

**Table of ceasefire violations as of 6 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)	0.5-1km SW	Recorded 1 tracer from E to W (assessed as inside of the disengagement area)	N/K	4 December, 00:50
	0.5-1km S	Recorded 1 tracer from N to S (unable to assess whether inside or outside of the disengagement area)		4 December, 17:52
	1-2km S	Recorded 6 tracers from W to E (assessed as inside of the disengagement area)		4 December, 18:02
		Recorded 1 tracer from W to E (assessed as inside of the disengagement area)		4 December, 23:23
	6-10km W	Recorded at least 300 tracers from N to S (assessed as outside of the disengagement area)		5 December, 00:22
	1-2km S	Recorded 1 tracer from W to E (assessed as inside of the disengagement area)		5 December, 00:25
Recorded 1 tracer from W to E (assessed as inside of the disengagement area)		5 December, 00:43		
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km ESE	Recorded 1 undetermined explosion	N/K	4 December, 22:28
Svitlodarsk (government-controlled, 57km NE of Donetsk)	6-8km SW	Heard 6 undetermined explosions	N/K	5 December, 18:33
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5km S	Recorded 1 projectile from E to W	N/K	5 December, 20:25
		Recorded 1 projectile from E to W		5 December, 20:36
		Recorded 2 projectiles from E to W		5 December, 20:37
		Recorded 1 projectile from E to W		5 December, 20:53
		Recorded 2 projectiles from E to W		5 December, 21:04
		Recorded 1 projectile from E to W		5 December, 21:14
		Recorded 2 projectiles from E to W		5 December, 21:17
		Recorded 1 projectile from E to W		5 December, 21:19
		Recorded 1 projectile from E to W		5 December, 21:21
		Recorded 1 undetermined explosion		5 December, 21:22
		Recorded 1 undetermined explosion		5 December, 21:28
		Recorded 1 undetermined explosion		5 December, 21:29
		Recorded 10 undetermined explosions		5 December, 21:30
		Recorded 1 projectile from E to W		5 December, 21:32
		Recorded 1 undetermined explosion		5 December, 21:37
		Recorded 4 undetermined explosions		5 December, 21:38
		Recorded 1 undetermined explosion		5 December, 21:39
		Recorded 3 undetermined explosions		5 December, 21:40
		Recorded 1 projectile from W to E		5 December, 21:41
		Recorded 2 undetermined explosions		5 December, 21:42
Recorded 1 undetermined explosion	5 December, 21:43			
Recorded 2 undetermined explosions	5 December, 21:43			
Recorded 1 undetermined explosion	5 December, 21:47			

<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.

	Recorded 2 projectiles from W to E	5 December, 22:03
	Recorded 6 undetermined explosions	
	Recorded 13 projectiles from E to W	5 December, 22:06
	Recorded 5 projectiles from W to E	
	Recorded 2 tracers from E to W	
	Recorded 3 projectiles from E to W	5 December, 22:13
	Recorded 1 projectile from E to W	5 December, 22:28
	Recorded 1 undetermined explosion	5 December, 23:03
	Recorded 1 undetermined explosion	
	Recorded 1 projectile from E to W	5 December, 23:08
	Recorded 3 projectiles from E to W	5 December, 23:09
	Recorded 1 undetermined explosion	
	Recorded 1 projectile from E to W	5 December, 23:10
	Recorded 2 projectiles from E to W	
	Recorded 1 projectile from W to E	5 December, 23:11
	Recorded 1 tracer from E to W	
