

**Table of ceasefire violations as of 20 October 2016<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Park Inn Hotel (“DPR”-controlled, Donetsk city centre)	6-8km NW	Heard 1 undetermined explosion	N/K	19 October, 22:26
		Heard 10 undetermined explosions		19 October, 22:41-22:50
		Heard 3 undetermined explosions		19 October, 23:20
		Heard 10 undetermined explosions		19 October, 23:34-23:38
		Heard 2 undetermined explosions		19 October, 23:44
		Heard 4 undetermined explosions		20 October, 00:03-00:14
	7-10km N	Heard 4 undetermined explosions		20 October, 03:25
Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	4-6km NW	Heard 8 undetermined explosions	N/K	20 October, 11:45-12:00
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	3-5km W	Heard 2 undetermined explosions	N/K	20 October, 11:32-11:33
Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard 3 explosions (outgoing)	Mortar (N/K calibre)	20 October, 10:57-11:01
		Heard 3 bursts	Heavy machine-gun	
		Heard 5 undetermined explosions	N/K	20 October, 11:08-11:17
		Heard 3 bursts	Heavy machine-gun	
		Heard 10 explosions (outgoing)	AGL	20 October, 11:23-11:33
		Heard 8 explosions (outgoing)	Mortar (N/K calibre)	
	2-4km SE	Heard 3 bursts	Small arms	20 October, 12:00
	3-4km SE	Heard 3 bursts	Heavy machine-gun	20 October, 12:15
		Heard 20 explosions (outgoing)	Mortar (N/K calibre)	
		Heard 8 bursts	Heavy machine-gun	20 October, 12:21-12:56
		Heard 7 undetermined explosions	N/K	
		Heard 3 explosions (outgoing)	Mortar (N/K calibre)	20 October, 12:59
	2-5km E	Heard 106 undetermined explosions	N/K	20 October, 13:00-13:40
Heard 18 bursts		Small arms		
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-5km ESE	Recorded 4 explosions (impacts)	N/K	20 October, 13:18-13:19
	4-5km SE	Recorded 3 airbursts		20 October, 13:33-13:34
	4-5km ESE	Recorded 3 explosions (impacts)		20 October, 13:39
Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	5-7km W	Saw and heard 2 airbursts	N/K	20 October, 15:00-15:03
		Heard 1 undetermined		20 October, 15:13

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.

		explosion		
SMM camera in Shyrokyne (20km E of Mariupol)	2km NE	Recorded 19 rocket assisted projectiles from SW to NE (possibly MLRS)	N/K	19 October, 18:58
	5-7km NE (Azov/Sakhanka)	Recorded 30 explosions (impacts)		19 October, 22:05-23:35
	2km NE	Recorded 5 rocket assisted projectiles from WSW to ENE		19 October, 22:38-22:43
	5-7km NE (Azov/Sakhanka)	Recorded 18 explosions (impacts)		19 October, 22:39-23:35
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SE	Heard 10 explosions (impacts)	Mortar (120mm)	19 October, 18:00-18:15
		Heard 25 bursts	Heavy machine-gun	
		Heard a continuous exchange of fire for 30 minutes	IFV (BMP), recoilless gun (SPG-9), anti-aircraft gun (ZU-23), AGL, HMG, small arms	19 October, 18:15-18:45
		Heard 3 explosions (impacts)	IFV (BMP-1) cannon (73mm), small arms	19 October, 19:45-19:50
	Heard a continuous exchange of fire for 5 minutes	Small arms		
	3-4km ESE	Heard 2 explosions (outgoing)	Recoilless gun (SPG-9)	19 October, 20:35-20:45
		Heard 15 bursts	Heavy machine-gun	
	3-4km SE	Heard 3 undetermined explosions	N/K	19 October, 21:25-21:35
		Heard a continuous exchange of fire for 10 minutes	Small arms	
	3-4km ESE	Heard 1 undetermined explosion	N/K	19 October, 22:40-22:50
		Heard 5 explosions (outgoing)	AGL	
		Heard 2 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	19 October, 23:15-23:20
		Heard 5 bursts	Heavy machine-gun	
	3-4km SE	Heard 5 undetermined explosions	N/K	19 October, 23:32-00:00
		Heard 15 bursts	Heavy machine-gun	
		Heard 3 explosions (impacts)	IFV (BMP-1) cannon (73mm)	
3-4km SE	Heard 5 bursts	Heavy machine-gun	20 October 05:10-05:20	
	Heard 8 explosions (impacts)	Mortar (82mm)		
	Heard 1 explosion (impact)	IFV (BMP-1) cannon (73mm)		19 October, 20:47
7-8km SW	Heard 8 explosions (impacts)		19 October, 20:49-20:53	
	Heard 1 explosion (impact)	N/K	19 October, 20:58	
5-6km NW	Heard 7 explosions (impacts)		19 October, 21:09-21:14	
	Heard 5 explosions (impacts)			
7-8km SW	Heard 5 explosions (impacts)	AGL	19 October, 21:20	
	Heard 5 explosions (impacts)			
4-5km ENE	Heard 1 explosion (outgoing)	Mortar (82mm)	20 October, 15:15	

