

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

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Park Inn Hotel (“DPR”-controlled, Donetsk city centre)	5-7km NNE	Heard 12 undetermined explosions	N/K	19 July, 20:25-20:35
	1-2km N	Heard 1 undetermined explosion		19 July, 21:16
	4-6km NW	Heard 4 undetermined explosions		19 July, 22:11
	5-7km NNW	Heard 14 undetermined explosions		20 July, 00:34-00:41
		Heard 36 undetermined explosions		20 July, 01:35-01:47
	5-7km NNE	Heard 12 undetermined explosions		20 July, 01:53-02:00
	5-7km NW	Heard 4 undetermined explosions		20 July, 02:10-02:15
	7-10km W	Heard 1 undetermined explosion		20 July, 02:15
	7-10km N	Heard 14 undetermined explosions		20 July, 03:08-03:15
	7-10km NW	Heard 1 undetermined explosion		20 July, 03:17
5-7km N	Heard 9 undetermined explosions	20 July, 03:19-03:24		
SMM camera in Shyrokyne (20km E of Mariupol)	5-8km NE	Recorded 1 explosion (incoming)	N/K	19 July, 20:46
		Recorded 2 bursts of tracer fire NW to SE	Heavy machine-gun	19 July, 21:10
		Recorded 4 explosions (impacts)	N/K	19 July, 22:17-22:21
		Recorded 4 explosions (incoming)		
		Recorded 11 bursts of tracer fire SSW to NNE	Heavy machine-gun	19 July, 22:21
		Recorded 4 explosions (impacts)	N/K	19 July, 22:22-22:31
		Recorded 1 explosion (incoming)		
		Recorded 5 explosions (impacts)		
		Recorded 3 explosions (incoming)	Heavy machine-gun	19 July, 22:38-22:41
		Recorded 4 bursts of tracer fire SSW to NNE		
		Recorded 3 explosions (incoming)	N/K	19 July, 22:41-22:44
		Recorded 4 bursts of tracer fire SSW to NNE		
		Recorded 2 bursts of tracer fire SSW to NNE	Heavy machine-gun	19 July, 22:48-22:50
		Recorded 1 burst of tracer fire W to E		
		Recorded 4 bursts of tracer fire SSW to NNE		
		Recorded 4 explosions (impacts)	N/K	19 July, 22:53-22:55
		Recorded 6 bursts of tracer fire SSW to NNE		
		Recorded 4 explosions (impacts)	N/K	19 July, 23:02-23:09
		Recorded 1 burst of tracer fire SSW to NNE		
		Recorded 3 explosions (impacts)	Heavy machine-gun	19 July, 23:10-23:13
Recorded 4 explosions (incoming)				
Recorded 4 explosions (incoming)				
1-3km NE	Recorded 9 explosions (impact)	N/K	19 July, 23:36-23:41	
Horlivka (“DPR”-controlled, 39km NE of Donetsk)	3km W	Heard 2 explosions (impacts)	Mortar (82mm)	19 July, 20:58
	3-4km W	Heard 2 bursts (5 shots each)	BMP-2 (30mm cannon)	19 July, 21:03-21:05
	2.5km W	Heard 2 bursts	Heavy machine-gun	19 July, 21:20
	4km W	Heard 2 explosions (impacts)	Mortar (82mm)	19 July, 21:25
	2km W	Heard 2 bursts	BMP-2 (30mm)	

<sup>1</sup> **Note:** 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 are entered only once.

