

Table of ceasefire violations as of 24 October 2016¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5km SE	Heard 16 undetermined explosions	N/K	23 October, 17:45-23:45
	3km SE	Heard 159 bursts	HMG	
	0.5km SE	Heard 13 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	
	2km SE	Heard 42 bursts	Small arms	
	1km SE	Heard 9 bursts	AGL	
	2km E	Heard 35 undetermined explosions	N/K	24 October, 06:15-07:30
	2km SE	Heard 76 bursts	HMG	
SMM camera in Shyrokyne (government-controlled, 20km E of Mariupol)	N/K NNE	Recorded 2 bursts of tracer fire from NNE to E	N/K	23 October, 18:39
		Recorded 15 single shots of tracer fire from ENE to NNE		23 October, 18:41
		Recorded 15 single shots of tracer fire from NNE to ENE		
	N/K NE (from Sakhanka area to Vodiane area)	Recorded 14 single shots of tracer fire from ENE to NNW		23 October, 18:44
		Recorded 32 single shots of tracer fire from ENE to NNW		
	N/K NE (from Vodiane area to Sakhanka area)	Recorded 2 single shots of tracer fire from NNW to ENE		23 October, 18:45
	N/K NE (from Sakhanka area to Vodiane area)	Recorded 1 single shot of tracer fire from ENE to NNE		23 October, 18:46
		Recorded 52 single shots of tracer fire from ENE to NNW		
		Recorded 48 single shots of tracer fire from NNE to ENE		
	N/K NE (from Vodiane area to Sakhanka area)	Recorded 14 single shots of tracer fire from NNW to NE		
	N/K NE (from Shyrokyne area to Sakhanka area)	Recorded 2 single shots of tracer fire from NNW to NE		23 October, 18:54
	N/K NE (from Shyrokyne area to Bezimenne area)	Recorded 1 single shot of tracer fire from NNW to E		
	N/K NE (from Vodiane area to Sakhanka area)	Recorded 2 single shots of tracer fire from NNW to NE		23 October, 18:56
	N/K NE (from Shyrokyne area to Sakhanka area)	Recorded 1 single shot of tracer fire from NW to NE		23 October, 19:02
	N/K NE (from Shyrokyne area to Bezimenne area)	Recorded 1 single shot of tracer fire from NNW to E		23 October, 19:08
	N/K NE (from Sakhanka area to Vodiane area)	Recorded 66 single shots of tracer fire from NE to NNW		23 October, 19:13
N/K NE (from Vodiane area to Sakhanka area)	Recorded 13 single shots of tracer fire from NNW to NE			

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.

