

**Table of ceasefire violations as of 17 May 2017<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5 km SSE	Recorded 1 illumination flare in vertical flight	N/K	16 May, 18:40
		Recorded 1 undetermined explosion		16 May, 18:48
		Recorded 1 airburst		16 May, 18:53
		Recorded 2 undetermined explosions		16 May, 19:05-19:12
	4-6 km ESE	Recorded 8 undetermined explosions	N/K	16 May, 19:47-20:00
		Recorded 1 projectile from WNW to ESE		16 May, 20:08
		Recorded 1 undetermined explosion		16 May, 20:08
		Recorded 3 projectiles from ESE to WNW		16 May, 20:11
		Recorded 20 tracers from WNW to ESE		16 May, 20:20
		Recorded 1 projectile from ESE to WNW		16 May, 20:20
		Recorded 18 undetermined explosions		16 May, 20:21-20:50
		Recorded 4 illumination flares in vertical flight		16 May, 20:50-20:54
		Recorded 36 tracers from SW to NE		16 May, 21:36
		Recorded 4 projectiles from NE to SW		16 May, 22:00-22:01
	4-6 km SE	Recorded 3 projectiles from NE to SW		16 May, 22:10
	4-5km ESE	Recorded 1 explosion (impact)	N/K	17 May, 08:54
		Recorded 2 explosions (impacts)		17 May, 08:55
		Recorded 1 explosion (impact)		17 May, 08:59
		Recorded 1 explosion (impact)		17 May, 09:00
		Recorded 1 explosion (impact)		17 May, 09:02
		Recorded 1 explosion (impact)		17 May, 09:03
		Recorded 1 explosion (impact)		17 May, 09:04
		Recorded 1 explosion (impact)		17 May, 09:06
		Recorded 1 explosion (impact)		17 May, 09:07
		Recorded 1 explosion (impact)		17 May, 09:10
		Recorded 1 explosion (impact)		17 May, 09:13
		Recorded 1 explosion (impact)		17 May, 09:14
		Recorded 1 explosion (impact)		17 May, 09:48
Recorded 1 explosion (impact)		17 May, 09:51		
Recorded 1 explosion (impact)		17 May, 17:24		
Recorded 1 explosion (impact)		17 May, 17:25		
Recorded 1 explosion (impact)	17 May, 17:26			
Recorded 1 explosion (impact)	17 May, 17:27			
Recorded 1 explosion (impact)	17 May, 18:03			

<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.

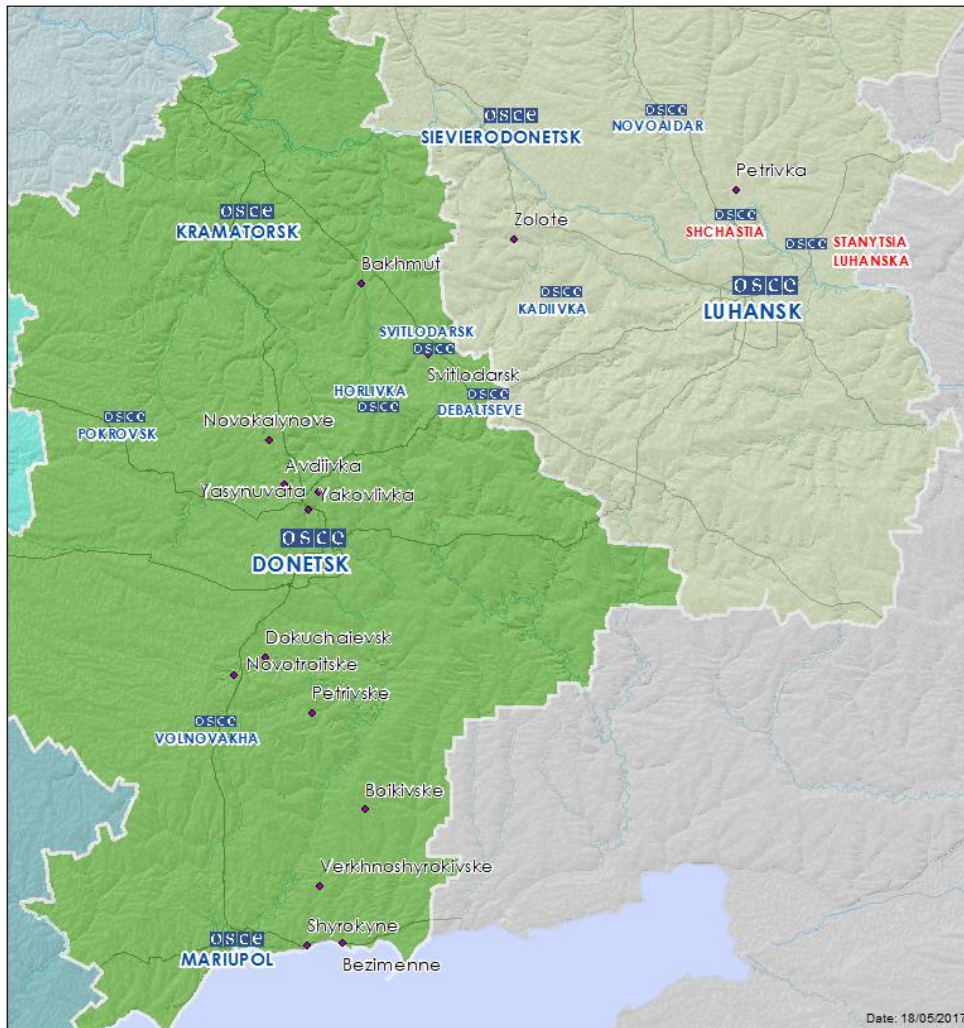
		Recorded 1 explosion (impact)		17 May, 18:04		
		Recorded 1 explosion (impact)		17 May, 18:06		
		Recorded 1 explosion (impact)		17 May, 18:07		
		Recorded 1 explosion (impact)		17 May, 18:12		
SMM camera at Oktiabr mine (9km NW of Donetsk city centre)	6-8 km NE	Recorded 1 airburst	N/K	16 May, 19:04		
	6-10 km NE	Recorded 3 tracers from NW to SE	N/K	16 May, 20:44		
		Recorded 4 tracers from NW to SE		16 May, 20:45		
		Recorded 1 illumination flare		16 May, 20:45		
		Recorded 15 tracers from NW to SE		16 May, 20:46		
		Recorded 6 tracers from NW to SE		16 May, 20:47		
		Recorded 1 illumination flare		16 May, 20:50		
		Recorded 21 tracers from NW to SE		16 May, 20:51-20:55		
	4-6 km NE	Recorded 3 projectiles from NW to SE		16 May, 21:04		
