SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
"DPR"-controlled	C / CIIC			
Donetsk city centre	8-15km N	Heard 4 undetermined explosions	N/K	7 July, 22:55-23:15
		Heard 2 undetermined explosions		8 July, 03:52
		Heard 1 undetermined explosion		8 July, 22:50
		Heard 1 undetermined explosion		8 July, 23:37
		Heard 3 undetermined explosions		9 July, 00:07
		Heard 1 undetermined explosion		9 July, 03:04
		Heard 2 undetermined explosions		9 July, 03:46
	8-10km NW	Heard 2 undetermined explosions	N/K	9 July, 03:53
		Heard 3 undetermined explosions		9 July, 04:02
		Heard 1 undetermined explosion		9 July, 04:08
		Heard 1 undetermined explosion		9 July, 04:44
		Heard 1 undetermined explosion		9 July, 04:49
SMM camera in	3-6km ESE	Recorded 1 undetermined explosion	N/K	7 July, 20:54
Avdiivka		Recorded 1 undetermined explosion		7 July, 20:56
(government-		Recorded 8 illumination flares in		7 July, 21:33-21:43
controlled, 17km N		vertical flight		-
of Donetsk)		Recorded 9 undetermined explosions		7 July, 21:52-21:57
		Recorded 39 tracers from W to E		
		Recorded 18 tracers from S to N		
		Recorded 3 tracers from E to W		
		Recorded 6 tracers from N to S		
		Recorded 18 undetermined explosions		7 July, 21:57-22:32
		Recorded 4 projectiles from W to E		
		Recorded 1 projectile from E to W		
		Recorded 4 illumination flares in		
		vertical flight		7.1.1. 00.50
		Recorded 1 tracer from W to E		7 July, 23:58
		Recorded 2 undetermined explosions		7 July, 23:59-24:00
		Recorded 1 projectile from W to E Recorded 1 illumination flare in		8 July, 00:09
		vertical flight		8 July, 00:25
		Recorded 2 tracers from W to E		8 July, 00:33
		Recorded 11 tracers from W to E		8 July, 01:01-01:02
		Recorded 11 maters from V to E Recorded 11 projectiles from N to S		0 July, 01.01-01.02
		Recorded 2 illumination flares in		8 July,01:35-01:37
		vertical flight		0 July,01.55 01.57
		Recorded 14 projectiles from N to S		
		Recorded 4 projectiles from E to W		8 July,01:41-01:44
		Recorded 4 projectiles from W to E		8 July, 02:27
		Recorded 7 projectiles from E to W		8 July, 02:40
		Recorded 7 projectiles from E to W		8 July, 03:00
		Recorded 6 projectiles from W to E		8 July, 03:14-03:18
		Recorded 1 undetermined explosion		
	1	Recorded 1 projectile from E to W Recorded 1 undetermined explosion	N/K	8 July, 03:27 8 July, 18:31

## Table of ceasefire violations as of 9 July 2017<sup>1</sup>

<sup>&</sup>lt;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.