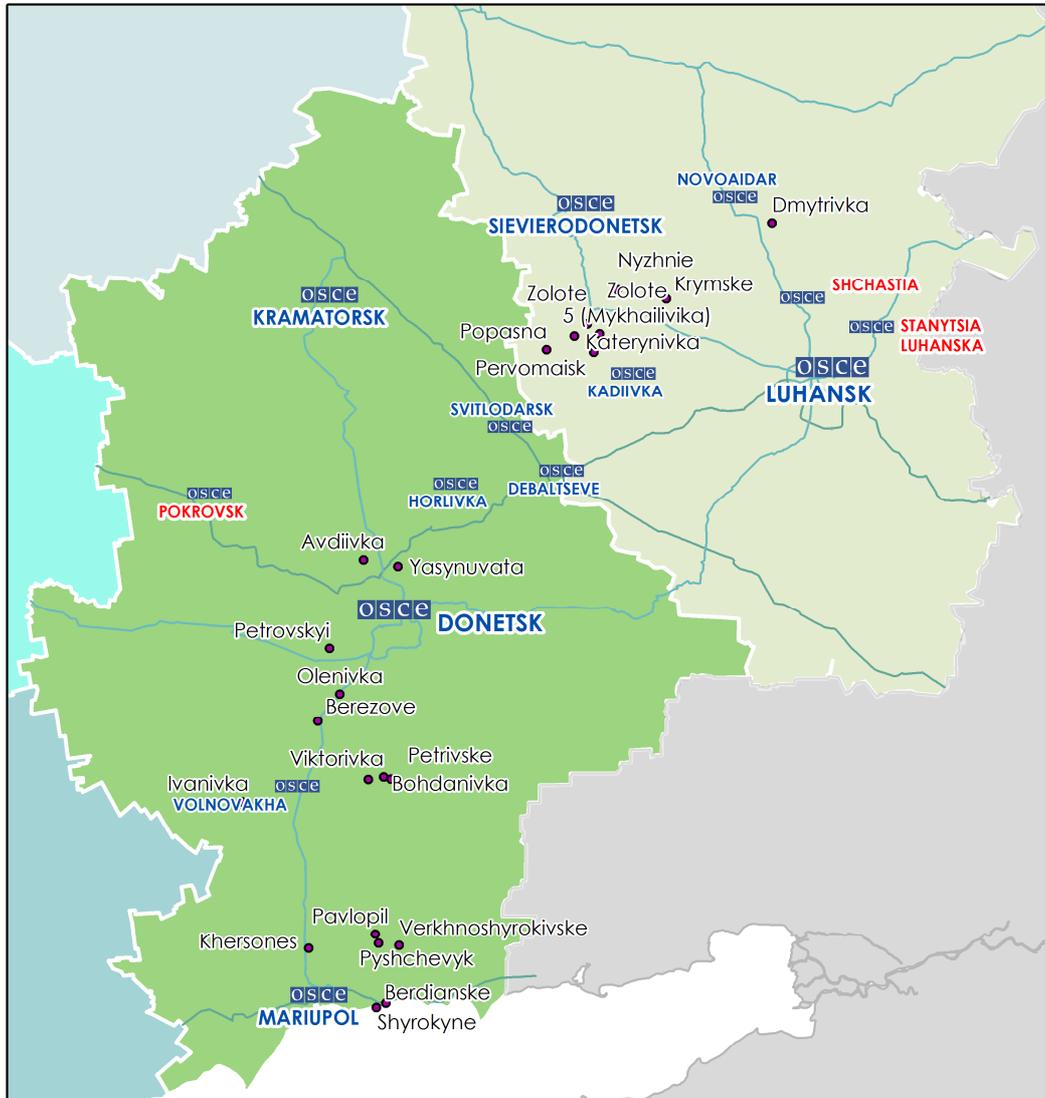
	N/K NE (from Sakhanka area to Vodiane area)	Recorded 2 single shots of tracer fire from NE to NNW		23 October, 19:17
	N/K NNE	Recorded 1 undetermined explosion		23 October, 19:25
		Recorded 1 undetermined explosion		23 October, 19:27
	N/K NE (from Sakhanka area to Vodiane area)	Recorded 11 single shots of tracer fire from NE to NNW		23 October, 19:32
	N/K NE (from Vodiane area to Sakhanka area)	Recorded 2 single shots of tracer fire from NNW to NE		23 October, 19:33
	N/K NE (from Sakhanka area to Vodiane area)	Recorded 4 single shots of tracer fire from NE to NNW		23 October, 19:33
	N/K NNE	Recorded 1 undetermined explosion		23 October, 19:35
	N/K NE (from Sakhanka area to Vodiane area)	Recorded 62 single shots of tracer fire from NE to NNW		23 October, 19:35
		Recorded 30 single shots of tracer fire from NE to NNW		23 October, 19:38
	N/K NE (from Vodiane area to Sakhanka area)	Recorded 2 rocket assisted projectiles fired from NNW to NE		23 October, 19:38
	N/K NE (from Sakhanka area to Vodiane area)	Recorded 2 illumination flares from NNE to ENE		23 October, 19:40
		Recorded 3 rocket assisted projectiles fired from NE to NNW		23 October, 19:44
	N/K NE (from Vodiane area to Sakhanka area)	Recorded 2 rocket assisted projectiles fired from NNW to NE		23 October, 19:44
	N/K NE (from Sakhanka area to Vodiane area)	Recorded 72 single shots of tracer fire from NE to NNW		23 October, 19:47
		Recorded 72 single shots of tracer fire from NE to NNW		23 October, 19:47
	N/K NNE	Recorded 1 undetermined explosion		23 October, 19:47
	N/K NE (from Sakhanka area to Vodiane area)	Recorded 2 rocket assisted projectiles fired from NE to NNW	N/K	23 October, 19:48
		Recorded 2 single shots of tracer fire from NE to NNW		23 October, 19:50
		Recorded 1 rocket assisted projectile fired from NE to NNW		23 October, 19:54
		Recorded 13 single shots of tracer fire from NE to NNW		23 October, 19:58
	N/K NE (from Vodiane area to Sakhanka area)	Recorded 1 rocket assisted projectile from NNW to NE		23 October, 19:54
	N/K NE (from Sakhanka area to Vodiane area)	Recorded 3 single shots of tracer fire from NE to NNW		23 October, 19:58
		Recorded 47 single shots of tracer fire from NE to NNW		23 October, 20:09
	N/K NE (from Vodiane area to Sakhanka area)	Recorded 5 single shots of tracer fire from NNW to NE		23 October, 19:58
	N/K NE (from Sakhanka area to Vodiane area)	Recorded 13 single shots of tracer fire from NE to NNW		23 October, 20:09
		Recorded 3 single shots of tracer fire from NE to NNW		23 October, 20:14
Avdiivka (government-	3km SE	Heard 16 explosions (outgoing)	Artillery (122mm)	24 October, 09:40-10:06