	Recorded 3 undetermined explosions	
	Recorded 10 projectiles from E to W	5 December, 23:12
	Recorded 2 projectiles from W to E	
	Recorded 5 tracers from E to W	
	Recorded 1 undetermined explosion	5 December, 23:13
	Recorded 1 projectile from E to W	
	Recorded 3 undetermined explosions	5 December, 23:14
	Recorded 1 projectile from E to W	
	Recorded 13 undetermined explosions	5 December, 23:15
	Recorded 1 projectile from E to W	
	Recorded 2 undetermined explosions	5 December, 23:16
	Recorded 8 projectiles from E to W	
	Recorded 2 undetermined explosions	
	Recorded 3 projectiles from E to W	5 December, 23:24
	Recorded 1 tracer from W to E	
	Recorded 1 undetermined explosion	
	Recorded 1 projectile from E to W	5 December, 23:26
	Recorded 1 projectile from W to E	
	Recorded 1 projectile from E to W	5 December, 23:40
	Recorded 1 projectile from W to E	
	Recorded 1 undetermined explosion	5 December, 23:51
	Recorded 1 projectile from E to W	
	Recorded 3 projectiles from E to W	5 December, 23:52
	Recorded 3 projectiles from E to W	
	Recorded 3 projectiles from W to E	5 December, 23:53
	Recorded 1 projectile from W to E	
	Recorded 1 undetermined explosion	5 December, 23:55
	Recorded 1 undetermined explosion	6 December, 00:02
	Recorded 1 undetermined explosion	6 December, 00:09
	Recorded 1 undetermined explosion	6 December, 00:46
	Recorded 1 undetermined explosion	6 December, 00:47
	Recorded 1 undetermined explosion	
	Recorded 1 projectile from E to W	6 December, 00:50
	Recorded 1 projectile from E to W	6 December, 00:51
	Recorded 1 projectile from E to W	6 December, 00:52
	Recorded 2 undetermined explosions	
	Recorded 1 projectile from E to W	6 December, 00:53
	Recorded 2 undetermined explosions	
	Recorded 2 projectiles from E to W	6 December, 00:54
	Recorded 1 undetermined explosion	6 December, 00:55
	Recorded 1 undetermined explosion	6 December, 02:44
	Recorded 1 undetermined explosion	6 December, 03:26
	Recorded 1 undetermined explosion	6 December, 03:33
	Recorded 1 undetermined explosion	6 December, 03:41
	Recorded 1 undetermined explosion	6 December, 03:47
	Recorded 1 undetermined explosion	6 December, 03:50
	Recorded 2 undetermined explosions	6 December, 04:50
	Recorded 1 undetermined explosion	6 December, 04:51
	Recorded 1 undetermined explosion	6 December, 04:59
	Recorded 1 projectile from W to E	6 December, 05:00

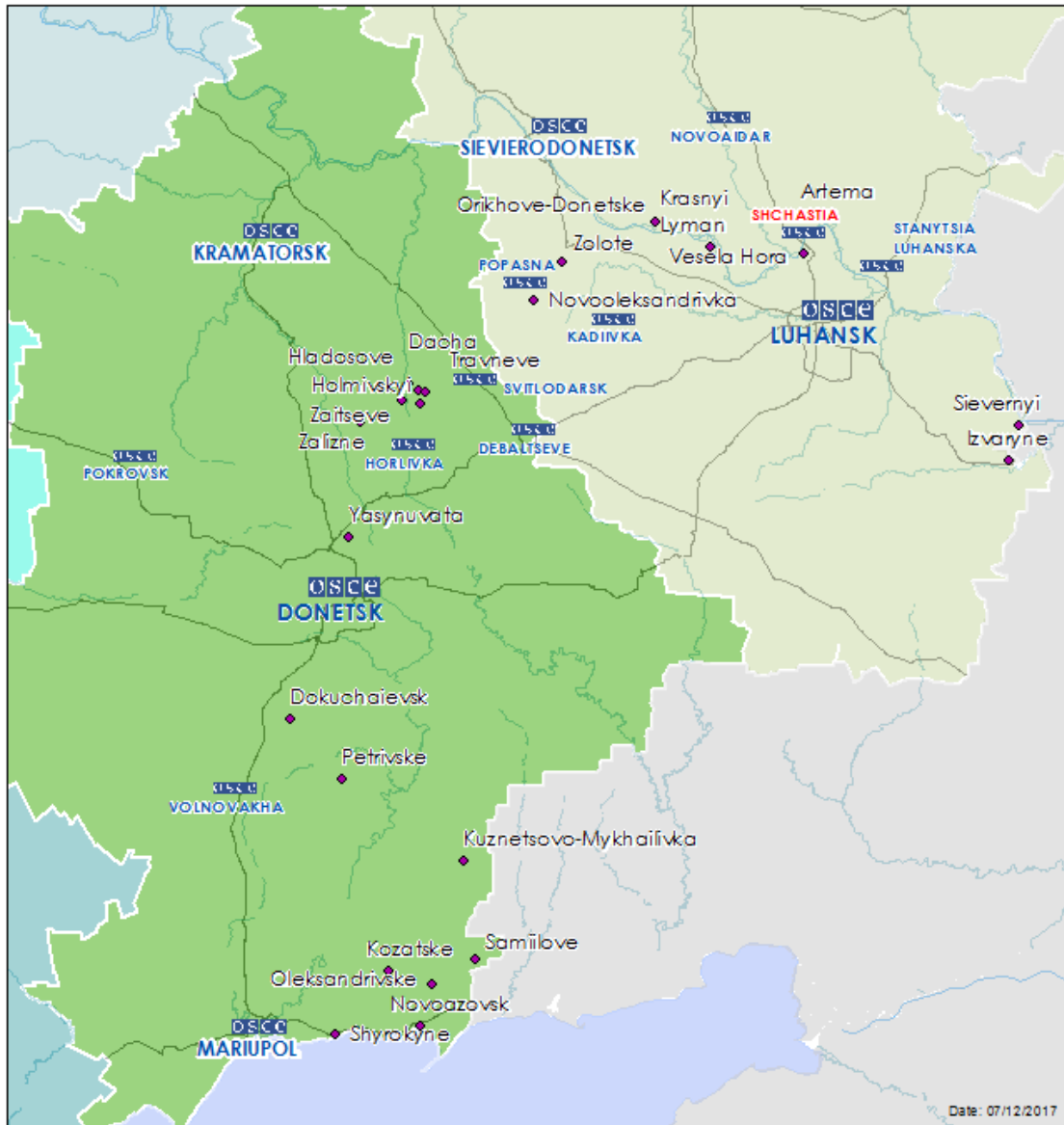
	Recorded 6 projectiles from E to W	6 December, 05:02
	Recorded 1 projectile from E to W	6 December, 05:04
	Recorded 2 projectiles from E to W	6 December, 05:20
	Recorded 1 undetermined explosion	
	Recorded 1 projectile from S to N	6 December, 16:11
	Recorded 3 undetermined explosions	6 December, 16:12
	Recorded 5 undetermined explosions	
	Recorded 8 projectiles (trajectory N/K)	6 December, 16:13
	Recorded 4 undetermined explosions	
	Recorded 5 projectiles from S to N	6 December, 16:14
	Recorded 12 undetermined explosions	
	Recorded 2 projectiles from S to N	6 December, 16:15
	Recorded 3 projectiles from S to N	
	Recorded 5 undetermined explosions	6 December, 16:17
	Recorded 5 projectiles from S to N	
	Recorded 2 undetermined explosions	6 December, 16:18
	Recorded 1 undetermined explosion	