		Decorded 1 circles		0 July 10.51
		Recorded 1 airburst Recorded 1 undetermined explosion		8 July, 18:51 8 July, 20:06
		Recorded 1 airburst	-	-
		Recorded 1 arburst Recorded 11 tracers from SW to NE	-	8 July, 20:10
		Recorded 7 tracers from NW to SE		8 July, 21:06-21:07
		Recorded 1 projectile from SW to NE	-	8 July, 21.00-21.07
		Recorded 1 projectic from 5 W to TVL Recorded 1 explosion (impact)	-	8 July, 21:24
		Recorded 4 tracers from SW to NE		-
		Recorded 1 tracer from NW to SE	-	8 July, 21:34 -21:36
		Recorded 2 tracers from SW to NE	N/K	8 July, 21:56
		Recorded 1 projectile from NW to SE		8 July, 23:02
		Recorded 2 projectiles from NW to	-	8 July, 23:10-23:11
		SE		5,
		Recorded 1 projectile from NW to SE		9 July, 02:06
		Recorded 1 projectile from NW to SE		9 July, 03:52
		Recorded 1 explosion (impact)		9 July, 03:52
		Recorded 1 projectile from SE to NW		9 July, 03:56
Yasynuvata	1-3km W	Heard 30 bursts	G 11	0 1 1 12 07 12 14
("DPR"-controlled,		Heard 6 shots	Small arms	8 July, 13:07-13:14
16km NE of	2-3km W	Heard 2 undetermined explosions	N/K	8 July, 13:07
Donetsk)		Heard uncountable overlapping bursts	1011	0 July, 15.07
	2-3km NW	and shots	Small arms	8 July, 13:29-30
		Heard 1 undetermined explosion		8 July, 13:34
		*	N/K	
	2-3km W	Heard 6 undetermined explosions		8 July, 13:41
		Heard 8 bursts	-	8 July, 14:20
		Heard 7 bursts	Small arms	8 July, 14:25
	1-2km SW	Heard 3 bursts		8 July, 15:04
	4-5km SW	Heard 1 undetermined explosion	N/K	
	2-3km W	Heard 10 shots		8 July, 15:28-15:43
	2-3km SW	Heard 12 shots	- Small arms	o valy, 10.20 10110
		Heard 31 bursts		
				0 1 1 15 51 15 54
		Heard 6 shots		8 July, 15:51-15:54
	2-3km W	Heard 1 undetermined explosion	N/K	
	2-4km W	Heard 3 shots	Small arms	9 July, 09:55
	3-6km NW	Heard 1 undetermined explosion		9 July, 09:57
	( 01 W	Heard 9 undetermined explosions		9 July, 10:49-10:52
	6-8km W	Heard 1 undetermined explosion	N/K	9 July, 10:56
	3-4km SW	Heard 5 undetermined explosions		9 July, 11:11-11:15
		Heard 3 undetermined explosions		9 July, 11:37
	3-5km SW	Heard uncountable overlapping bursts	C	
		and shots	Small arms	9 July, 11:37-11:41
	2-3km SW	Heard 8 undetermined explosions		
	3-5km SW	Heard 2 undetermined explosions		9 July, 11:40
	1-3km W 2-4km W	Heard 1 undetermined explosion		9 July, 12:06
		Heard 2 undetermined explosions	N/K	9 July, 12:13
		Heard 30 undetermined explosions		9 July, 14:02-14:07
	3-5km W	Heard 23 undetermined explosions	-	9 July, 14:08-14:12
	2-4km SW	Heard 2 undetermined explosions		9 July, 14:15
	3-5km W	Heard 46 shots	HMG	9 July, 14:40-14:56
	5-5Km W	Heard 9 bursts		<i>y</i> eury, 11110 11100
		Heard 28 undetermined explosions	N/K	_
	2-4km W	Heard 20 bursts	HMG	9 July, 14:57-15:03
		Heard 12 shots	Small arms	
		Heard 6 undetermined explosions	N/K	_
		Heard 7 bursts	HMG	
		Heard 2 undetermined explosions	N/K	9 July, 15:11-15:14
		Heard 21 bursts	Small arms	-
	1-3km W	Heard 2 undetermined explosions	N/K	9 July, 15:23
	- Onlin IV	Heard 1 undetermined explosion		0 July 15:41 15:46
		Heard 14 bursts	Small arms	9 July, 15:41-15:46
		Heard 5 shots		