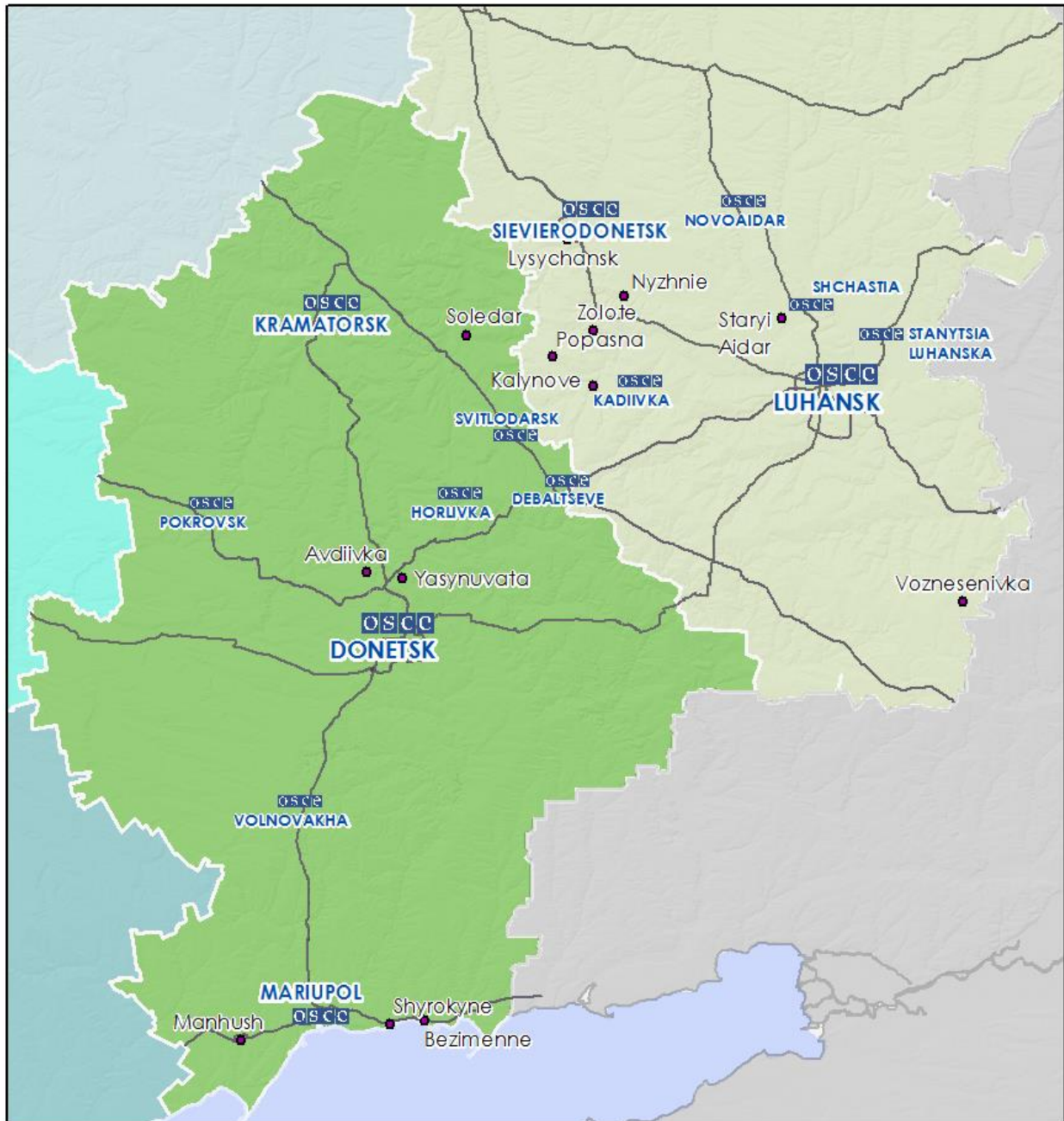
			cannon)	
	4km SW	Heard 1 explosion (impact)	Mortar (120mm)	19 July, 21:28
	1km W	Heard 1 shot (outgoing)	Recoilless gun (SPG-9)	19 July, 21:30
	5km W	Heard 1 explosion (impact)	Artillery (122mm)	19 July, 21:35
	1.5km W	Heard 3 shots (outgoing)	AGL	19 July, 21:41
	3km W	Heard 2 bursts (6 shots each)	Anti-aircraft (N/K calibre)	19 July, 21:45-21:52
	3.5km W	Heard 1 explosion (impact)	Mortar (82mm)	
	3km W	Heard 1 undetermined explosion	Anti-aircraft (N/K calibre)	
	6km SW	Heard 2 explosions (outgoing)	Artillery (122 mm)	
	4-5km W	Heard 4 explosions (impacts)		
	3km W	Heard 1 explosion (impact)		
	3.5km W	Heard 1 explosion (impact)		
	4.5km W	Heard 1 explosion (impact)	Mortar (120mm)	19 July, 21:57
	4km W	Heard 1 explosion (impact)	Mortar (82mm)	19 July, 22:13
	4.5km W	Heard 1 explosion (impact)		19 July, 22:18
	5km W	Heard 2 explosions (impacts)	Mortar (120mm)	19 July, 22:27
		Heard 2 explosions (impacts)		
	4km W	Heard 2 explosions (impacts)	Tank	19 July, 22:29
		Heard 2 explosions (impacts)		
	4km SW	Heard 1 explosion (impact)	Artillery (122 mm)	19 July, 22:37
	5-6km SW	Heard 30 explosions (impacts)	Artillery (152mm)	19 July, 22:55-23:15
	5-6km W	Heard 2 undetermined explosions	N/K	19 July, 23:29
	3km W	Heard 1 burst	BMP-2 (30mm cannon)	19 July, 23:36-23:42
	1.5-2km W	Heard 12 bursts	Small arms	
	4-5km NW	Heard 2 explosions (impacts)	Mortar (120mm)	
	5-6km NW	Heard 7 explosions (impacts)		
	6km W	Heard 1 explosion (impact)		
	5-6km W	Heard 4 explosions (impacts)		
	4-5km W	Heard 13 explosions (impacts)		
	5km W	Heard 1 explosion (impact)	Artillery (122mm)	19 July, 23:50-23:56
		Heard 3 explosions (impacts)	Mortar (120mm)	
		Heard 8 explosions (impacts)		
	5km NW	Heard 11 explosions (outgoing)	Artillery (152mm)	19 July, 23:57-00:13
		Heard and saw 5 explosions (outgoing)		
		Heard 7 explosions (outgoing)		
		Heard and saw 12 explosions (outgoing)		
		Heard 9 explosions (outgoing)		
	6-7km NW	Heard 30 undetermined explosions	Tank	20 July, 00:13-00:22
	5km NW	Heard approximately 60 explosions (outgoing)	Artillery (152mm)	20 July, 00:22-00:27
	4km SW	Heard 3 explosions (impacts)	Artillery (122mm)	20 July, 00:45-00:53
		Heard 3 explosions (impacts)		
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SE	Heard 14 explosions (outgoing)	BMP-1 (73mm cannon)	20 July, 01:00-03:00
	6km N	Heard 1 undetermined explosion	N/K	20 July, 02:30
		Heard 1 undetermined explosion		
	5km SE	Heard 2 undetermined explosions	N/K	20 July, 03:00
		Heard 1 undetermined explosion		
5km SSW	Heard 22 explosions (outgoing)	Artillery (122mm)	19 July, 21:48-22:10	
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-3km NW	Heard 3 bursts	Heavy machine-gun	19 July, 22:38
	2-3km SW	Heard 1 undetermined explosion	N/K	19 July, 23:15
	2-3km WNW	Heard at least 10 bursts	Heavy machine-gun	19 July, 23:27-23:29
		Heard 3 bursts		
		Heard 2 undetermined explosions	N/K	19 July, 23:32
		Heard 4 undetermined explosions		
		Heard at least 10 bursts	Heavy machine-gun	19 July, 23:34-23:58
		Heard 2 undetermined explosions	N/K	20 July, 09:26
	2-3km SW	Heard 4 undetermined explosions		20 July, 10:38
			20 July, 12:06	
			20 July, 12:17	
			20 July, 12:18	
			20 July, 12:19	
			20 July, 12:21	
			20 July, 12:29	
			20 July, 12:47	