	6-10 km NE	Recorded 5 projectiles from NW to SE		16 May, 21:13		
		Recorded 2 projectiles from SE to NW		16 May, 21:13		
		Recorded 14 projectiles from NW to SE		16 May, 21:16		
		Recorded 6 projectiles from NW to SE		16 May, 21: 29		
		Recorded 3 airbursts		16 May, 22:58		
		Recorded 2 illumination flare in vertical flight		16 May, 22:58-23:01		
	3-4km NNE	Recorded 1 explosion (impact)		N/K	17 May, 11:47	
	Svitlodarsk (government-controlled, 57km NE of Donetsk)	1km SE		Heard 25 burst	HMG	16 May, 20:05-20:25
		3-5km SE		Heard 3 undetermined explosions	N/K	16 May, 20:20
				Heard 15 bursts	Small arms	16 May, 20:40-20:48
Heard 34 bursts				HMG	16 May, 20:57-21:00	
Heard 133 bursts			16 May, 21:08-21:30			
Heard 2 undetermined explosions			N/K	16 May, 20:12		
Heard 3 undetermined explosions				16 May, 21:34		
Heard 1 undetermined explosions				16 May, 21:38		
Heard 4 undetermined explosions				16 May, 21:43-22:00		
Heard 4 undetermined explosions			HMG	16 May, 22:05-22:10		
Heard 38 bursts				16 May, 22:10		
Heard 5 undetermined explosions			N/K	16 May, 22:10		
Heard 10 undetermined explosions				16 May, 22:20-22:33		
Heard 54 undetermined explosions			HMG	16 May, 22:20-22:33		
Heard 60 bursts				16 May, 22:45		
Heard 12 undetermined explosions			N/K	16 May, 23:12		
Saw 12 tracers from NW to SE				16 May, 23:50		
Heard 3 undetermined explosions				17 May, 00:15		
Heard 6 undetermined explosions				17 May, 00:35		
Heard 5 undetermined explosions		16 May, 21:25				
Heard 2 undetermined explosions	16 May, 21:31					
SMM camera at Shyrokyne (20km E of Mariupol)	N/K NNE	Recorded 10 tracers from E to W	N/K	16 May, 21:32		
		Recorded 2 tracers from E to W		16 May, 21:36		
		Recorded 8 tracers from W to E		16 May, 21:40		
		Recorded 8 tracers from E to W		16 May, 21:50		
		Recorded 1 tracer from E to W		16 May, 21:53		
		Recorded 3 tracers from E to W		16 May, 21:56		
		Recorded 1 tracer from E to W		16 May, 21:58		
		Recorded 13 tracers from W to E				
		Recorded 10 tracers from W to E				
		Recorded 3 tracers from E to W				
		Recorded 3 tracers from E to W				

		Recorded 46 tracers from W to E		16 May, 22:04										
		Recorded 3 tracers from E to W			16 May, 22:07									
		Recorded 1 tracer from W to E				16 May, 22:09								
		Recorded 1 tracer from E to W					16 May, 22:12							
		Recorded 14 tracers from W to E						16 May, 22:17						
		Recorded 1 tracer from E to W							16 May, 22:21					
		Recorded 2 tracers from W to E								16 May, 22:25				
		Recorded 1 tracer from W to E									16 May, 22:27			
		Recorded 2 tracers from W to E										16 May, 22:29		
		Recorded 7 tracers from W to E											16 May, 22:31	