Avdiivka				
(government- controlled, 17km N	3-5km SE	Heard 24 explosions (outgoing)	N/K	9 July, 14:55-15:00
of Donetsk)		Heard 2 bursts	Small arms	
SMM camera at	N/K N	Recorded 4 tracers from E to W	N/K	7 July, 21:40
Shyrokyne (20km E		Recorded 1 tracer from W to E		-
of Mariupol)		Recorded 1 tracer from E to W		7 July, 21:42
		Recorded 1 rocket assisted projectiles from S to N		7 July, 21:48
		Recorded 1 tracer from S to N	1	7 July, 21:49
		Recorded 1 tracer from W to E Recorded 1 tracer from W to E	-	7 July, 22:20
		Recorded 1 tracer from W to E Recorded 1 tracer from W to E	-	7 July, 22:21
		Recorded 2 tracers from E to W	-	7 July, 22.21
		Recorded 1 tracer from E to W		7 July, 22:28
		Recorded 1 tracer from S to N		7 July, 22:39
		Recorded 1 tracer from S to N		7 July, 22:40
		Recorded 1 tracer from SE to NW		7 July, 22.40
		Recorded 1 tracer from S to N		7 July, 22:43
		Recorded 1 tracer from SE to NW	_	/ valj, 22.10
		Recorded 1 undetermined explosion	_	7 July, 22:53
		Recorded 3 tracers from W to E	-	-
		Recorded 1 undetermined explosion	-	7 July, 23:01
		Recorded 1 tracer from S to N		7 July, 23:02
		Recorded 8 tracers from E to W		7 July, 23:32
		Recorded 1 tracers from E to W	-	7 July, 23:36
		Recorded 3 tracers from W to E Recorded 3 tracers from SE to NW	-	7 July, 23:43
		Recorded 1 tracers from E to W	-	7 July, 23:46
		Recorded 17 tracers from E to W	-	7 July, 25.40
		Recorded 15 tracers from W to E		
		Recorded 15 tracers from SE to NW	-	8 July, 00:03
		Recorded 1 undetermined explosion		
		Recorded 5 tracers from SE to NW		8 July, 00:04
		Recorded 1 undetermined explosion		8 July, 00:25
		Recorded 3 tracers from W to E		8 July, 00:45
		Recorded 24 tracers from W to E	1	8 July, 00:48
		Recorded 14 tracers from W to E		8 July, 01:09
		Recorded 1 tracer from W to E		8 July, 01:14
		Recorded 2 tracers from W to E		9 July 01.15
		Recorded 4 tracers from W to E		8 July, 01:15
		Recorded 4 tracers from E to W		
		Recorded 1 tracer from W to E		8 July, 01:15
		Recorded 1 undetermined explosion		
		Recorded 5 tracers from W to E		8 July, 01:18
		Recorded 6 tracers from W to E		8 July, 01:20
		Recorded 6 tracers from E to W	_	
		Recorded 6 tracers from E to W	-	8 July, 02:21
		Recorded 6 tracers from E to W		8 July, 02:22
		Recorded 28 tracers from E to W   Recorded 5 tracers from W to E	-	8 July, 02:23
		Recorded 1 tracer from E to W		8 July, 02:37
		Recorded 1 tracer from E to W Recorded 18 tracers from E to W	-	8 July, 02:38
		Recorded 18 tracers from E to W		8 July, 02:40
	<u> </u>	Recorded 2 undetermined explosions   Recorded 1 tracer from E to W		8 July, 21:20
	N/K N	Recorded 1 tracer from E to W Recorded 1 tracer from E to W	N/K	8 July, 21:20 8 July, 21:22