	Recorded 2 projectiles from E to W	6 December, 16:22
	Recorded 5 projectiles from E to W	
	Recorded 1 undetermined explosion	6 December, 16:23
	Recorded 1 projectile from E to W	6 December, 16:24
	Recorded 17 tracers (trajectory N/K)	
	Recorded 2 undetermined explosions	6 December, 16:27
	Recorded 5 projectiles from E to W	
	Recorded 2 projectiles from E to W	6 December, 16:28
	Recorded 3 undetermined explosions	6 December, 16:30
	Recorded 4 tracers from E to W	
	Recorded 1 projectile from E to W	6 December, 16:32
	Recorded 8 tracers from S to N	
	Recorded 3 undetermined explosions	6 December, 16:34
	Recorded 3 tracers from S to N	
	Recorded 6 tracers from S to N	6 December, 16:35
	Recorded 1 undetermined explosion	
	Recorded 5 undetermined explosions	6 December, 16:36
	Recorded 6 tracers (trajectory N/K)	
	Recorded 2 undetermined explosions	6 December, 16:37
	Recorded 2 projectiles from S to N	
	Recorded 3 projectiles from E to W	6 December, 16:38
	Recorded 21 undetermined explosions	
	Recorded 1 projectile from E to W	6 December, 16:40
	Recorded 2 projectiles from S to N	
	Recorded 2 projectiles from E to W	6 December, 16:41
	Recorded 6 undetermined explosions	
	Recorded 10 tracers from S to N	6 December, 16:44
	Recorded 5 undetermined explosions	
	Recorded 3 undetermined explosions	6 December, 16:46
	Recorded 3 undetermined explosions	6 December, 16:48
	Recorded 1 undetermined explosion	6 December, 16:49
	Recorded 1 undetermined explosion	6 December, 16:52
	Recorded 2 undetermined explosions	6 December, 16:55
	Recorded 3 undetermined explosions	6 December, 16:56
	Recorded 1 undetermined explosion	6 December, 16:57
	Recorded 10 tracers from E to W	
	Recorded 1 undetermined explosion	6 December, 16:59
	Recorded 1 undetermined explosion	
	Recorded 11 projectiles from S to N	6 December, 17:06
	Recorded 1 undetermined explosion	6 December, 17:19
	Recorded 1 projectile from S to N	
	Recorded 4 projectiles from S to N	6 December, 17:19
	Recorded 2 projectiles from N to S	
	Recorded 1 undetermined explosion	6 December, 18:03

		Recorded 1 projectile from S to N		6 December, 18:05
		Recorded 3 projectiles from S to N		6 December, 18:06
		Recorded 1 undetermined explosion		6 December, 18:09
		Recorded 6 tracers from E to W		6 December, 18:11
		Recorded 2 tracers from E to W		6 December, 18:21
		Recorded 3 projectiles from S to N		6 December, 18:44
		Recorded 2 undetermined explosions		6 December, 19:17
		Recorded 1 undetermined explosion		
		Recorded 3 projectiles from W to E		
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	4-6km NNW	Heard 1 undetermined explosion	N/K	5 December, 21:21
		Heard 8 bursts	HMG	5 December, 21:26-21:28
		Heard 28 shots	Small arms	
	8-10km SW	Heard 1 undetermined explosion	N/K	5 December, 21:30
		Heard 7 bursts	HMG	5 December, 21:32-21:33
	Heard 12 shots	Small arms		
	4-6km NNW	Heard 4 bursts	HMG	5 December, 21:37-21:38
		Heard 12 shots	Small arms	
		Heard 3 bursts	HMG	5 December, 21:39-21:40
		Heard 14 shots	Small arms	
		Heard 1 undetermined explosion	N/K	
		Heard 3 bursts	HMG	5 December, 21:43-21:46
		Heard 1 undetermined explosion	N/K	
		Heard 6 bursts	HMG	5 December, 21:57
		Heard 4 bursts	HMG	5 December, 21:59