controlled, 17km N of Donetsk)	4km SE	Heard 1 undetermined explosion	Mortar (82mm)	24 October, 10:16
	2km SE	Heard 1 explosion (outgoing)		24 October, 10:29
	4km SE	Heard 1 undetermined explosion		24 October, 10:30
	3km SE	Heard 1 undetermined explosion		24 October, 10:32
	2km SE	Heard 1 explosion (outgoing)		24 October, 10:32
		Heard 1 explosion (outgoing)		24 October, 10:39
	4km SE	Heard 1 undetermined explosion		24 October, 10:40
	3km SE	Heard 1 undetermined explosion		24 October, 10:41
	2km SE	Heard 2 undetermined explosions		24 October, 10:43
		Heard 4 explosions (outgoing)		24 October, 10:44
		Heard 2 undetermined explosions		24 October, 10:49
	2km SE	Heard 2 explosions (outgoing)		24 October, 10:51
		Heard 2 explosions (outgoing)		24 October, 10:53
		Heard 2 explosions (outgoing)		24 October, 10:56
		Heard 2 explosions (outgoing)		24 October, 11:06
	4km SE	Heard 5 bursts		HMG
	2km SE	Heard 1 undetermined explosion	Mortar (82mm)	24 October, 11:16
		Heard 1 undetermined explosion		24 October, 11:17
		Heard 1 explosion (outgoing)		24 October, 11:24
		Heard 1 explosion (outgoing)		24 October, 11:25
		Heard 1 undetermined explosion		24 October, 11:26
		Heard 1 explosion (outgoing)		24 October, 11:41
	2km SE	Heard 5 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	24 October, 12:06
	3km SE	Heard 2 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	24 October, 12:07
		2km SE	Heard 3 undetermined explosions	Mortar (82mm)
	Heard 2 undetermined explosions		24 October, 12:13	
	3km SE	Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, 73mm)	24 October, 12:14
		Heard a continuous exchange of fire	Small arms	24 October, 12.14
	2km SE	Heard 2 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	24 October, 12:25
	3km SE	Heard 2 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	24 October, 12:27
		Heard 1 explosion (outgoing)		24 October, 12:30
		Heard 1 explosion (outgoing)		24 October, 12:31
		Heard 1 explosion (outgoing)		24 October, 12:32
	2km SE	Heard 1 undetermined explosion	Mortar (82mm)	24 October, 12:34
	3km SE	Heard 10 bursts	IFV (BMP-2) cannon (30mm)	24 October, 12:36
		Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, 73mm)	24 October, 12:37
	2km SE	Heard 2 explosions (outgoing)	Mortar (82mm)	24 October, 12:40
		Heard 2 explosions (outgoing)		24 October, 11:41
		Heard 10 explosions (outgoing)		24 October, 12:41
	2km E	Heard 6 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	24 October, 12:54
2km SE	Heard 7 explosions (outgoing)	24 October, 12:59		
4km SE	Heard 2 bursts	HMG	24 October, 14:00	
2km SE	Heard 1 undetermined explosion	Mortar (82mm)	24 October, 14:07	
	Heard 1 undetermined		24 October, 14:18	

