

**Table of ceasefire violations as of 15 December 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)	1-2km SSW	Recorded 1 tracer from E to W (assessed as inside the disengagement area)	N/K	13 December, 21:10	
Railway station in Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	3-4km SE	Heard 19 bursts	HMG	15 December, 08:41-08:56	
	2-3km W	Heard 2 bursts			
			Heard 6 undetermined explosions	N/K	
	3-4km SE	Heard 25 bursts	HMG	15 December, 09:02-09:15	
	3-5km W	Heard 6 undetermined explosions	N/K		
	1-3km W		Heard 3 shots	HMG	15 December, 09:17-09:21
			Heard 1 burst		
			Heard 6 undetermined explosions	N/K	
	2-4km NW		Heard 11 bursts	HMG	15 December, 09:45-09:50
			Heard 40 shots		
	1-3km NW		Heard 13 undetermined explosions	N/K	15 December, 10:15-10:45
			Heard 15 bursts	HMG	
			Heard 63 shots		
	1-3km W		Heard 2 undetermined explosions	N/K	
	1-2km W		Heard 68 shots	Small arms	15 December, 10:48-11:03
			Heard 28 bursts		
	1-3km W		Heard 2 undetermined explosions	N/K	15 December, 11:12-11:22
			Heard 4 bursts	HMG	
			Heard 5 shots		
	3-5km SW		Heard 14 undetermined explosions	N/K	15 December, 11:28-11:37
1-3km NW		Heard 3 bursts	HMG	15 December, 11:45-12:15	
		Heard 9 shots			
4-6km SW		Heard 15 undetermined explosions	N/K	15 December, 12:40-12:55	
2-3km W		Heard 3 undetermined explosions	N/K		
1-3km W		Heard 1 burst	HMG	15 December, 12:58	
		Heard 1 undetermined explosions	N/K		
1-3km NW		Heard 8 undetermined explosions	HMG	15 December, 13:45-14:15	
		Heard 12 shots			
		Heard 5 bursts			
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km S	Heard 5 undetermined explosions	N/K	15 December, 09:40-09:45	
	3-4km SW	Heard 3 undetermined explosions			
	3-4km S	Heard 6 undetermined explosions			
	3-5km SSW	Heard 3 undetermined explosions		15 December, 11:59	
	2-3km SE	Heard 20 shots	AGL	15 December, 12:42-12:45	
Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	3-5km NW	Heard 4 undetermined explosions	N/K	15 December, 12:00	
		Heard 2 bursts	HMG		
	4-5km WNW	Heard 2 undetermined explosions	N/K	15 December, 12:28	
	3-4km NW	Heard 8 bursts	HMG	15 December, 12:35-13:00	
		Heard 7 bursts			
	3-5km W	Heard 43 undetermined explosions	N/K	15 December, 13:05-13:10	
		Heard 7 undetermined explosions			
	3-5km W	Heard 8 bursts	HMG	15 December, 13:40	
		Heard 7 undetermined explosions	N/K	15 December, 13:42-13:47	
		Heard 4 bursts	HMG	15 December, 14:14-14:18	
Heard 1 shot					

<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.

