

Table of ceasefire violations as of 16 July 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	5km S	Recorded 1 undetermined explosion (assessed as outside disengagement area)	N/K	13 July, 21:42
	5km ENE	Recorded 1 undetermined explosion (assessed as outside disengagement area)		13 July, 22:27
	3-5km ENE	Recorded 3 projectiles from NW to SE (assessed as outside disengagement area)		14 July, 00:52
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard 4 shots	Small arms	14 July, 20:40
		Heard 3 undetermined explosions	N/K	14 July, 20:50
		Heard 20 bursts (3-5 shots per burst)	HMG	14 July, 20:55
		Heard 2 undetermined explosions	N/K	14 July, 20:57
	5-7km SE	Heard 20 bursts (3-5 shots per burst)	HMG	14 July, 21:00
	3-5km SE	Heard 5 shots	Small arms	14 July, 21:35
	5-7km SE	Heard 4 bursts (3-5 shots per burst)	HMG	14 July, 22:05
	3-5km SE	Heard 3 bursts (3-5 shots per burst)		14 July, 22:20
	5-7km SE	Heard 24 bursts (3-5 shots per burst)		14 July, 22:25-22:45
	3-5km SE	Heard 12 shots	Small arms	14 July, 22:50
	5-7km SE	Heard 4 bursts (3-5 shots per burst)	HMG	14 July, 23:00
		Heard 21 bursts (3-5 shots per burst)		14 July, 23:20-23:45
	5-7km SW	Heard 4 undetermined explosions	N/K	15 July, 13:40
SMM camera in Shyrokyne (20km E of Mariupol)	N/K N	Recorded 1 rocket-assisted projectile from S to N	N/K	14 July, 21:32
		Recorded 3 tracers from W to E		14 July, 21:33
		Recorded 1 rocket-assisted projectile from S to N		14 July, 21:36
		Recorded 6 tracers from W to E		14 July, 21:36
		Recorded 4 tracers from W to E		14 July, 21:43
		Recorded 1 undetermined explosion		14 July, 21:47
		Recorded 24 tracers from E to W		14 July, 21:58
		Recorded 1 rocket-assisted projectile from S to N		14 July, 22:04
		Recorded 1 rocket-assisted projectile from SE to NW		14 July, 22:19
		Recorded 1 rocket-assisted projectile from W to E		14 July, 22:25
		Recorded 2 rocket-assisted projectiles from W to E		14 July, 22:26
		Recorded 1 rocket-assisted projectile from W to E		14 July, 22:27
		Recorded 10 tracers from W to E		14 July, 22:41
		Recorded 1 rocket-assisted projectile from W to E		14 July, 22:45
		Recorded 1 rocket-assisted projectile from S to N		14 July, 22:46
		Recorded 1 tracer from E to W		
		Recorded 3 tracers from W to E		14 July, 23:50
		Recorded 1 tracer from W to E		14 July, 23:51
		Recorded 2 tracers from W to E		14 July, 23:55
		Recorded 1 tracer from W to E		14 July, 23:56

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.

		Recorded 1 rocket-assisted projectiles from W to E		14 July, 23:57
		Recorded 13 tracers from W to E		
		Recorded 1 rocket-assisted projectile from S to N		15 July, 00:00
		Recorded 2 tracers from W to E		15 July, 00:22
		Recorded 8 tracers from E to W		15 July, 02:10
		Recorded 2 tracers from W to E		15 July, 02:41
		Recorded 6 tracers from SW to NE		15 July, 03:32
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-5km ESE	Recorded 15 tracers from S to N	N/K	14 July, 21:55