		Recorded 2 tracers from E to W												16 May, 22:40
		Recorded 2 tracers from E to W												
	Recorded 2 tracers from W to E		16 May, 22:42											
	Recorded 11 tracers from E to W			16 May, 22:48										
	Recorded 6 tracers from W to E				16 May, 22:49									
	Recorded 2 tracers from W to E					16 May, 22:50								
	Recorded 11 tracers from W to E						16 May, 22:53							
	Recorded 11 tracers from W to E							16 May, 22:55						
	Recorded 1 rocket-assisted projectiles from W to E								16 May, 23:05					
	Recorded 25 tracers from W to E									16 May, 23:08				
	Recorded 4 tracers from E to W										16 May, 23:10			
	Recorded 4 tracers from E to W											16 May, 23:21		
	Recorded 4 tracers from W to E												16 May, 23:27	
	Recorded 1 undetermined explosion													16 May, 23:50
	Recorded 2 tracers from E to W													16 May, 23:51
	Recorded 5 tracers from E to W													17 May, 00:27
	Recorded 1 tracers from E to W													17 May, 00:52
	Recorded 28 tracers from W to E													17 May, 01:18
	Recorded 31 tracers from W to E													17 May, 01:23
	Recorded 3 tracers from E to W													17 May, 01:25
	Recorded 2 tracers from E to W													17 May, 01:42
	Recorded 3 tracers from E to W													17 May, 01:52
	Recorded 1 undetermined explosion													17 May, 01:52
	Recorded 1 undetermined explosion													17 May, 01:54
	Recorded 2 tracers from E to W													17 May, 02:06
	Recorded 1 undetermined explosion													17 May, 02:20
	Recorded 1 rocket-assisted projectile from W to E													17 May, 02:42
	Recorded 1 tracer from W to E													17 May, 02:44
	Recorded 2 tracers from E to W													17 May, 02:46
	Recorded 3 tracers from E to W													17 May, 02:49
	Recorded 2 tracers from E to W													17 May, 02:50
	Recorded 4 tracers from E to W													17 May, 02:54
	Recorded 1 tracer from E to W													17 May, 02:57
	Recorded 1 tracer from E to W													17 May, 03:14
	Recorded 1 tracer from E to W													17 May, 03:47
	Recorded 1 tracer from E to W													16 May, 22:30-23:30
Horlivka ("DPR"-controlled, 39km NE)	4-5km SSW											Heard 5 undetermined explosions		N/K
												Recorded 1 tracer from E to W		
		Recorded 20 tracers from E to W												
		Recorded 2 tracers from W to E												
		Recorded 7 tracers from E to W												
Recorded 2 tracers from E to W		17 May, 03:47												

of Donetsk)		Heard 10 bursts	Anti-aircraft cannon (ZU-23, 23mm)			
Park Inn Hotel (“DPR”-controlled, Donetsk)	4-6 km NW	Heard 1 undetermined explosion	N/K	16 May, 22:38		
		Heard 7 undetermined explosions		16 May, 23:42-23:50		
		Heard 5 undetermined explosions		17 May, 00:12-00:14		