	2-3km W	Heard 18 undetermined explosions	N/K	15 December, 14:37-14:57
		Heard 15 shots	Small arms	
		Heard 9 bursts	HMG	
	2-3km NW	Heard 5 undetermined explosions	N/K	
2.8km SE of Lomakyne (government-controlled, 15km NE of Mariupol)	1-2km E	Heard 3 explosions (outgoing)	RPG	15 December, 11:04-11:12
		Heard 3 subsequent explosions (impact)		
		Heard 1 burst	Small arms	
		Heard 6 shots		
	4km E	Heard 1 undetermined explosion	N/K	15 December, 11:27
		Heard 1 undetermined explosion		15 December, 11:34
Heard 2 explosions (impact)		15 December, 11:53-12:00		
Uzhivka (formerly Leninske, "DPR"-controlled, 24km NE of Mariupol)	1km SW	Heard at least 50 shots	Small arms	15 December, 13:29-13:30
		Heard uncountable bursts		
Horlivka (39km NE of Donetsk)	5-6km NW	Heard 5 undetermined explosions	N/K	14 December, 19:04
		Heard 11 bursts	HMG	14 December, 19:05
		Heard 12 undetermined explosions	N/K	14 December, 19:12
		Heard 2 undetermined explosions		14 December, 19:30
		Heard 9 bursts	HMG	14 December, 19:53
		Heard 2 undetermined explosions	N/K	14 December, 19:50
		Heard 6 undetermined explosions		14 December, 19:55
		Heard 10 undetermined explosions		14 December, 19:58
		Heard 7 bursts	HMG	14 December, 20:00
		Heard 2 undetermined explosions	N/K	14 December, 20:03
		Heard 2 bursts	HMG	14 December, 20:05
		Heard 8 undetermined explosions	N/K	14 December, 20:06
	7-8km SW	Heard 11 bursts	HMG	14 December, 20:07
	5-6km NW	Heard 5 undetermined explosions	N/K	14 December, 20:08
		Heard 2 undetermined explosions		14 December, 20:10
	7-8km SW	Heard 4 shots	Small arms	14 December, 20:11
		Heard 6 undetermined explosions	N/K	14 December, 20:15
	Heard 6 undetermined explosions	14 December, 20:21		
	Heard 3 undetermined explosions	14 December, 20:30		
	Heard 8 undetermined explosions	14 December, 20:34		
	5-6km NW	Heard 13 undetermined explosions	Small arms	14 December, 20:36
		Heard 3 shots		14 December, 20:48
		Heard 16 undetermined explosions	N/K	14 December, 20:50
		Heard 4 bursts	HMG	14 December, 20:51
	7-8km SW	Heard 3 shots	Small arms	14 December, 20:52
		Heard 11 undetermined explosions	N/K	14 December, 20:55
	5-6km NW	Heard 9 bursts	HMG	14 December, 20:56
		Heard 10 undetermined explosions	N/K	14 December, 20:57
		Heard 12 undetermined explosions		14 December, 20:58
		Heard 12 bursts	HMG	14 December, 20:59
		Heard 10 undetermined explosions	N/K	14 December, 21:00
		Heard 6 bursts	Small arms	14 December, 21:02
		Heard 6 bursts	HMG	14 December, 21:03
		Heard 3 undetermined explosions	N/K	14 December, 21:04
	7-8km SW	Heard 5 shots	Small arms	14 December, 21:05
		Heard 6 bursts		14 December, 21:06
		Heard 5 bursts	HMG	14 December, 21:12
		Heard 4 bursts		14 December, 21:20
	5-6km NW	Heard 7 undetermined explosions	N/K	14 December, 21:25
	7-8km SW	Heard 2 bursts	HMG	14 December, 21:28
		Heard 3 undetermined explosions	N/K	14 December, 21:55
		Heard 6 undetermined explosions		14 December, 22:15
	Heard 2 undetermined explosions	14 December, 22:40		
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km SSE	Heard 3 bursts	HMG	14 December, 19:11
		Heard 2 undetermined explosions	N/K	14 December, 19:19
		Heard 7 bursts	HMG	14 December, 20:09
		Heard 1 undetermined explosion	N/K	14 December, 20:17

