undetermined explosions		10 November, 18:43		
Recorded 5 undetermined explosions		10 November, 18:43		
Recorded 6 undetermined explosions		10 November, 18:43		
Recorded 7 undetermined explosions		10 November, 18:43		
Recorded 6 undetermined explosions	N/K	10 November, 18:43		
Recorded 2 undetermined explosions	N/K	10 November, 18:43		

		Recorded 2 undetermined explosions	Artillery	11 November, 16:03
		Recorded 1 undetermined explosion		11 November, 16:05
		Recorded 1 undetermined explosion		11 November, 16:12
		Recorded 1 projectile from W to E		11 November, 16:31
		Recorded 2 explosions (incoming)		11 November, 17:51
		Recorded 3 projectiles from W to E		11 November, 18:30
		Recorded 1 airburst		11 November, 18:34
		Recorded 1 undetermined explosion		12 November, 02:38
		Recorded 1 projectile from E to W		12 November, 03:06
		Recorded 1 undetermined explosion		12 November, 03:09
		Recorded 1 undetermined explosion		12 November, 03:10
		Recorded 1 projectile from E to W		12 November, 03:38
		Recorded 1 tracer from E to W		12 November, 16:03
		Recorded 1 tracer from E to W		12 November, 16:04
		Recorded 1 undetermined explosion		12 November, 16:07
		Recorded 6 tracers from E to W		12 November, 16:08
		Recorded 5 tracers from E to W		12 November, 16:09
		Recorded 1 projectile from E to W		12 November, 17:20
		Recorded 5 tracers from E to W		12 November, 17:23
		Recorded 1 undetermined explosion		
Recorded 1 undetermined explosion				
Lebedynske (government-controlled, 15km NE of Mariupol)	N/K E	Heard 1 undetermined explosion	N/K	11 November, 09:26
2km SSE of Lebedynske (government-controlled, 15km NE of Mariupol)	2-3km E	Heard 2 undetermined explosions	N/K	11 November, 10:36-10:42
		Heard 2 bursts	Small arms	
	3-4km ESE	Heard 6 undetermined explosions	N/K	11 November, 10:46-10:58
	N/K NNE	Heard 10 undetermined explosions		
	2-3km NE	Heard 4 bursts	Small arms	11 November, 11:05
	N/K NNE	Heard 2 undetermined explosions		
3-4km NE	Heard 6 undetermined explosions	N/K	11 November, 11:12-11:22	
N/K NE	Heard 9 undetermined explosions			
2km SSE of Sakhanka ("DPR"-controlled, 24km NE of Mariupol)	1km W	Heard 17 undetermined explosions	N/K	11 November, 10:26-10:32
2.4km SE of Sakhanka ("DPR"-controlled, 24km NE of Mariupol)	N/K W	Heard 4 bursts	HMG	11 November, 10:35-10:50
		Heard 9 undetermined explosions		
	N/K N	Heard 8 undetermined explosions	N/K	
	N/K S	Heard 2 undetermined explosions		
SMM camera in Shyrokyne (20km E of Mariupol)	N/K	Recorded 6 tracers from E to W	N/K	10 November, 18:18
		Recorded 1 tracer from E to W		10 November, 18:32
		Recorded 3 tracers from W to E		10 November, 18:55
		Recorded 1 illumination flare from N to S		10 November, 18:57
		Recorded 2 tracers from W to E		10 November, 19:01
		Recorded 2 tracers from W to E		11 November, 22:29
	4-6km N	Recorded 1 undetermined explosion		11 November, 22:43
		Recorded 1 undetermined explosion		
1km SW of Shyrokyne (20km E of Mariupol)	N/K ENE	Heard 7 undetermined explosions	N/K	11 November, 10:26
		Heard 2 explosions (and saw smoke rising) (impacts)		
		Heard uncountable overlapping bursts and shots		
Bezimenne ("DPR"-controlled, 30km E of Mariupol)	N/K W	Heard 4 undetermined explosions	N/K	11 November, 11:30
3km NE of Zaichenko ("DPR"-controlled, 26 Km)	N/K SW	Heard 23 undetermined explosions	N/K	11 November, 12:00-12:20
		Heard 4 bursts		
	N/K S	Heard 3 undetermined explosions		