"DPR"-controlled Donetsk city centre	8-10km NW	Heard 2 undetermined explosions	N/K	15 July, 00:00
		Heard 10 undetermined explosions		15 July, 04:15-04:38
		Heard 11 undetermined explosions		15 July, 04:59-05:20
		Heard 3 undetermined explosions		15 July, 06:10-06:15
		Heard 3 undetermined explosions		15 July, 06:30-06:33
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	4-8km W	Heard 7 undetermined explosions	N/K	15 July, 05:54
SW edge of Lebedynske (government-controlled, 16km NE of Mariupol)	2km NNE	Heard 1 explosion (impact)	N/K	15 July, 10:02
2.5km W of Novoselivka Druha (government-controlled, 23km N of Donetsk)	5km SSE	Heard 2 undetermined explosions	N/K	15 July, 11:06
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	5-7km W	Heard 2 undetermined explosions	N/K	15 July, 11:07
	2-3km WSW	Heard 3 shots	Small arms	15 July, 11:10
	5-7km WSW	Heard 1 undetermined explosion	N/K	15 July, 12:22
	1-3km W	Heard 11 undetermined explosions		15 July, 12:43-12:47
	2-3km W	Heard 5 shots	HMG	15 July, 13:25-13:34
	3-5km WNW	Heard 1 undetermined explosion	N/K	15 July, 13:35
	2-3km WSW	Heard 3 shots	Small arms	15 July, 13:37
		Heard 7 shots		15 July, 13:52
		Heard 7 shots		15 July, 14:05-14:22
		Heard 1 burst		
Heard 3 shots		15 July, 14:32		
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)	2-4km W	Heard 4 shots	Small arms	15 July, 11:10
Avdiivka (government-controlled, 17km N of Donetsk)	6-8km SE	Heard 1 undetermined explosion	N/K	15 July, 12:22
Trudivskiyi area in Petrovskiyi district ("DPR"-controlled, 15km SW of Donetsk city centre)	1-2km WSW	Heard 3 shots	Small arms	15 July, 13:50
		Heard 10 shots		15 July, 14:03-14:22
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	4km W	Heard 1 undetermined explosion	N/K	15 July, 14:41
Popasna (government-controlled, 69km W of Luhansk)	8-15km SE	Heard 2 undetermined explosions	N/K	14 July, 19:38
		Heard 2 undetermined explosions		14 July, 19:45
		Heard 1 undetermined explosion		14 July, 19:55
	10-15km NNE	Heard 1 undetermined explosion		14 July, 20:03

	12-15km SSW	Heard 2 undetermined explosions	Artillery (152mm)	14 July, 20:55
		Heard 2 undetermined explosions		14 July, 21:04
		Heard 1 undetermined explosion	Artillery (122mm)	14 July, 21:07
		Heard 1 undetermined explosion	Artillery (152mm)	
	5-7km ESE	Heard 2 bursts	Small arms	14 July, 22:24
	6-8km ESE	Heard 5 shots	IFV (BMP-2) cannon (30mm)	14 July, 22:27
	5-7km SW	Heard 1 burst	HMG	14 July, 22:39
	10-15km ENE	Heard 22 undetermined explosions	N/K	14 July, 22:42-22:44
	5-7km S	Heard 3 shots	IFV (BMP-2) cannon	14 July, 23:10
	5-10km S	Heard 41 undetermined explosions	N/K	14 July, 23:11-23:16
	5-7km NE	Heard 13 shots	Small arms	14 July, 23:32-23:36
		Heard 3 bursts		
		Heard 3 bursts	Automatic grenade launcher (type N/K)	
	3-5km NE	Heard 2 undetermined explosions	N/K	14 July, 23:38-23:58
	5-10km SSE	Heard 72 bursts	Anti-aircraft gun (type N/K)	