		Heard 3 bursts	HMG	14 December, 20:28
		Heard 1 undetermined explosion	N/K	14 December, 20:46
		Heard 3 bursts	HMG	14 December, 20:54
		Heard 6 bursts		14 December, 21:18
		Heard 2 bursts		14 December, 21:25
		Heard 11 bursts		14 December, 21:37-21:40
	2-4km S	Heard 17 bursts		14 December, 21:50-21:54
		Heard 11 bursts		14 December, 21:50-21:54
	2-4km SSE	Heard 8 explosions (impacts)	Mortar (type N/K)	14 December, 22:15-21:20
		Heard 9 bursts	HMG	
		Heard 3 explosions (outgoing)	Mortar (type N/K)	
		Heard 7 shots	IFV (BMP-2), cannon (30mm)	
	2-4km W	Heard 10 bursts	HMG	
		Heard 2 undetermined explosions	N/K	
	2-4km SSE	Heard 2 explosions (impact)	Recoilless gun (SPG-9) (73mm)	14 December, 22:23
		Heard 3 bursts	HMG	14 December, 22:47-21:50
	2-4km W	Heard 6 explosions (impacts)	Mortar (type N/K)	
		Heard 4 bursts	HMG	
	2-4km SSE	Heard 4 undetermined explosions	N/K	14 December, 22:59
		Heard 7 bursts	HMG	14 December, 23:23
		Heard 8 bursts		
		Heard 1 explosion (impact)	Recoilless gun (SPG-9, 73mm)	14 December, 23:29
		Heard 6 bursts	HMG	14 December, 23:44
Heard 6 bursts				
4-5km SSE	Heard 7 undetermined explosions	N/K	15 December, 06:51	
2km S	Heard 2 explosions (outgoing)	Artillery (type N/K)	15 December, 06:59	
4-5km SSE	Heard 1 undetermined explosion	N/K	15 December, 07:30	
4-5km SSE	Heard 4 undetermined explosion		15 December, 17:40	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5km S	Recorded 3 undetermined explosions	N/K	14 December, 18:35
		Recorded 1 projectile from E to W		14 December, 18:37
		Recorded 1 undetermined explosion		14 December, 18:39
		Recorded 1 projectile from E to W		
		Recorded 1 airburst		14 December, 19:22
		Recorded 1 projectile from E to W		14 December, 19:49
		Recorded 9 projectiles from E to W		14 December, 20:22
		Recorded 3 projectiles from E to W		14 December, 20:24
		Recorded 2 projectiles from E to W		
		Recorded 8 projectiles from W to E		14 December, 20:26
		Recorded 1 undetermined explosion		14 December, 20:35
		Recorded 1 projectile from W to E		14 December, 20:37
		Recorded 1 projectiles from E to W		14 December, 20:45
		Recorded 4 projectiles from E to W		14 December, 20:52
		Recorded 1 projectile from W to E		14 December, 21:11
		Recorded 1 undetermined explosion		14 December, 21:19
		Recorded 1 projectile from W to E		14 December, 21:24
		Recorded 3 projectiles from E to W		14 December, 21:26
		Recorded 1 projectiles from W to E		14 December, 21:27
		Recorded 3 projectiles from E to W		14 December, 21:27
		Recorded 1 undetermined explosion		14 December, 21:32
		Recorded 1 projectile from W to E		14 December, 21:49
		Recorded 1 undetermined explosion		14 December, 21:51
		Recorded 1 projectile from W to E		

	Recorded 2 projectiles from W to E	14 December, 21:53
	Recorded 2 projectiles from E to W	14 December, 21:54
	Recorded 1 undetermined explosion	14 December, 22:09
	Recorded 1 undetermined explosion	14 December, 22:46
	Recorded 1 projectile from E to W	14 December, 22:59
	Recorded 3 projectiles from E to W	14 December, 23:07
	Recorded 1 projectile from E to W	14 December, 23:09
	Recorded 2 undetermined explosion	14 December, 23:10
	Recorded 3 projectiles from E to W	14 December, 23:13
	Recorded 1 projectile from W to E	14 December, 23:23
	Recorded 3 projectiles from E to W	14 December, 23:37
	Recorded 1 projectile from E to W	14 December, 23:38
	Recorded 1 projectile from W to E	
	Recorded 1 undetermined explosion	14 December, 23:40
	Recorded 1 undetermined explosion	14 December, 23:41
	Recorded 1 undetermined explosion	14 December, 23:47
	Recorded 2 projectiles from W to E	15 December, 00:01
	Recorded 1 undetermined explosion	15 December, 00:05
	Recorded 2 projectiles from E to W	15 December, 00:08
	Recorded 1 projectile from E to W	15 December, 00:10
	Recorded 1 undetermined explosion	15 December, 00:15
	Recorded 1 projectile from E to W	15 December, 00:28
	Recorded 1 projectile from E to W	15 December, 00:38
	Recorded 1 projectile from E to W	15 December, 00:51
	Recorded 1 undetermined explosion	15 December, 00:52
	Recorded 2 projectiles from W to E	
	Recorded 12 projectiles from E to W	15 December, 00:54
	Recorded 5 projectiles from E to W	15 December, 00:58
	Recorded 3 undetermined explosions	
	Recorded 5 projectiles from E to W	15 December, 00:59
	Recorded 3 projectiles from E to W	
	Recorded 1 undetermined explosion	15 December, 01:09
	Recorded 1 undetermined explosion	15 December, 01:14
	Recorded 1 undetermined explosion	15 December, 01:15
	Recorded 7 projectiles from E to W	15 December, 01:19
	Recorded 1 projectile from E to W	15 December, 01:44
	Recorded 1 projectile from W to E	15 December, 02:09
	Recorded 4 projectiles from W to E	15 December, 02:22
	Recorded 1 projectile from W to E	15 December, 02:38
	Recorded 1 projectile from W to E	15 December, 02:39
	Recorded 9 projectiles from W to E	15 December, 02:57
	Recorded 2 projectiles from W to E	15 December, 03:02
	Recorded 3 projectiles from W to E	15 December, 03:08
	Recorded 1 projectiles from W to E	15 December, 03:11
	Recorded 1 undetermined explosion	15 December, 03:23
	Recorded 2 projectiles from W to E	15 December, 03:34
	Recorded 1 projectile from W to E	15 December, 03:35
	Recorded 1 undetermined explosion	15 December, 03:43
	Recorded 1 illumination flare in vertical flight	15 December, 04:24
	Recorded 2 projectiles from E to W	15 December, 04:26
	Recorded 2 projectiles from E to W	15 December, 04:28
	Recorded 1 undetermined explosion	15 December, 04:35
	Recorded 1 undetermined explosion	15 December, 04:43