		Heard 1 undetermined explosion		20 July, 12:51	
3-4km SW		Heard 2 undetermined explosions		20 July, 12:55	
		Heard 2 single shots	Small arms	20 July, 12:56	
3-4kmWNW		Heard 8 undetermined explosions	N/K	20 July, 13:11	
		Heard 4 single shots	Small arms		
3-5kmWNW		Heard 9 undetermined explosions	N/K	20 July, 13:13	
		Heard 10 single shots	Small arms	20 July, 13:13	
		Heard 6 undetermined explosions	N/K	20 July, 13:15	
		Heard 2 single shots	Small arms		
		Heard 3 undetermined explosions	N/K	20 July, 13:17	
		Heard 4 single shots	Small arms		
		Heard 2 undetermined explosions	N/K	20 July, 13:19	
		Heard 2 single shots	Small arms		
		Heard 4 undetermined explosions		20 July, 13:22	
	Heard 1 undetermined explosion		20 July, 13:27		
1-2kmWNW		Heard 1 undetermined explosion	N/K	20 July, 13:30	
3-5kmWNW		Heard 1 undetermined explosion			
1-2kmWNW		Heard 1 undetermined explosion			
3-5kmWNW		Heard 2 undetermined explosions		20 July, 13:33	
1-2kmWNW		Heard 1 undetermined explosion		20 July, 13:35	
		Heard 1 undetermined explosion			
3-4kmWNW		Heard 1 single shot		Small arms	20 July, 13:51
2-3km W		Heard 3 undetermined explosions		N/K	20 July, 14:09
		Heard 8 single shots		Small arms	
		Heard 3 undetermined explosions	N/K	20 July, 14:11	
		Heard 5 single shots	Small arms		
		Heard 20 bursts (3-4 rounds each)		20 July, 14:12	
		Heard 5 single shots			
	Heard 25 bursts (2-3 rounds each)	Heavy machine-gun	20 July, 14:15		
2-3km WNW		Heard 4 undetermined explosions	N/K	20 July, 14:17	
		Heard continuous bursts and single shots	Small arms	20 July, 14:17-14:20	
2-3km W		Heard 4 undetermined explosions	N/K	20 July, 14:21	
		Heard continuous bursts and single shots	Small arms		
		Heard continuous bursts and single shots		20 July, 14:23-14:27	
		Heard 5 undetermined explosions	N/K	20 July, 14:27	
		Heard continuous bursts and single shots	Small arms	20 July, 14:27-14:34	
		Heard 1 undetermined explosion	N/K	20 July, 14:34	
		Heard 10 bursts (3-5 round each)	Heavy machine-gun	20 July, 14:34-14:34	
		Heard 25 single shots	and small arms		
	Heard 11 bursts (3-5 rounds each)	Heavy machine-gun	20 July, 14:37-14:39		
2-3km SW		Heard 4 undetermined explosions	N/K	20 July, 14:38	
		Heard 50 single shots	Small arms		
		Heard at least 120 single shots		20 July, 14:39	
2-4km SW		Heard 20 single shots			20 July, 14:41
3-5km W		Heard 4 undetermined explosions	N/K	20 July, 14:42	
2-4km SW		Heard 5 bursts (3-4 shots each)	Heavy machine-gun		
2-3km SW		Heard 8 undetermined explosions	N/K	20 July, 14:43	
		Heard 15 single shots	Small arms		
		Heard 2 undetermined explosions	N/K	20 July, 14:44	
3-5km SW		Heard 5 single shots	Small arms	20 July, 14:45	
		Heard 5 bursts (2-3 shots each)	Heavy machine-gun		
2-3km W		Heard 1 undetermined explosion	N/K	20 July, 14:48	
		Heard 10 single shots	Small arms		
3-4km SW		Heard 5 single shots		20 July, 14:49	
1-2km W		Heard 1 explosion (impact)	N/K	20 July, 14:50	
2-3km SW		Heard 10 single shots	Small arms	20 July, 14:52	
		Heard 1 undetermined explosion	N/K		