	5-10km NW	Heard 16 undetermined explosions		17 May, 03:45-04:10		
Mykolaivka (government-controlled, 40km S of Donetsk)	N/K NW	Heard 4 undetermined explosions	N/K	17 May, 09:57-10:10		
	N/K NE	Heard 1 undetermined explosion				
Avdiivka (government-controlled, 17km N of Donetsk)	8-10km SSW	Heard 7 undetermined explosions	N/K	17 May, 10:20-10:35		
	4-6km ESE	Heard 1 undetermined explosion		17 May, 10:39		
	4-8km E	Heard 5 undetermined explosions		17 May, 10:48-10:52		
	6-8km WSW	Heard 6 undetermined explosions		17 May, 10:54		
	1-2km ESE	Heard 1 undetermined explosion		17 May, 10:57		
	5-7km S	Heard 1 undetermined explosion		17 May, 11:06		
	2-3km ESE	Heard 12 shots		Small arms	17 May, 11:33	
	5-7km SSE	Heard 1 undetermined explosion	N/K	17 May, 11:40		
	4-6km SSE	Heard 1 undetermined explosion		17 May, 11:44		
	4-6km SSW	Heard 1 undetermined explosion		17 May, 11:51		
	2-3km ESE	Heard 2 undetermined explosions		17 May, 11:52		
	4-6km SSE	Heard 2 undetermined explosions		17 May, 11:57		
	5-8km W	Heard 18 undetermined explosions		17 May, 11:58-12:10		
	3-4km ESE	Heard 5 undetermined explosions		17 May, 12:11		
	5-8km SW	Heard 6 undetermined explosions		17 May, 12:17		
	5-8km W	Heard 2 undetermined explosions		17 May, 12:22		
	4-6km ESE	Heard 3 undetermined explosions		17 May, 12:28		
	2-3km NE	Heard 6 undetermined explosions		17 May, 13:00		
	1-3km ESE	Heard 4 undetermined explosions		17 May, 14:30		
	4-6km ESE	Heard 4 undetermined explosions		17 May, 14:38		
	Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	2-3km SW		Heard 1 undetermined explosion	N/K	17 May, 10:55
		5-6km SW		Heard 1 undetermined explosion		17 May, 11:04
		3-5km W		Heard 1 undetermined explosion		17 May, 11:27
1-2km W		Heard 21 shots	Small arms	17 May, 11:33-11:40		
3-5km W		Heard 3 undetermined explosions	N/K	17 May, 11:40-11:43		
6-7km SW		Heard 1 undetermined explosion	N/K	17 May, 11:49		
3-4km W		Heard 2 undetermined explosions		17 May, 11:50		
5-8km W		Heard 33 undetermined explosions		17 May, 11:56-12:11		
2-3km NNW		Heard 2 undetermined explosions		17 May, 12:11-12:13		
6-7km SSW		Heard 5 undetermined explosions		17 May, 12:15		
5-8km W		Heard 6 undetermined explosions		17 May, 12:20-12:25		
3-5km WSW		Heard 12 undetermined explosions		17 May, 12:27-12:33		
4-7km W		Heard 1 undetermined explosion		17 May, 12:34		
3-5km WSW		Heard 13 undetermined explosions		17 May, 12:35-12:40		
4-7km W		Heard 3 undetermined explosions		17 May, 12:56		
1-3km S		Heard 1 explosion (outgoing)		17 May, 12:59		
2-4km NNW		Heard 1 subsequent explosion (impact)		17 May, 12:59		
3-5km W		Heard 1 undetermined explosion		N/K	17 May, 13:13	
8-10km W		Heard 1 undetermined explosion			17 May, 13:14	
