Table of	ceasefire	violations	as of 17	July 2017 ¹
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SMM position	Location of	Observation	Type of	Date/time
((DDD))	event		weapon/ammunition	1611 00 54
"DPR"-controlled,	8-10km	Heard 1 undetermined explosion	N/K	16 July, 22:54
Donetsk city centre	WNW	Heard 1 undetermined explosion		16 July, 23:22
SMM camera in Avdiivka (government- controlled, 17km N of Donetsk)	4-5km ESE	Recorded 1 projectile from W to E	N/K	16 July, 23:57
Avdiivka		Heard 3 shots	Small arms	17 July, 11:01
(government-		Heard 3 undetermined explosions		17 July, 11:07
controlled, 17km N	2-4km ESE	Heard 1 undetermined explosion	N/K	17 July, 11:21
of Donetsk)		Heard 1 undetermined explosion		17 July, 11:50
		Heard 10 shots	C	17 July, 14:23
		Heard 42 shots	Small arms	
		Heard 8 bursts	HMG	
		Heard 2 undetermined explosions	N/K	17 July, 14:25-14:54
	1-3km ESE	Heard 8 shots		
		Heard 5 bursts	G 11	
		Heard 32 bursts	Small arms	17.1.1.15.10.15.00
		Heard 30 shots		17 July, 15:18-15:22
	2-4km E	Heard 6 undetermined explosions	N/K	17 July, 15:20
Yasynuvata ("DPR"-	3-5km W	Heard 1 undetermined explosion	NT/17	17 July, 11:48
controlled, 16km NE	1-2km NW	Saw and heard 1 explosion (impact)	N/K	17 July, 12:22
of Donetsk)		Heard 8 shots	Small arms	17 July, 13:36
		Heard 1 undetermined explosion	N/K	17 July, 13:46
	2-3km W	Heard 3 shots	Small arms	
	2-3km WNW	Heard 6 shots		17 July, 13:57
	3-5km W	Heard 1 undetermined explosion	N/K	17 July, 14:00
	1-3km W	Heard 6 bursts	Small arms	17 July, 14:06-14:07
	2-3km W	Heard 1 undetermined explosion	N/IZ	17 July, 14:08
	3-5km W	Heard 4 undetermined explosions	N/K	17 July, 14:15
	1-3km W	Heard uncountable overlapping bursts and shots	HMG and small arms	17 July, 14:18-14:22
	2-3km W	Heard 2 undetermined explosions	N/K	17 July, 14:32
	3-5km W	Heard 2 undetermined explosions		17 July, 14:44
	1-3km W	Heard 14 bursts	Small arms	17 July, 14:54
		Heard 4 shots		
	1-2km NW	Heard 4 bursts	• N/K	17 July, 14:58
		Heard 1 undetermined explosion		
		Heard 6 undetermined explosions		
		Heard 3 bursts	Small arms	•
SMM camera in Shyrokyne (20km E of Mariupol)	N/K N	Recorded 3 tracers from W to E	N/K	16 July, 21:07
		Recorded 3 tracers from E to W		16 July, 21:08
		Recorded 5 tracers from W to E		
		Recorded 1 tracer from S to N		16 July, 21:10
		Recorded 2 undetermined explosions		16 July, 21:12
		Recorded 1 tracer from E to W		16 July, 21:16
		Recorded 3 tracers from W to E		16 July, 21:17
		Recorded 2 undetermined explosions		
		Recorded 8 tracers from W to E		16 July, 21:18

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.