		Heard 5 shots	Small arms	5 December, 22:01
	Heard 2 undetermined explosions	N/K		
	4-7km SW	Heard 3 bursts	HMG	5 December, 22:21
		Heard 1 undetermined explosion	N/K	
		Heard 4 bursts	HMG	5 December, 22:23
0.8km SW	Heard 29 shots (assessed as a live-fire exercise)	Small arms	6 December, 14:40-14:42	
SMM camera 1km south-west of Shyrokyne (20km E of Mariupol)	5-8km N	Recorded 17 projectiles from E to W	N/K	5 December, 21:04
		Recorded 6 projectiles from E to W		5 December, 21:37
		Recorded 5 projectiles from E to W		5 December, 22:38
		Recorded 1 projectile from W to E		5 December, 22:39
		Recorded 1 projectile from E to W		5 December, 22:53
		Recorded 1 projectile from W to E		5 December, 22:55
		Recorded 2 projectiles from E to W		5 December, 22:56
		Recorded 2 projectiles from E to W		5 December, 22:58
		Recorded 2 projectiles from W to E		5 December, 22:59
		Recorded 1 projectile from E to W		5 December, 23:04
		Recorded 1 projectile from W to E		5 December, 23:10
		Recorded 2 projectiles from E to W		5 December, 23:18
		Recorded 1 projectile from E to W		5 December, 23:19
		Recorded 12 projectiles from E to W		6 December, 00:50
		Recorded 5 projectiles from E to W		6 December, 00:55
		Recorded 1 undetermined explosion		6 December, 03:16
		SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)		N/K
Railway station in Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-3km W	Heard 10 bursts	HMG	6 December, 08:40-08:45
		Heard 3 undetermined explosions	N/K	6 December, 08:48-08:50
		Heard 15 bursts	HMG	6 December, 08:52
	3-4km W	Heard 10 bursts	HMG	6 December, 08:53
	2-3km W	Heard uncountable overlapping bursts and shots	Small arms	6 December, 08:55
		Heard 1 undetermined explosion	N/K	6 December, 08:57
		Heard uncountable overlapping bursts and shots	Small arms, HMG	6 December, 08:59-09:01
	1-3km W	Heard 14 undetermined explosions	N/K	6 December, 09:02-09:08

		Heard at least 50 shots	Small arms		
		Heard at least 15 bursts	HMG		
	1-3km W		Heard 5 undetermined explosions	N/K	6 December, 09:45-09:47
			Heard uncountable overlapping bursts and shots	Small arms, HMG	6 December, 10:05
			Heard 8 undetermined explosions	N/K	6 December, 10:06-10:10
			Heard uncountable overlapping bursts and shots	Small arms, HMG	6 December, 10:08-10:09
			Heard 3 undetermined explosions	N/K	6 December, 10:12-10:17
			Heard 23 bursts	Small arms	6 December, 10:17-10:21
			Heard 2 undetermined explosions		6 December, 10:22-10:25
	2-3km WSW	Heard 2 undetermined explosions	N/K	6 December, 10:31	
	3-5km W	Heard 2 undetermined explosions		6 December, 10:38-10:52	
	1-3km W	Heard 3 undetermined explosions			
		Heard 17 shots	Small arms		
		Heard 2 bursts	HMG		
	3-5km W	Heard 16 undetermined explosions	N/K	6 December, 11:01-11:06	
		Heard 15 bursts	HMG		
		Heard 19 shots			
	1-5km W	Heard 12 bursts	Small arms	6 December, 11:12-11:17	
		Heard 18 shots			
		Heard 12 undetermined explosions	N/K		
	3-5km W	Heard 12 bursts	Small arms	6 December, 12:00	
		Heard 4 shots		6 December, 12:02	
	2-4km WNW	Heard 2 undetermined explosions	N/K	6 December, 12:04-12:11	
	3-5km W	Heard 1 undetermined explosion			
	4-5km W	Heard uncountable overlapping bursts and shots			Small arms, HMG, AGL
	2-3km WSW	Heard 4 bursts	HMG	6 December, 12:23	