		explosion		
	3km SE	Heard 1 explosion (outgoing)	IFV (BMP-1) cannon (73mm)	24 October, 14:38
		Heard 5 bursts	Anti-aircraft gun (ZU-2, 23mm)	24 October, 14:44
		Heard 1 undetermined explosion	Mortar (82mm)	24 October, 14:46
		Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, 73mm)	24 October, 14:48
		Heard 1 undetermined explosion	Mortar (82mm)	24 October, 14:49
	2km SE	Heard 1 undetermined explosion		24 October, 14:52
		Heard 1 undetermined explosion		24 October, 14:57
	2km S	Heard 2 undetermined explosions		24 October, 15:03
Berdianske (government-controlled, 18km E of Mariupol)	3-5km N	Heard 3 undetermined explosions	N/K	24 October, 13:27-13:30
		Heard 1 explosion (impact)		24 October, 13:40
		Heard 20 undetermined explosions		
	4-5km NNE	Heard 3 undetermined explosion	N/K	24 October, 15:05
Pavlopil 16 (government-controlled, 26km NE of Mariupol)	10km SSE	Heard 10 undetermined explosions	N/K	24 October, 13:40
	10-12km SSE	Heard 6 undetermined explosions		24 October, 13:27
controlled, 16km NE of Donetsk)	3-4km W	Heard 6 undetermined explosions	N/K	24 October, 14:50-14:52
		Heard 2 undetermined explosions		24 October, 14:56
		Heard 2 undetermined explosions		24 October, 15:03
		Heard 2 undetermined explosions		24 October, 15:06
		Heard 1 undetermined explosion		24 October, 15:19
	2km W	Saw and heard 1 airburst	24 October, 15:20	
		Saw and heard 1 airburst	24 October, 15:25	
	2-3km W	Heard 6 bursts	Small arms	24 October, 15:26
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	5-7km NE	Heard 2 undetermined explosions	N/K	24 October, 15:02
S of Lomakyne (government-controlled, 20km NE of Mariupol)	3-4km E	Heard 2 undetermined explosion	N/K	24 October, 15:04
Maiorsk (government-controlled, 45km NE of Donetsk)	3km NE	Heard 7 bursts	HMG	24 October, 15:55
		Heard 2 undetermined explosions	N/K	24 October, 16:00
Sopyne (government-controlled, 16km E of Mariupol)	2km NE	Saw and heard 1 airburst	Artillery (N/K calibre)	24 October, 16:38
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-5km ESE	Recorded 8 projectiles fired from S to N	N/K	24 October, 17:56
	5-6km ESE	Recorded 2 projectiles fired from N to S		24 October, 17:58
	6-8km ESE	Recorded 19 projectiles fired		24 October, 18:01

		from S to N		
		Recorded 1 projectile fired from N to S		24 October, 18:05
	4-5km ESE	Recorded 4 projectiles fired from S to N		24 October, 18:07
	4-6km ESE	Recorded 2 projectiles fired from S to N		24 October, 18:13
Pervomaisk ("LPR"-controlled, 58km W of Luhansk)	5-8km SW (outside the DA2)	Heard 3 undetermined explosions	NK	24 October, 07:28-07:30
Zolote-5 ("LPR"-controlled, 61km NW of Luhansk)	5km NE	Heard 2 undetermined explosions	N/K	24 October, 09:45
Zolote-5 ("LPR"-controlled, 61km NW of Luhansk)	1km NE	Heard 4 single shots	Small arms	24 October, 10:02
Bile ("LPR"-controlled, 22km W of Luhansk)	5-10km SE	Heard 5 undetermined explosions (assessed as training activity)	N/K	24 October, 10:15-10:20
Krymske (government-controlled, 44km N of Luhansk)	0.8km E	Heard 2 single shots	Small arms	24 October, 11:08
	5km N/K	Heard 1 undetermined explosion	N/K	24 October, 11:11
Katerynivka (government-controlled, 42km NW of Luhansk)	5km WSW	Heard 3 undetermined explosions	N/K	24 October, 11:53

Map of Donetsk and Luhansk regions²



² The SMM is actively 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 based on recommendations of security experts from participating States.)