	1	1	r	· · · · ·
		Recorded 11 tracers from E to W		16 July, 21:19
		Recorded 5 tracers from W to E		10 July, 21.17
		Recorded 8 tracers from E to W		16 July, 21:20
		Recorded 22 tracers from W to E		-
		Recorded 7 tracers from W to E		16 July, 21:23
		Recorded 3 tracers from W to E		16 July, 21:24
		Recorded 1 illumination flare		_
		Recorded 13 tracers from E to W		16 July, 21:26
		Recorded 6 tracers from E to W		16 July, 21:27
		Recorded 1 tracer from W to E		
		Recorded 6 tracers from E to W		16 July, 21:28
		Recorded 3 tracer from W to E		1000019, 21120
		Recorded 14 tracers from E to W		
		Recorded 1 tracer from W to E		16 July, 21:29
		Recorded 1 illumination flare		
		Recorded 3 tracers from W to E		16 July, 21:34
		Recorded 1 undetermined explosion		16 July, 21:37
		Recorded 2 tracers from E to W		16 July, 21:40
		Recorded 5 tracers from W to E		16 July, 21:46
		Recorded 1 tracer from E to W		
		Recorded 3 tracers from W to E		16 July, 21:47
		Recorded 3 undetermined explosions		16 July, 21:56
		Recorded 13 tracers from E to W		16 July, 22:15
		Recorded 4 tracers from W to E		
		Recorded 1 tracer from W to E		16 July, 22:33
		Recorded 1 undetermined explosion		16 July, 23:09
		Recorded 1 undetermined explosion		16 July, 23:10
		Recorded 2 undetermined explosions		
		Recorded 1 undetermined explosion		16 July, 23:11
		Recorded 7 tracers from W to E		16 July, 23:19
		Recorded 1 tracer from W to E		16 July, 23:48
		Recorded 1 tracer from W to E		16 July, 23:54
		Recorded 1 rocket-assisted projectiles		16 July, 23:55
		from W to E		
		Recorded 4 tracers from E to W		16 July, 23:59
		Recorded 3 tracers from W to E		17 July, 00:01
		Recorded 7 tracers from W to E		17 July, 00:02
		Recorded 1 tracer from W to E		17 July, 00:10
		Recorded 1 undetermined explosion		17 July, 00:13
		Recorded 4 tracers from E to W		_
		Recorded 2 tracers from W to E		17 July, 02:13
		Recorded 5 tracers from W to E		17 July, 02:28
2.2km SW of	NULCES	Heard 2 undetermined explosions		17 July, 09:30
Pyshchevyk (government-	N/K SSE	Heard 1 undetermined explosion		17 July, 10:05
controlled, 25km NE	0.3km SE	Heard and saw 1 explosion (impact)	N/K	17 July, 10:05
of Mariupol)	U.JKIII DE	(caused by an explosive device)		17 July, 10.10
Horlivka ("DPR"-	12km W	Heard 7 undetermined explosion		16 July, 22:20-22:35
controlled, 39km NE	4km W	Heard 1 explosion (impact)		16 July, 22:20-22:35
of Donetsk)		Heard 1 undetermined explosion	N/K	17 July, 16:38
	8-10km SSW	Heard 2 undetermined explosions]	17 July, 16:45
		Heard 3 undetermined explosions		17 July, 16:50
Svitlodarsk	3-4km SE	Heard 5 bursts	HMG	16 July, 20:30
(government-	4.51.05	Heard 4 undetermined explosions	N/K	16 July, 22:15
controlled, 57km NE	4-5km SE	Heard 5 shots Heard 2 undetermined explosions	HMG	16 July, 22:30
of Donetsk)	5-7km SE	Heard 2 undetermined explosions Heard 2 undetermined explosions	N/K	16 July, 22:32 16 July, 22:42
	4-5km SE	Heard 5 bursts	Small arms	16 July, 22:50
L	T JAIL DE	iiuu 5 buibto	Sinui utilis	10 3019, 22.30

	6 61 0		27/17	1 < 1 1
	5-7km SW	Heard 2 undetermined explosions	N/K	16 July, 22:57
	6-7km SE	Heard 5 bursts	HMG	16 July, 23:05
	3-4km SE	Heard 5 shots		16 July, 23:12
		Heard 2 undetermined explosions	N/K	
		Heard 6 shots	HMG	16 July, 23:16
	4-5km SE	Heard 1 undetermined explosion	N/K	16 July, 23:20
	3-4km SE	Heard 3 bursts Heard 5 shots	Small arms	16 July, 23:23
