

Table of ceasefire violations as of 22 May 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km E	Recorded 5 undetermined explosions	N/K	21 May, 19:43-19:49
		Recorded 4 undetermined explosions		21 May, 19:51-19:54
		Recorded 1 undetermined explosion		21 May, 20:13
	4-6km ESE	Recorded 1 undetermined explosion		21 May, 20:30
		Recorded 3 projectiles from S to N		21 May, 20:36
		Recorded 2 projectiles from N to S		21 May, 21:17
		Recorded 1 illumination Flare in vertical flight		21 May, 21:53
		Recorded 3 undetermined explosions		21 May, 21:54-21:59
		Recorded 1 undetermined explosion		21 May, 22:07
		Recorded 10 tracers from N to S		21 May, 22:10
		Recorded 3 undetermined explosions		21 May, 22:37
		Recorded 1 projectile from W to E		22 May, 02:41
		Recorded 12 tracers from E to W		22 May, 03:58
		3-5km SSE		Recorded 1 undetermined explosion
	3-5km ESE	Recorded 1 undetermined explosion		22 May,18:26
		Recorded 1 undetermined explosion		22 May,18:30
		Recorded 1 undetermined explosion		22 May,18:33
		Recorded 1 undetermined explosion		22 May,18:37
		Recorded 1 undetermined explosion		22 May,18:38
		Recorded 1 undetermined explosion		22 May,18:39
Recorded 2 undetermined explosions		22 May,18:40		
SMM camera at Oktiabr mine (9km NW of Donetsk)	4-6km NNE	Recorded 1 illumination flare in vertical flight	N/K	21 May, 20:26
		Recorded 1 air burst		21 May, 20:26
		Recorded 3 undetermined explosions		21 May, 20:27-21:28
		Recorded 9 projectiles from E to W		21 May, 20:30-21:31
		Recorded 1 projectile from W to E		21 May, 20:32
		Recorded 15 tracers from W to E		21 May, 20:34
		Recorded 10 tracers from E to W		21 May, 20:34
		Recorded 1 projectile from W to E		21 May, 20:36
		Recorded 1 undetermined explosion		21 May, 20:36
		Recorded 1 illumination flare in vertical flight		21 May, 20:37
		Recorded 1 undetermined explosion		21 May, 20:52
		Recorded 10 tracers from W to E		21 May, 20:56
		Recorded 1 illumination flare in vertical flight		21 May, 21:14
		Recorded 1 undetermined explosion		21 May, 21:22
		Recorded 1 projectile from E to W		21 May, 21:25
		Recorded 3 undetermined explosions		21 May, 21:40-21:47
		Recorded 1 undetermined explosion		21 May, 22:08
		Recorded 4 projectiles from W to E		21 May, 22:36
		Recorded 5 undetermined explosions		21 May, 22:38
		Recorded 3 projectiles from W to E		21 May, 22:38
		Recorded 1 illumination flare in vertical flight		21 May, 22:57
		Recorded 1 projectile from W to E		21 May, 22:57
		Recorded 10 tracers from E to W		21 May, 23:21

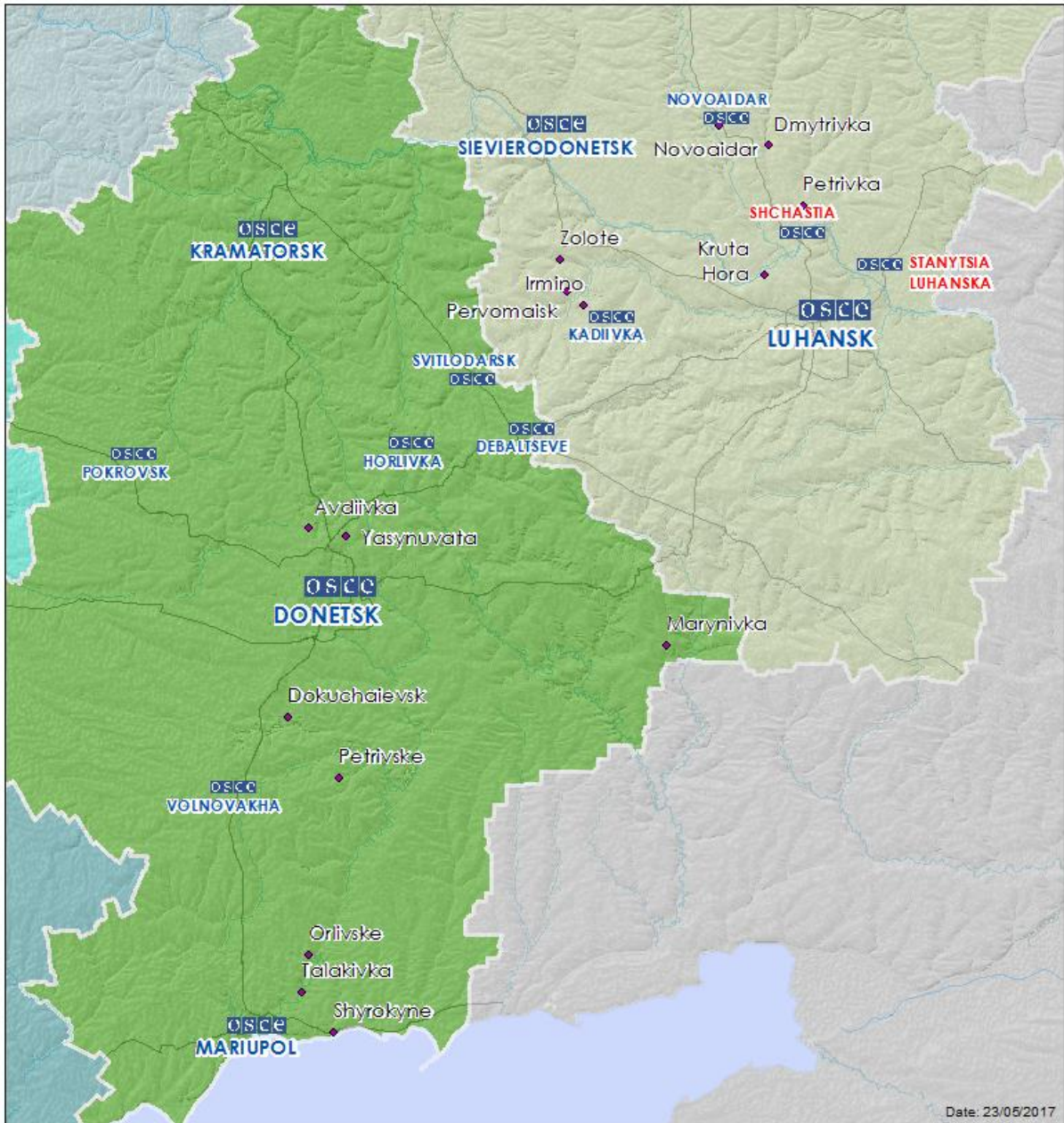
¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, 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.