		Recorded 1 tracer from E to W	-	8 July, 21:25
		Recorded 1 tracer from E to W	-	8 July, 21:25
		Recorded 1 tracer from E to W	-	8 July, 21:26
		Recorded 1 tracer from E to W	-	8 July, 21:28
		Recorded 1 tracer from E to W	-	8 July, 21:28
		Recorded 1 tracer from E to W	-	
		Recorded 1 tracer from E to W		8 July, 21:29
		Recorded 1 tracer from E to W		
		Recorded 1 tracer from E to W		8 July, 21:30
		Recorded 7 tracers from E to W		8 July, 21:31
		Recorded 1 tracer from E to W		8 July, 21:31
		Recorded 1 tracer from E to W		8 July, 21:32
		Recorded 1 tracer from E to W		8 July, 21:32
		Recorded 1 tracer from W to E		8 July, 21:33
		Recorded 10 tracers from E to W		8 July, 21:37
		Recorded 16 tracers from E to W		8 July, 21:39
		Recorded 4 tracers from E to W		8 July, 21:41
		Recorded 5 tracers from E to W	1	8 July, 21:49
		Recorded 1 tracer from W to E	1	8 July, 21:52
		Recorded 6 tracers from W to E	1	
		Recorded 1 undetermined explosion	1	8 July, 22:00
		Recorded 8 undetermined explosion	1	8 July, 22:32
		Recorded 21 undetermined	4	5 July, 22.32
		explosions		
		Recorded 3 rocket-assisted projectiles	-	8 July, 22:33
		from E to W		
		Recorded 4 tracers from W to E		8 July, 23:55
		Recorded 1 tracer from W to E		9 July, 00:00
		Recorded 1 tracer from E to W		9 July, 01:28
		Recorded 1 tracer from W to E		9 July, 01:31
		Recorded 1 tracer from W to E		9 July, 02:18
Mykolaivka		Heard 13 shots	HMG	
(government-		Heard 45 shots	Aircraft cannon (ZU-	
controlled, 40km S		Treatu 45 shots	23, 23mm)	0 1 1 11 55 10 00
of Donetsk)	1.2km NW	Heard 7 shots	IFV (BMP-2) cannon	8 July, 11:55-12:20
			(30mm)	
		Heard 11 explosions (impacts)	N/K	
1.5km S of	N/K ENE	Heard 2 undetermined explosions	N/K	8 July, 14:20-14:21
Lebedynske		_		
(government-				
controlled, 16km NE				
of Mariupol)		Heard 6 avalasions (outasing)	Mortar (tura N/V)	
NE edge of Lebedynske		Heard 6 explosions (outgoing)	Mortar (type N/K)	9 July, 12:24-12:29
(government-	N/K E	Heard 1 shot	Small arms	-
controlled, 16km NE		Heard 11 bursts	N /IZ	9 July, 12:40-12:47
of Mariupol)		Heard 1 explosion (impact)	N/K	,,, 12.10 12.11
2.2km S of Sakhanka	N/K SW	Heard 1 explosion (outgoing)		
("DPR"-controlled,	N/K W	Heard 1 explosion (impact)		
24km NE of	N/K SW	Heard 1 undetermined explosion		
Mariupol)	N/K SW	Heard 1 explosion (outgoing)	1	
	N/K WNW	Heard 1 explosion (impact)	1	
	N/K NE	Heard 1 undetermined explosion		
	N/K N	Heard 1 undetermined explosion	N/K	8 July,14:16-14:30
	N/K WSW	Heard 1 explosion (outgoing)	1	
	N/K NNW	Heard 1 explosion (impact)	1	
	N/K WSW	Heard 1 explosion (unpact) Heard 1 explosion (outgoing)	1	
	N/K ENE	Heard 1 explosion (impact)	1	
	N/K WSW	Heard 1 explosion (unpact) Heard 1 explosion (outgoing)	1	
	1/17 1/0 1/	ficara i expresion (ourgoing)		