	4-5km SE	Heard 3 undetermined explosions		16 July, 23:45
		Heard 4 undetermined explosions	N/K HMG	16 July, 23:50
		Heard 5 bursts		16 July, 23:52
		Heard 10 shots		17 July, 00:06
		Heard 2 undetermined explosions	N/K	17 July, 00:09
		Heard 2 undetermined explosions		17 July, 00:20
		Heard 1 undetermined explosion		17 July, 00:27
	5km SE	Heard 10 shots	Small arms	17 July, 00:50
	3-4km SE	Heard 3 undetermined explosions	N/K	17 July, 00:55
	4-5km SE	Heard 5 bursts	HMG	17 July, 01:40
	6-8km SE	Heard 2 undetermined explosions	N/K	17 July, 01:42
	4-5km SE	Heard 10 shots	Small arms	17 July, 01.42
	- JKII JL	Heard 9 undetermined explosions	Sman arms	17 July, 02:00
		Heard 9 undetermined explosions	-	17 July, 02:46
	3-5km E	Heard 1 undetermined explosion	N/K	17 July, 02:40
	4-6km NE	Heard 6 undetermined explosion	10/15	17 July, 03:10
	4-0KIII NE	Heard 5 undetermined explosions		17 July, 05:30
0.07		Recorded 2 tracers from NW to SE		17 July, 05.50
SMM camera in	3-4km E	(assessed as outside the		15 July, 20:29
Zolote (government-	J-4KIII L	disengagement area)		15 July, 20.27
controlled, 60km W		Recorded 1 projectile from S to N		
of Luhansk)	2-5km ESE	(assessed as outside the		15 July, 20:34
		disengagement area)		15 July, 20.54
		Recorded 4 tracers from NW to SE	-	15 July, 20:40
	3-5km E	(assessed as outside the	N/K	
		disengagement area)		
	3km E	Recorded 3 tracers from NW to SE		
		(assessed as outside the		
		disengagement area)		
		Recorded 7 tracers from NW to SE		
		(assessed as outside the		
		disengagement area)		
	0.51	Recorded 5 bursts (assessed as outside	IFV (BMP-2) cannon	-
	2.5km ENE	the disengagement area)	(30mm) (possibly)	
	3-4km E	Recorded 1 tracer from NW to SE		15 July, 20:41
		(assessed as outside the		
		disengagement area)		
		Recorded 1 tracer from S to N		
		(assessed as outside the		
		disengagement area)		
		Recorded 1 tracer from W to E		
		(assessed as outside the		15 July, 20:41
	41 - EGE	(assessed as outside the		15 July, 20:41
	4km ESE		-	15 July, 20:41
	4km ESE	(assessed as outside the disengagement area)		15 July, 20:41
	4km ESE	(assessed as outside the disengagement area) Recorded 3 tracers from W to E	N/K	15 July, 20:41
	4km ESE	(assessed as outside the disengagement area) Recorded 3 tracers from W to E (assessed as outside the	N/K	15 July, 20:41
	4km ESE	(assessed as outside the disengagement area) Recorded 3 tracers from W to E (assessed as outside the disengagement area)	N/K	15 July, 20:41
	4km ESE	(assessed as outside the disengagement area) Recorded 3 tracers from W to E (assessed as outside the disengagement area) Recorded 1 tracer in vertical flight (assessed as outside the disengagement area)	N/K	15 July, 20:41
	4km ESE	(assessed as outside the disengagement area) Recorded 3 tracers from W to E (assessed as outside the disengagement area) Recorded 1 tracer in vertical flight (assessed as outside the	N/K	15 July, 20:41
	4km ESE 3-4km ESE	(assessed as outside the disengagement area) Recorded 3 tracers from W to E (assessed as outside the disengagement area) Recorded 1 tracer in vertical flight (assessed as outside the disengagement area)	N/K	15 July, 20:41 15 July, 20:55
		(assessed as outside the disengagement area)Recorded 3 tracers from W to E (assessed as outside the disengagement area)Recorded 1 tracer in vertical flight (assessed as outside the disengagement area)Recorded 1 tracer from NE to SW (assessed as outside the disengagement area)	N/K	