		Recorded 1 projectile from E to W		22 May, 01:14
		Recorded 2 projectiles from W to E		22 May, 02:30
		Recorded 1 projectile from W to E		22 May, 02:41
		Recorded 4 projectiles from E to W		22 May, 02:49
		3-4km NNE		Recorded 1 airburst
SMM camera in Shyrokyne (20km E of Mariupol)	NE, N/K	Recorded 3 tracers from W to E	N/K	21 May, 21:09
		Recorded 1 rocket-assisted projectile from SW to NE		21 May, 21:11
		Recorded 4 tracers from W to E		21 May, 21:13
		Recorded 1 rocket-assisted projectile from SW to NE		21 May, 21:24
		Recorded 5 tracers from W to E		21 May, 22:20
		Recorded 1 undetermined explosion		21 May, 22:26
		Recorded 1 undetermined explosion		21 May, 22:29
		Recorded 1 rocket-assisted projectile from SW to NE		21 May, 22:43
		Recorded 2 tracers from W to E		21 May, 22:49
		Recorded 1 undetermined explosion		21 May, 23:00
		Recorded 2 tracers from W to E		21 May, 23:26
		Recorded 1 tracer from E to W		22 May, 00:07
		Recorded 1 undetermined explosion		22 May, 00:24
		Recorded 2 tracers from E to W		22 May, 01:26
		Recorded 2 tracers from E to W		22 May, 02:30
		Recorded 1 tracer from E to W		22 May, 02:47
"DPR"-controlled Donetsk city centre	8-15km NW	Heard 8 undetermined explosions	N/K	21 May, 21:34-21:40
		Heard 3 undetermined explosion		21 May, 21:47
		Heard 5 undetermined explosion		21 May, 21:57
		Heard 4 undetermined explosions		21 May, 22:02-22:05
		Heard 8 undetermined explosions		21 May, 22:30
		Heard 7 undetermined explosion		21 May, 23:05
		Heard 4 undetermined explosions		22 May, 00:15
		Heard 2 undetermined explosions		22 May, 00:31
		Heard 5 undetermined explosions		22 May, 00:45
		Heard 5 undetermined explosions		22 May, 00:54-00:57
		Heard 1 undetermined explosion		22 May, 01:01
		Heard 2 undetermined explosions		22 May, 01:06
		Heard 6 undetermined explosions		22 May, 01:15
		Heard 2 undetermined explosions		22 May, 01:32
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	8km SW	Heard 1 undetermined explosion	N/K	21 May, 19:44
	4-6km SW	Heard 10 bursts	Anti-aircraft cannon (ZU-23, 23mm)	21 May, 19:45
		Heard 2 explosions (outgoing)	N/K	21 May, 19:46
		Heard 6 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	21 May, 19:47
		Heard uncountable overlapping bursts and shots	Small arms	21 May, 19:48-19:50
		Heard 1 undetermined explosion	N/K	21 May, 19:58
		Heard 3 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	21 May, 19:59-20:02
		Heard uncountable overlapping bursts and shots	Small arms	21 May, 20:03-20:06
		Heard 5 bursts	IFV (BMP-2) cannon (30mm)	21 May, 21:46
		Heard 3 bursts	Small arms	21 May, 21:55
		Heard 7 bursts	IFV (BMP-2) cannon	21 May, 22:27
		Heard 4 undetermined explosions	N/K	21 May, 22:28