NE of Mariupol)	N/K SW	Heard 3 undetermined explosions		11 November, 12:40-12:45
1.5km E of Kulykove (“DPR”-controlled, 30 Km NE of Mariupol)	N/K SW	Heard 3 undetermined explosions	N/K	11 November, 13:05
1km NNW of entry-exit checkpoint Pyshevyk (government-controlled, 25km NE of Mariupol)	N/K SSE	Heard 5 bursts	HMG	12 November, 10:12-10:15
		Heard 10 shots	Small arms	
		Heard 13 undetermined explosions	N/K	12 November, 13:43-13:45
		Heard 1 burst	Small arms	
		Heard 6 single shots	IFV (BMP-2) cannon (30mm)	12 November, 13:53-13:56
		Heard 2 undetermined explosions	N/K	12 November, 13:59- 14:02
	Heard 1 shot	IFV (BMP-2) cannon		
	4-5km SW	Heard 1 undetermined explosion	N/K	12 November, 14:00-14:37
	2-3km SE/SSE	Heard 7 bursts	Small arms	
	4-5km SE/SSE	Heard 50 undetermined explosions	N/K	12 November, 14:39-14:44
	N/K SE	Heard 4 undetermined explosions		
	N/K S	Heard 3 undetermined explosions		
	N/K SSE	Heard 14 undetermined explosions		
	N/K E	Heard 4 undetermined explosions		
	N/K SE	Heard 2 undetermined explosions		
	N/K E	Heard 15 shots	Small arms	12 November, 14:44 -15:02
	N/K E	Heard 16 shots		
	N/K SE	Heard 1 burst	HMG	12 November, 15:09 -15:47
	N/K ESE	Heard 2 undetermined explosions	N/K	
	N/K S	Heard 62 undetermined explosions		
N/K SE	Heard 16 undetermined explosions			
N/K E	Heard 1 undetermined explosion			
N/K ESE	Heard 16 shots	Small arms		
Pikuzy (formerly Kominternove, “DPR”-controlled, 23km NE of Mariupol)	700m–1km S	Heard 3 undetermined explosions	N/K	12 November, 11:12
		Heard 7 bursts	Small arms	12 November, 11:16
Horlivka (“DPR”-controlled, 39km NE of Donetsk)	3-5km WNW	Heard 1 undetermined explosion	N/K	11 November, 09:13
Svitlodarsk (government-controlled, 57km NE of Donetsk)	6-7km SE	Heard 1 undetermined explosion	N/K	10 November, 18:40
	5-6km SE	Heard 5 bursts (3-5 shots each)	HMG	10 November, 19:06-19:11
		Heard 6 undetermined explosions	N/K	10 November, 19:14
	4-6km SE	Heard 6 bursts (3-5 shots each)	HMG	10 November, 19:21
		Heard 53 bursts (3-5 shots each)	Small arms	10 November, 20:00-20:30
	4-6km SSE	Heard 3 bursts (3-5 shots each)	HMG	10 November, 21:00
	5-6km SE	Heard 31 bursts (3-5 shots each)	Small arms	10 November, 21:00-21:15
	6-8km S	Heard at least 30 shots		11 November, 17:30-18:00
	5-6km SE	Heard 3 bursts	HMG	11 November, 20:30
		Heard 4 undetermined explosions	N/K	11 November, 21:00
		Heard 16 bursts	HMG	11 November, 21:02-21:10
	5-7km SE	Heard 5 undetermined explosions	N/K	11 November, 21:10-21:13
		Heard 9 bursts		11 November, 21:17-21:18
	4-6km SSE	Heard 2 bursts	HMG	11 November, 21:24
	4-6km SE	Heard 8 bursts		11 November, 21:28
5-7km SW	Heard 5 undetermined explosions	N/K	12 November, 17:00-17:10	
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-4km S	Heard 1 undetermined explosion (unable to assess whether inside or outside the disengagement area)	N/K	10 November, 21:03
	6-8km SSE	Heard 1 undetermined explosion (assessed as outside the disengagement area)		10 November, 21:09
	3km S	Heard 1 burst (unable to assess whether inside or outside the disengagement area)	HMG	11 November, 21:32
E edge of Zolote-5	1-2km E	Heard 90 shots (assessed as a live-fire	Small arms	12 November, 13:21-13:38

("LPR"-controlled, 61km NW of Luhansk)		exercise)		
4km WSW of Almazna ("LPR"-controlled, 55km W of Luhansk)	8-10 km WNW	Heard 1 undetermined explosion	N/K	11 November, 11:58
3.5km SW of Almazna ("LPR"-controlled, 55km W of Luhansk)	10-15km SW	Heard 1 undetermined explosion	N/K	12 November, 12:53
S edge of Kalynove ("LPR"-controlled, 60km W of Luhansk)	2-4km WNW	Heard 31 shots	HMG	12 November, 11:29-11:36
		Heard 2 outgoing explosions	N/K	
Yuzhna-Lomuvatka ("LPR"-controlled, 60km W of Luhansk)	5-7km NNW	Heard 5 undetermined explosions	N/K	12 November, 13:45-14:00
	5-7km W	Heard 2 undetermined explosions		12 November, 14:08-14:11
	5-7km N	Heard 3 undetermined explosions		12 November, 14:13-14:20
	5-7km W	Heard 2 undetermined explosions		12 November, 14:25
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	8-10km W	Heard 52 undetermined explosions (possibly impacts)	N/K	12 November, 16:08-16:54
		Heard 10 bursts	HMG	
Popasna (government-controlled, 69km W of Luhansk)	6-10km SSE	Heard 60 explosions (outgoing)	AGL	12 November, 16:40-16:50

### Map of Donetsk and Luhansk regions<sup>2</sup>



<sup>2</sup> 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 base from which SMM staff has temporarily relocated since 27 September 2016 based on recommendations of security experts from participating States.)