		(assessed as outside the disengagement area)Recorded 3 tracers from W to E (assessed as outside the disengagement area)Recorded 1 tracer in vertical flight (assessed as outside the disengagement area)Recorded 1 tracer from NE to SW (assessed as outside the	N/K	
		(assessed as outside the disengagement area)Recorded 3 tracers from W to E (assessed as outside the disengagement area)Recorded 1 tracer in vertical flight (assessed as outside the disengagement area)Recorded 1 tracer from NE to SW (assessed as outside the disengagement area)	N/K	
	3-4km ESE	(assessed as outside the disengagement area)Recorded 3 tracers from W to E (assessed as outside the disengagement area)Recorded 1 tracer in vertical flight (assessed as outside the disengagement area)Recorded 1 tracer from NE to SW (assessed as outside the disengagement area)Recorded 1 tracer from NE to SW (assessed as outside the disengagement area)Recorded 21 tracers from NW to SE (assessed as outside the disengagement area)	N/K	
	3-4km ESE	(assessed as outside the disengagement area)Recorded 3 tracers from W to E (assessed as outside the disengagement area)Recorded 1 tracer in vertical flight (assessed as outside the disengagement area)Recorded 1 tracer from NE to SW (assessed as outside the 	N/K	15 July, 20:55

	1		1	
		disengagement area)	4	
		Recorded 9 tracers from NW to SE		
		(assessed as outside the		
	3-4km ESE	disengagement area)		15 July, 21:00
		Recorded 1 projectile from NW to SE		15 July, 21.00
		(assessed as outside the		
		disengagement area)		
		Recorded 1 tracer from NW to SE		
	3km ENE	(assessed as outside the		15 July, 21:01
		disengagement area)		
		Recorded 2 bursts (assessed as outside	IFV (BMP-2)	
	2.8km ENE	the disengagement area)	(possibly)	
		Recorded 1 undetermined explosion		
	2.3-3.3km	(assessed as outside the	N/K	15 July, 21:11
	ESE	disengagement area)		15 July, 21.11
		Recorded 2 bursts (assessed as outside	IFV (BMP-2)	
	2.5km ENE	the disengagement area)	(possibly)	15 July, 21:16
		Recorded 3 projectiles from S to N	(possibly)	
	5km ESE	(assessed as outside the		
	JKIII ESE	disengagement area)		15 July, 21:21
		Recorded 1 projectile from N to S	N/K	
	3-4km ESE	(assessed as outside the		
		(
		disengagement area)		
		Recorded 1 projectile from N to S		
	2.7km ESE	(assessed as outside the		
		disengagement area)		
Popasna		Heard approximately 150 explosions	Mortar (82mm)	
(government-		Heard approximately 20 explosions	Mortar (120mm)	16 July, 21:50-22:20
controlled, 69km W	5-10km SSE	Heard approximately 100 bursts (5-10	HMG	
of Luhansk)		rounds each)	IIMO	
		Heard approximately 200 shots	Small arms	
		Heard 13 explosions	Mortar (82mm)	
		Heard 6 bursts (5-10 rounds each)	HMG	10 July, 22:43-23:39
Kalynove ("LPR"-		· · · · · · · · · · · · · · · · · · ·		
controlled, 60km W	3-5km W	heard 1 undetermined explosion	N/K	17 July, 12:08
of Luhansk)	e chini ()	1		
Metalist (7km NW	2-2.5km ESE	Heard 10 bursts (5-20 shots each)	Small arms	17 July, 12:23-13:11
of Luhansk)		Heard 10 bursts (5-20 shots each)		
1km NE of	1			
Novozvanivka				
(government-	3km SE	Heard 1 shot	IFV (BMP-2)	17 July, 15:55
controlled, 70km W	JAIII DL		$\mathbf{H} \cdot (\mathbf{D}\mathbf{H} - 2)$	1, July, 15.55
of Luhansk)				
of Lulialisk)				



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.)