1-3km W	Heard 1 undetermined explosion		20 July, 14:53	
	Heard 2 single shots	Small arms		
	Heard 1 explosion (impact)	N/K		
2-3km SW	Heard 1 burst	Small arms	20 July, 14:56	
	Heard 1 single shot			
1-3km SW	Heard 3 explosions (impacts)	N/K	20 July, 14:57	
5-6km SW	Heard 6 single shots	Small arms	20 July, 14:59	
2-3km SW	Heard 1 undetermined explosion	N/K	20 July, 15:00	
1-2km SW	Heard 1 explosion (impact)		20 July, 15:02	
5-6km SW	Heard 2 single shots	Small arms	20 July, 15:03	
2-3km SW	Heard 2 undetermined explosions	N/K		
1-2km W	Heard 4 single shots	Small arms		
1-3km SW	Heard 18 bursts (2-3 shots each)	Heavy machine-gun	20 July, 15:04	
1-2km SW	Heard 1 explosion (impact)	Mortar (N/K calibre)		
5-6km SW	Heard 20 single shots	Small arms		
4-5km W	Heard 20 bursts (2-3 shots each)	Heavy machine-gun	20 July, 15:05	
2-3km SW	Heard 5 single shots	Small arms	20 July, 15:07	
1-3km W	Heard 1 explosion (impact)	N/K	20 July, 15:08	
3-5km SW	Heard 10 single shots		Small arms	20 July, 15:09
3-4km W	Heard 6 single shots			
1-3km SW	Heard 1 undetermined explosion	Mortar (N/K calibre)	20 July, 15:10	
	Heard 1 single shot	Small arms		
1-2km SW	Heard 1 explosion (impact)	Mortar (N/K calibre)	20 July, 15:12	
2-3km SW	Heard 1 undetermined explosion	N/K	20 July, 15:15	
1-2km W	Heard 2 bursts (2-3 shots each)	Heavy machine-gun		
2-3km NW	Heard 6 bursts (2-3 shots each)	Small arms	20 July, 15:25	
3-5km WNW	Heard 5 single shots		20 July, 15:36	
	Heard 3 single shots		20 July, 15:39	
2-3km W	Heard 5 undetermined explosions	N/K	20 July, 15:42	
3-5km W	Heard 4 undetermined explosions		N/K	20 July, 15:44
	Heard 4 undetermined explosions	20 July, 15:50		
	Heard 3 bursts (3-5 shots each)	Heavy machine-gun	20 July, 15:56	
	Heard 1 undetermined explosion	N/K	20 July, 16:04	
3-5km WNW	Heard 7 undetermined explosions	Small arms	20 July, 16:06-16:09	
	Heard 8 single shots	N/K		
	Heard 10 undetermined explosions	Small arms	20 July, 16:09	
	Heard 13 single shots	N/K	20 July, 16:12	
	Heard 7 undetermined explosions	N/K	20 July, 16:16-16:20	
	Heard 7 undetermined explosions		20 July, 16:21	
	Heard 3 undetermined explosions	Small arms	20 July, 16:31	
	Heard 13 single shots	N/K	20 July, 16:35	
3-5km W	Heard 4 undetermined explosions	N/K	20 July, 16:39	
	Heard 5 undetermined explosions		20 July, 16:45	
	Heard 20 bursts (3-4 shots each)		20 July, 16:46	
1-2km W	Heard 1 undetermined explosion	N/K	20 July, 16:48	
6-8km WNW	Heard 1 undetermined explosion		20 July, 16:56	
5-7km WNW	Heard 1 undetermined explosion		20 July, 16:57	
4-6km W	Heard 1 undetermined explosion		20 July, 16:58	
6-8km W	Heard 1 undetermined explosion		20 July, 16:59	
4-5km SW	Heard 1 undetermined explosion	Small arms	20 July, 17:01	
	Heard 18 bursts (2-3 shots each)			
	Heard 20 bursts (2-3 shots each)			
	Heard 3 bursts (5-6 shots each)			
3-4km W	Heard 1 undetermined explosion	N/K		
4-5km SW	Heard 1 single shot	Small arms		