3-5km W		Heard 2 undetermined explosions	17 May, 13:15			
5-8km W		Heard 12 shots	Small arms	17 May, 13:17-13:20		
5-8km W		Heard 5 bursts	HMG			
8-10km W		Heard 2 undetermined explosions	N/K	17 May, 13:20		
3-5km W		Heard 2 bursts	HMG	17 May, 13:21-13:25		
3-5km W		Heard 27 shots	Small arms			
5-8km W		Heard 3 undetermined explosions	N/K			
3-5km W		Heard 14 undetermined explosions				
8-10km W		Heard 3 undetermined explosions				
3-5km W		Heard 6 shots	Small arms	17 May, 13:25-13:40		
3-5km WSW		Heard 1 undetermined explosion				
6-8km WSW	Heard 3 undetermined explosions					
4-6km WSW	Heard 2 undetermined explosions	N/K	17 May, 14:18			
			17 May, 14:28			
			17 May, 14:29			

	4-6km WSW	Heard 1 shot	Small arms	17 May, 14:29
	6-8km WSW	Heard 3 undetermined explosions	N/K	17 May, 14:37
	4-6km WSW	Heard 1 undetermined explosion		17 May, 14:39
	4-6km WSW	Heard 12 shots	Small arms	
	3-5km NNW	Heard 3 undetermined explosions	N/K	17 May, 14:47
	3-5km WSW	Heard 3 undetermined explosions		
	3-4km SW	Heard 1 undetermined explosion		17 May, 14:57
	5-6km SW	Heard 1 undetermined explosion		17 May, 15:00
	2-3km SW	Heard 1 undetermined explosion		17 May, 15:05
	3-4km W	Heard 1 undetermined explosion		17 May, 15:13
5-6km W	Heard 1 undetermined explosion	17 May, 15:19		
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	8-10km SW	Heard 91 undetermined explosions	N/K	17 May, 00:11-00:32
Sievierodonetsk (government-controlled, 74km NW of Luhansk)	1-2km NNW	Heard 10 undetermined explosions (assessed as live-fire exercise)	N/K	17 May, 01:12-01:16
		Heard 15-20 shots (assessed as live-fire exercise)	Small arms	
		Heard 10 shots (assessed as live-fire exercise)		17 May, 01:28-01:30
2km S of Muratove (government-controlled, 51km NW of Luhansk)	15km SW	Heard 3 explosions (outgoing)	Artillery (calibre N/K)	17 May, 11:00
		Heard 3 explosions (outgoing)		17 May, 11:06
Novozvanivka (government-controlled, 70km W of Luhansk)	7-10km SE	Heard 1 explosion (impact)	Artillery (152mm)	17 May, 13:11
		Heard 1 explosion (impact)		17 May, 13:15
Addendum to Daily Report 3 May 2017				
SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	600m SSW	Recorded 1 rocket-assisted projectile in flight from N to S (assessed as inside the disengagement area)	Rocket-propelled grenade launcher (RPG)	1 May, 21:31
	320m SW	Recorded 1 rocket-assisted projectile in flight from N to S (assessed as inside the disengagement area)	Rocket-propelled Infantry Flamethrower (RPO-Z)	1 May, 21:53

## 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 bases from which SMM staff has temporarily relocated since 27 September 2016 based on recommendations of security experts from participating States.)