		Heard 32 undetermined explosions	N/K	
		Heard 2 bursts	HMG	
	5-7km SW	Heard 1 burst		14 July, 23:45
	3-5km ENE	Heard 16 undetermined explosions	N/K	15 July, 00:00-00:02
		Heard 5 bursts	Automatic grenade launcher (type N/K)	
Heard 3 bursts		HMG		
Heard 1 burst		Small arms		
5-7km SSE	Heard 1 undetermined explosion	N/K	15 July, 00:05-00:10	
	Heard 5 bursts	Automatic grenade launcher (type N/K)		
	Heard 3 bursts	HMG		
	Heard 4 bursts	Small arms		
5-10km S	Heard 10 undetermined explosions	N/K	15 July, 00:15-00:20	
	Heard 4 bursts	Automatic grenade launcher (type N/K)		
3-5km SE	Heard 3 bursts	HMG	15 July, 04:39-04:42	
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	4.9km E	Recorded 1 burst (assessed as outside disengagement area)	HMG	14 July, 21:16
	3-5km E	Recorded 5 tracers from NW to SE (assessed as outside disengagement area)	N/K	14 July, 21:25
		Recorded 6 tracers from NW to SE (assessed as outside disengagement area)		14 July, 21:30
		Recorded 4 tracers from NW to SE (assessed as outside disengagement area)		14 July, 22:12
		Recorded 11 tracers from NW to SE (assessed as outside disengagement area)		14 July, 22:23
	3-4km E	Recorded 1 illumination flare in descending vertical flight (assessed as outside disengagement area)		14 July, 22:29
	8-10km SSW	Recorded 1 projectile from SE to NW (assessed as outside disengagement area)		14 July, 23:44
	3-5km ENE	Recorded 1 projectile from N to S (assessed as outside disengagement area)		15 July, 02:27
	4-5km SSE	Recorded 1 projectile from SE to NW (assessed as outside disengagement area)		15 July, 02:41
Kadiivka (formerly)	10km WSW	Heard 69 undetermined explosions		N/K

Stakhanov, "LPR"-controlled, 50km W of Luhansk)	10km WSW	Heard 14 undetermined explosions		15 July, 05:55	
1km NE of Novozvanivka (government-controlled, 70km W of Luhansk)	4-5km ENE	Heard 5-6 bursts	HMG	15 July, 09:10	
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km SE	Recorded 1 undetermined explosion	N/K	15 July, 19:33	
		Recorded 1 undetermined explosion		15 July, 19:59	
	4-5km ESE	Recorded 12 impact explosions		15 July, 20:09-20:19	
		Recorded 1 projectile from W to E			
		Recorded 1 projectile from N to S			
		Recorded 3 explosions (impacts)			
	3-5km ENE	Recorded 4 projectiles from SW to NE		15 July, 20:29-20:31	
	3-5km ESE	Recorded 1 projectile from E to W		15 July, 21:20	
		Recorded 1 projectile from E to W		15 July, 21:22	
		Recorded 1 explosion (impact)		15 July, 21:33	
		Recorded 4 tracers from S to N		15 July, 21:44	
	3-6km E	Recorded 4 tracers from S to N		15 July, 21:45-21:46	
		Recorded 4 tracers from S to N		15 July, 22:13	
	3-6km E	Recorded 10 tracers in vertical flight		Anti-aircraft cannon (type N/K)	15 July, 22:57
	4-6km ESE	Recorded 18 tracers from S to N		N/K	16 July, 00:40
		Recorded 16 tracers from S to N			16 July, 00:48-00:49
		Recorded 1 tracer from SW to NE			16 July, 02:27
		Recorded 4 tracers from NW to SE			16 July, 02:28