	3-4km NW	Heard 2 undetermined explosions	N/K	20 July, 17:02
	3-4km SW	Heard 1 undetermined explosion		20 July, 17:10
	3-4km W	Heard 2 undetermined explosions		20 July, 17:13
		Heard 1 undetermined explosion		20 July, 17:14
	2-3km WNW	Heard 2 undetermined explosions		
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	2-3km NW	Heard 18 undetermined explosions	N/K	20 July, 10:30-10:56
Chermalyk (government-controlled, 31km NE of Mariupol)	1km SSE	Heard and saw 1 explosion (impact)	N/K	20 July, 12:45
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	5-10km NE	Heard 1 undetermined explosion	N/K	20 July, 13:28
	3-5km NW	Heard 1 undetermined explosion		20 July, 13:30
	5-10km NE	Heard 1 undetermined explosion		20 July, 13:31
	3-8km NE	Heard 3 undetermined explosions		20 July, 14:19-14:20
Avdiivka (government-controlled, 17km N of Donetsk)	5-6km ESE	Heard 1 undetermined explosion	N/K	20 July, 14:35
	6-7km ESE	Heard 1 undetermined explosion		20 July, 14:48
	5km ESE	Heard 1 explosion (impact)	Recoilless gun (SPG-9)	20 July, 14:51
	5-7km ESE	Heard 1 undetermined explosion	N/K	20 July, 14:57
		Heard 1 undetermined explosion		20 July, 15:10
	5-6km ESE	Heard 1 undetermined explosion		20 July, 15:55
	4-5km ESE	Heard 5 undetermined explosions		20 July, 16:05-1610
FPB in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-5km S	Heard 5 undetermined explosions	N/K	20 July, 02:00-03:00
		Heard 260 single shots, majority SSW to SSE	Small arms	
		Heard 224 single shots, majority SSW to SSE	Heavy machine-gun	
		Heard 79 single shots, majority SSW to SSE	23 or 30mm cannon	
		Heard 50 bursts, majority SSW to SSE	23 or 30mm cannon	
		Heard 1 explosion (outgoing, SSW to SSE)	AGL	
		Heard 9 explosions (outgoing and impacts, SSW to SSE)	Recoilless gun (SPG-9), rocket-propelled grenade launcher (RPG-7) or 73mm cannon	
		Saw 43 bursts of tracer fire SSW to SSE	N/K	
		Saw 1 burst of tracer fire SSE to SSW	N/K	

## Map of Donetsk and Luhansk Regions<sup>2</sup>



<sup>2</sup> 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.