	7km NW	Heard uncountable overlapping bursts and shots	Small arms	21 May, 22:34-22:41
		Heard 5 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	21 May, 22:42
		Heard uncountable overlapping bursts and shots	Small arms	21 May, 22:47-49
		Heard 6 bursts		21 May, 22:52
Svitlodarsk (government-controlled, 57km NE of Donetsk)	7-10 km SW	Heard 1 undetermined explosion	N/K	21 May, 21:30
		Heard 2 undetermined explosions		21 May, 21:55
		Heard 100 undetermined explosions		22 May, 03:00-04:30
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	N/K NW	Heard 21 explosions (outgoing)	N/K	22 May, 03:52-04:13
		Heard 21 subsequent explosions (impact)		
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	5-8km W	Heard 1 undetermined explosion	N/K	22 May, 10:15
	3-5km WSW	Heard 8 shots	Small arms	22 May, 10:27-10:32
		Heard 19 bursts		22 May, 10:27-10:32
		Heard 1 undetermined explosion	N/K	22 May, 10:32
		Heard 1 undetermined explosion		22 May, 10:50
	2-4km W	Heard 3 undetermined explosions		22 May, 10:51-11:15
	2-3km WSW	Heard 48 bursts	Small arms	22 May, 11:22-11:45
		Heard 16 shots		22 May, 11:22-11:45
		Heard 2 bursts	HMG	22 May, 11:22-11:45
		Heard 1 undetermined explosion	N/K	22 May, 11:36
	2-3km W	Heard 1 shot	Small arms	22 May, 12:03
		Heard 2 bursts		22 May, 12:03
	3-4km W	Heard 10 bursts		22 May, 12:05-12:07
		Heard 2 undetermined explosions	N/K	22 May, 12:05-12:07
		Heard 5 shots	Small arms	22 May, 12:09-12:13
		Heard 5 undetermined explosions	N/K	22 May, 12:10-12:14
	2-4km W	Heard 4 undetermined explosions		22 May, 12:26-12:45
		Heard 4 undetermined explosions		22 May, 12:55-13:10
	3-5km NW	Heard 1 shot	Small arms	22 May, 13:30
	5-7km NW	Heard 1 undetermined explosion	N/K	22 May, 13:35
Heard 3 undetermined explosions		22 May, 14:00-14:20		
Heard 32 undetermined explosions		22 May, 14:28-14:50		
N edge of Orlivske (government controlled, 23km NE of Mariupol)	3-4km ESE	Heard and saw 8 explosions (impacts)	N/K	22 May, 10:40- 10:50
	4-5km ESE	Heard and saw 10 explosions (impacts)		22 May, 10:55- 11:20
		Heard 37 undetermined explosions		
1.5-2km SSW	Heard 2 explosions (outgoing)			
E edge of Talakivka (government controlled, 17km NE of Mariupol)	N/K NE	Heard 33 undetermined explosions	N/K	22 May, 10:40- 11:15
Novotroitske (government controlled, 36km SW of Donetsk)	2-3km N	Heard 2 airbursts	N/K	22 May, 11:12- 11:15
		Heard 6 explosions (impacts)		
2.2km SW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	N/K NW	Heard 4 undetermined explosions	N/K	22 May, 11:35- 11:40
	N/K S	Heard 2 bursts	Small arms	
0.5km SSW of Orlivske (government-controlled, 23km NE of Mariupol)	5-6km E	Saw 1 explosion (impact)	N/K	22 May, 11:55
Dokuchaievsk	1-3km SSW	Heard 1 undetermined explosion	N/K	22 May, 12:01

("DPR"-controlled, 30km SW of Donetsk)		Heard 5 shots	Small arms	22 May, 12:10
2.3km E of Donetsk city centre ("DPR"-controlled)	3-5km N	Heard 1 explosion (outgoing)	N/K	22 May, 14:00
1.5km W of Zolote-4 (government-controlled, 60km NW of Luhansk)	4-6km SW	Heard 7 explosions (assessed as outside the disengagement area)	AGL (type N/K)	22 May, 08:15-08:25
		Heard 8 bursts (assessed as outside the disengagement area)	Heavy machine-gun	
Irmino ("LPR"-controlled, 54km W of Luhansk)	5km SW	Heard 20 explosions (outgoing)	N/K	22 May, 08:20-08:30
		Heard 2 bursts	Heavy machine-gun or anti-aircraft gun (ZU-23)	
NW edge of Pervomaïsk ("LPR"-controlled, 58km W of Luhansk)	5km SW	Heard 8 explosions (outgoing) (assessed as outside the disengagement area)	Artillery (type N/K)	22 May, 08:34-08:44
Stanytsia Luhanska ("LPR"-controlled side, 16km NE of Luhansk)	5+km N	Heard 3 undetermined explosions (assessed as outside the disengagement area)	N/K	22 May, 15:47

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 2016 based on recommendations of security experts from participating States.)