		Recorded 1 projectile from W to E		
		Recorded 1 undetermined explosion		15 December, 04:44
		Recorded 1 projectile from W to E		
		Recorded 2 undetermined explosions		15 December, 04:46
		Recorded 1 projectile from W to E		15 December, 04:47
		Recorded 1 projectile from W to E		15 December, 05:12
		Recorded 1 projectile from E to W		
		Recorded 1 projectile from W to E		15 December, 05:13
		Recorded 1 projectile from E to W		15 December, 05:23
		Recorded 5 projectiles from E to W		15 December, 05:25
		Recorded 2 projectiles from E to W		15 December, 05:34
		Recorded 3 projectiles from E to W		15 December, 06:11
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 84km S of Donetsk)	1-2km E	Recorded 1 projectile from W to E	N/K	15 December, 06:17
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	5-8 km N	Recorded 6 projectiles from E to W		14 December, 19:23
		Recorded 1 projectile from E to W		14 December, 19:42
		Recorded 20 projectiles from E to W		14 December, 19:43
		Recorded 1 projectile from E to W		14 December, 20:01
		Recorded 1 projectile from E to W		14 December, 20:11
		Recorded 1 projectile from W to E		14 December, 20:28
		Recorded 2 projectile from W to E		14 December, 20:31
		Recorded 6 projectile from W to E		14 December, 20:32
		Recorded 1 illumination flare in vertical flight	N/K	14 December, 20:39
		Recorded 3 projectiles from E to W		14 December, 21:05
		Recorded 1 projectile from W to E		15 December, 01:09
		Recorded 10 projectile from W to E		15 December, 01:10
		Recorded 1 projectile from W to E		15 December, 01:27
		Recorded 6 projectile from E to W		15 December, 01:33
		Recorded 1 projectile from W to E		15 December, 01:41
		Recorded 4 projectile from E to W		15 December, 01:46
Popasna (government-controlled, 60km W of Luhansk)	5-10km S	Heard 10 undetermined explosions	Artillery (type N/K)	14 December, 21:40
		Heard 2 undetermined explosions		14 December, 21:46
	5km S	Heard 2 undetermined explosions		14 December, 22:07
		Heard 5 undetermined explosions		14 December, 22:10
	5-10km SE	Heard 3 undetermined explosions		14 December, 22:20
		Heard 12 undetermined explosions		14 December, 22:25
	5-10km S	Heard 14 undetermined explosions		14 December, 22:39
	10km S	Heard 5 undetermined explosions		14 December, 22:47
	5km S	Heard 7 undetermined explosions		14 December, 22:54
	5km SW	Heard 6 undetermined explosions		14 December, 23:00
5-10km S	Heard 6 undetermined explosions	14 December, 23:12		
	Heard 2 undetermined explosions	14 December, 23:27		
	Heard 7 undetermined explosions	14 December, 23:44		
3-5km SE	Heard 17 shots	IFV (BMP-2) cannon (30mm)	14 December, 23:51	
N edge of Kalynove ("LPR"-controlled, 60km W of Luhansk)	5km SW	Heard 5 shots	HMG	15 December, 09:10
SMM camera at Prince Ihor Monument SE of Stanytsia Luhanska bridge (15km NE of	3.5km NW	Recorded two explosions (assessed as outgoing fire outside the disengagement area)	N/K	15 December, 19:10
		Recorded one explosion (assessed as launch) and vertical flight of flare	Signal flare	15 December, 19:12

Luhansk)		(assessed as outside the disengagement area)		
		Recorded one explosion (assessed as outgoing fire outside the disengagement area)	N/K	15 December, 19:17

## 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.)