[				
	N/K NW	Heard 1 explosion (impact)	_	
	N/K W	Heard 1 explosion (outgoing)		
	N/K NNW	Heard 1 explosion (impact)		
	N/K WSW	Heard 1 explosion (outgoing)		
	N/K NNW	Heard 1 explosion (impact)		
	N/K WSW	Heard 6 explosions (outgoing)		
	N/K NNW	Heard 6 explosions (impact)	-	8 July, 14:31- 14:42
		Heard 1 burst	HMG	8 July, 14:45
	N/K WSW	Heard 5 shots	Small arms	8 July, 14:46
	N/K SW	Heard 1 undetermined explosion	N/K	0 July, 14.40
		Heard 1 shot		9 I.I. 14.5C
	2-3km SSW	Heard 1 burst	Small arms	8 July, 14:56
	2km WNW	Heard 2 undetermined explosions	N/K	8 July, 15:10- 15:11
		Heard uncountable overlapping shots	Small arms	
Horlivka ("DPR"- controlled, 39km NE of Donetsk)	5-8 km N	Heard 10 undetermined explosion	N/K	7 July, 21:00-21:02
Svitlodarsk	7-9km W	Heard 2 undetermined explosions	N/V	9 July, 00:37
(government-		Heard 4 undetermined explosions	N/K	9 July, 00:55
controlled, 57km NE		Heard 5 bursts	HMG	9 July, 00:56
of Donetsk)		Heard 10 undetermined explosions	N/K	9 July, 00:58
		Heard 5 undetermined explosions		9 July, 00:59
		Heard 1 undetermined explosion	N/K	9 July, 01:00
		Heard 11 bursts	HMG	9 July, 01.00
	6-8km E	Heard 2 undetermined explosions	N/K	9 July, 01:02
		Heard 5 bursts	HMG	9 July, 01:04
		Heard 4 bursts	ПИО	9 July, 01:05
		Heard 10 undetermined explosions	N/K	9 July, 01:06
		Heard 2 bursts	HMG	
		Heard 3 undetermined explosions		9 July, 01:07
		Heard 2 undetermined explosions	N/K	9 July, 01:08
	7-8km SE	Heard 1 undetermined explosion	1.0/1	9 July, 01:10
	7-8km W	Heard 1 undetermined explosion		9 July, 01:35
	6-8km E	Heard 2 bursts	HMG	9 July, 01:51
	7-9km SSE	Heard 1 undetermined explosion	N/K	9 July, 09:09
	2 4hm SSE	Heard 4 explosions (outgoing)	Recoilless gun (SPG- 9), cannon (73mm)	9 July, 09:15-09:20
	3-4km SSE	Heard 1 burst	HMG	
	5-7km E	Heard 6 explosions (outgoing)	Recoilless gun (SPG- 9)	9 July, 09:22
	J-/KIII E	Heard 3 undetermined explosions	N/K Recoilless gun (SPG-	9 July, 09:23 9 July, 09:23-09:25
		Heard 7 explosions (outgoing) Heard 10 explosions (outgoing)	9),	9 July, 09:23-09:23 9 July, 09:27-09:33
		Heard 4 explosions (impact)	9), N/K	9 July, 09:27-09:55
			Recoilless gun (SPG-	
	3-5km SSE	Heard 7 explosions (outgoing) Heard 1 burst	9) HMG	9 July, 09:29-09:31 9 July, 09:30
		Heard 20 explosions (outgoing)	Recoilless gun (SPG- 9)	9 July, 09:45-10:00
		Heard 2 explosions (impact)	N/K	> 541, 07.75-10.00
		Heard 5 bursts	HMG	1
	5-7km SW	Heard 12 shots	Small arms	9 July, 13:13-14:00
		Heard 5 undetermined explosions	N/K	
SMM camera in		Recorded 1 illumination flare from		( T 1 . 00.00
Zolote (government-		NW to SE		6 July, 22:32
controlled, 60km W of Luhansk)		Recorded 29 projectiles from NW to SE		7 July, 00:16
	3km E	Recorded 16 projectiles from NW to SE	N/K	7 July, 00:21
		Recorded 4 projectiles from NW to SE		7 July, 00:22:47
		Recorded 4 projectiles from NW to SE		7 July, 00:22:55

SMM camera in Zolote (government- controlled, 60km W of Luhansk)	4-5km S	Recorded 1 projectile, fired vertically	Flare	
	4-5km S	Recorded 1 projectile from SE to NW	N/K	07 July, 22:27



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

<sup>&</sup>lt;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.)