	3-5km W	Heard 1 undetermined explosion	N/K	6 December, 13:05	
Heard 1 undetermined explosion			6 December, 13:12		
1-3km W	Heard 5 shots	Small arms	6 December, 13:17		
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SW	Heard 1 undetermined explosion	N/K	6 December, 10:25	
Oktiabr mine ("DPR"-controlled, 9km NW of Donetsk city centre)	1km N	Heard 1 undetermined explosion	N/K	6 December, 10:27	
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)	3-5km NW	Heard 1 undetermined explosion	N/K	6 December, 09:04	
	1-3km W	Heard 2 undetermined explosions	N/K	6 December, 10:56	
Petrivske ("DPR"-controlled, 41km S of Donetsk)	2-3km SW	Heard 6 bursts (unable to assess whether inside or outside of the disengagement area)	Small arms	6 December, 10:55	
		Heard 7 bursts (unable to assess whether inside or outside of the disengagement area)		6 December, 10:57	
		Heard 10 bursts (unable to assess whether inside or outside of the disengagement area)		6 December, 11:00	
	3-5km NW	Heard 3 undetermined explosions (assessed as outside of the disengagement area)	N/K	6 December, 11:05	
	2-3km NW	Heard 1 burst (assessed as outside of the disengagement area)	Small arms		
	1-2km NW	Heard 1 undetermined explosion (assessed as outside of the disengagement area)	N/K	6 December, 11:10	

2.3km NW of Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	1.5km NW	Heard and saw 1 explosion (impact)	N/K	6 December, 12:14
		Heard 1 undetermined explosion	N/K	6 December, 12:40
Dokuchaievsk (“DPR”-controlled, 30km SW of Donetsk)	2-3km W	Heard 1 undetermined explosion	N/K	6 December, 11:55
		Heard 3 bursts	Small arms	
	1-2km W	Heard 6 bursts	HMG	6 December, 12:57
		Heard 5 bursts		6 December, 13:00
Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	1-3km W	Heard 13 bursts	HMG	6 December, 14:36
		Heard 3 bursts		6 December, 14:45
SMM camera at Prince Ihor Monument SE of Stanytsia Luhanska bridge (15km NE of Luhansk)	70m N	Recorded 1 undetermined explosion (assessed as outside the disengagement area)	N/K	5 December, 22:58
SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2.2km SSE	Recorded 1 undetermined explosions (assessed as outside the disengagement area)	N/K	5 December, 22:56
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3km W	Heard 50 undetermined explosions (assessed as outside the disengagement area)	N/K	6 December, 06:48-06:54
		Heard 21 shots (assessed as outside the disengagement area)	HMG	
Popasna (government-controlled, 69km west of Luhansk)	4-5km SE	Heard 4 explosions	Mortar (type N/K)	6 December, 16:25-16:35
Krasnyi Lyman (“LPR”-controlled, 30km NW of Luhansk)	5km NNW	Heard 8 bursts	HMG	6 December, 10:18
	3km NNE	Heard 40 bursts		6 December, 10:49
	10km W	Heard 10 undetermined explosions	N/K	6 December, 10:58-11:01
	5km NNW	Heard 25 bursts	HMG	6 December, 11:22
	1km NNW	Heard 14 bursts		6 December, 11:28
	1km WNW	Heard 1 explosion (outgoing)	SPG (type N/K)	6 December, 11:38
Trokhizbenka (government-controlled, 32km NW of Luhansk)	5km S	Heard 1 undetermined explosion	N/K	6 December, 11:35
Pervomaisk (“LPR”-controlled, 58km W of Luhansk)	3km WNW	Heard 20 shots	Small arms	6 December, 13:40

## 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.)