7km N of Horlivka ("DPR" Controlled, 39km NE of Donetsk)	2km NE	Heard 1 shot	IFV (BMP-2) cannon (30mm)	20 October, 15:20	
		Heard 1 shot	Small arms		
	3km NNW	Heard intense exchange of fire for 3 minutes		N/K	20 October, 15:58- 16:01
		Heard 3 undetermined explosions			
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol)	N/K, N/K	Heard at least 3 bursts	Small arms	20 October, 10:56	
NE of Berdianske (government- controlled, 18km E of Mariupol)	5km NE	Heard and saw 5 explosions (impacts)	Mortar (120mm)	20 October, 13:52- 14:10	
	5-6km NE	Heard 39 undetermined explosions	N/K	20 October, 14:10- 14:40	
	5-6km NNE	Heard and saw 5 airbursts			
		Heard and saw 5 explosions (impacts)	Heavy machine-gun, small arms		
	4-5km NE and ENE	Heard at least 20 bursts			
	3-5km NW	Heard 12 explosions (outgoing)		Mortars (N/K calibre)	20 October, 14:42- 15:18
	1-2km E (Shyrokyne)	Heard 12 explosions (outgoing)			
	5-7km NE	Heard and saw 24 explosions (impacts)			
1-2km E (Shyrokyne)	Heard and saw 3 explosions (impacts)				
W of Verkhnohyrokiyske (formerly Oktiabr; "DPR"-controlled, 29km NE of Mariupol)	N/K, S	Heard 10 undetermined explosions	Artillery (N/K calibre)	20 October, 14:03- 14:12	
Bezimenne ("DPR"- controlled, 30km E of Mariupol)	N/K, NNE	Heard 30 undetermined explosions	N/K	20 October, 13:52- 14:10	
Ocheretyne (government- controlled, 31km NW of Donetsk)	4-5km SE	Heard 1 explosion (outgoing)	Artillery (N/K calibre)	20 October, 12:30	
		Heard 7 explosions (outgoing)		20 October, 12:42- 12:47	
		Heard 11 undetermined explosions	N/K	20 October, 12:49- 12:58	
		Heard 4 explosions (outgoing)	Artillery (N/K calibre)	20 October, 13:01	
		Heard 3 undetermined explosions	N/K	20 October, 13:15- 13:16	
		Heard 3 explosions (outgoing)	Artillery (N/K calibre)	20 October, 13:37- 13:38	
		Heard 2 explosions (outgoing)		20 October, 13:48	
Maiorsk (government- controlled, 45km NE of Donetsk)	2-3km NNE	Heard 2 undetermined explosions	N/K	20 October, 15:20	
		Heard 1 undetermined explosion		20 October, 15:30	
		Heard an uncountable number of bursts	Heavy machine-gun, small arms	20 October, 16:07- 16:08	
		Heard 8 undetermined explosions	Recoilless gun (SPG- 9, 73mm)		
Stanytsia Luhanska (government- controlled, 16km NE of Luhansk)	4km NW	Heard 4 undetermined explosions	N/K	20 October, 09:48- 10:03	
		Heard 7-8 explosions (outgoing and the respective impacts)	AGS-17		
		Heard multiple shots and bursts	Small arms		
	8km NW	Heard 2 undetermined explosions	N/K	20 October, 10:14	

“LPR” checkpoint S of Stanytsia Luhanska bridge (16km NE of Luhansk)  Prince Ihor monument on the “LPR” side of the Stanytsia Luhanska bridge (16km NE of Luhansk)	0.5-0.6km N	Heard 1 undetermined explosion  (inside the disengagement area)	N/K	20 October, 09:35
	0.3-0.4km NW	Heard 1 undetermined explosion  (inside the disengagement area)		20 October, 10:12
	2km NW	Heard 4 bursts  (outside the disengagement area)	Heavy machine-gun	20 October, 16:50-17:10
	3-4km NE	Heard 2 bursts  (outside the disengagement area)	Small arms	
1km W of Trokhizbenka (government-controlled, 32km NW of Luhansk)	3-5km SSE	Heard 4 undetermined explosions	Mortars (likely)	20 October, 09:45-09:56
Zhovte (“LPR”-controlled, 17km NW of Luhansk)	10km NNW	Heard 4 undetermined explosions  (most likely the same as those heard in Trokhizbenka around	N/K	20 October, 09:56-10:00
Donetskyi (“LPR”-controlled, 49km NW of Luhansk)	10km SW	Heard 1 undetermined explosion	N/K	20 October, 10:06
	2km NW	Heard 1 undetermined explosion		20 October, 12:51
	10km WSW	Heard 1 undetermined explosion		20 October, 13:12
“LPR” side of Pervomaisk-Zolote disengagement area (60km W of Luhansk)	10km W	Heard 1 undetermined explosion (outside the disengagement area)	N/K	20 October, 15:32