		Recorded 3 tracers from NW to SE			16 July, 02:32
		Recorded 4 tracers from NW to SE			16 July, 02:34
	3-4km ESE	Recorded 3 tracers from W to E		16 July, 09:19	
Recorded 1 undetermined explosion					
Recorded 1 undetermined explosion					
Recorded 2 undetermined explosions					
Recorded 1 undetermined explosion					
"DPR"-controlled Donetsk city centre	6-12km WSW	Recorded 1 undetermined explosion	N/K	16 July, 09:28	
		Recorded 2 undetermined explosions		16 July, 09:29	
		Recorded 1 undetermined explosion		16 July, 13:54	
		Recorded 1 undetermined explosion		16 July, 16:19	
		Heard 69 undetermined explosions		15 July, 20:50-21:40	
		Heard 15 undetermined explosions		15 July, 21:55-22:05	
		Heard 13 undetermined explosions		15 July, 22:30-22:40	
		Heard 8 undetermined explosions		15 July, 23:30-23:40	
		Heard 7 undetermined explosions		15 July, 23:50-23:59	
		Heard 5 undetermined explosions		16 July, 00:10-00:14	
		Heard 8 undetermined explosions		16 July, 00:45-00:54	
		Heard 1 undetermined explosion		16 July, 02:03	
		Heard 1 undetermined explosion		16 July, 04:55	
		Heard 2 undetermined explosions		16 July, 05:08	
Heard 7 undetermined explosions	16 July, 05:19-05:28				
Heard 21 undetermined explosions	16 July, 05:43-06:04				
SMM camera in Shyrokyne (20km E of Mariupol)	N/K N	Recorded 3 tracers from SE to NW	N/K	15 July, 21:16	
		Recorded 1 tracer in vertical flight		15 July, 21:18	
		Recorded 1 tracer from W to E		15 July, 21:19	
		Recorded 1 rocket-assisted projectile from E to W		15 July, 21:21	
		Recorded 1 rocket-assisted projectile from E to W		15 July, 21:30	
		Recorded 2 tracers from W to E		15 July, 21:39-21:40	
		Recorded 6 tracers from E to W			
		Recorded 2 tracers from W to E		15 July, 21:42	
		Recorded 2 tracers from W to E		15 July, 21:51	
		Recorded 5 tracers from E to W			
		Recorded 1 rocket-assisted projectile from W to E		15 July, 21:52	
		Recorded 1 tracer from W to E		15 July, 21:54	

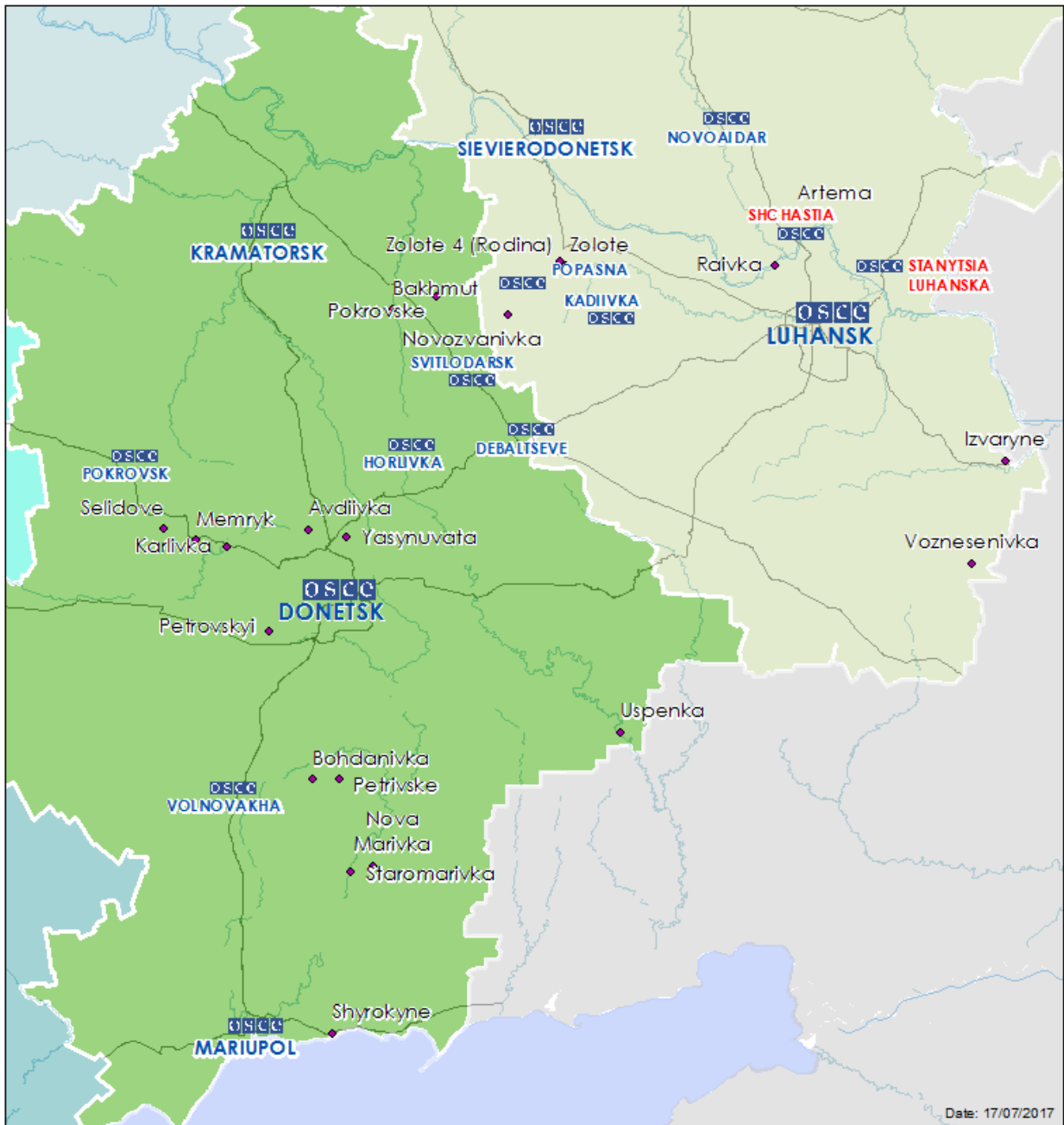
	Recorded 8 tracers from E to W		
	Recorded 1 rocket-assisted projectile from W to E		15 July, 21:57-21:58
	Recorded 17 tracers from E to W		
	Recorded 15 tracers from W to E		15 July, 21:59-22:00
	Recorded 8 tracers from E to W		
	Recorded 35 tracers from W to E		15 July, 22:01-22:03
	Recorded 8 tracers from E to W		
	Recorded 2 undetermined explosions		
	Recorded 1 rocket-assisted projectile from W to E and 1 subsequent explosion (impact)		15 July, 22:04-22:08
	Recorded 11 tracers from W to E		
	Recorded 2 tracers from E to W		
	Recorded 1 undetermined explosion		
	Recorded 14 tracers from W to E		15 July, 22:11-22:12
	Recorded 3 tracers from E to W		
	Recorded 1 tracer from W to E		15 July, 22:14
	Recorded 1 tracer from E to W		15 July, 22:16
	Recorded 1 undetermined explosion		15 July, 22:17
	Recorded 1 rocket-assisted projectile from E to W		15 July, 22:18
	Recorded 1 tracer from E to W		
	Recorded 1 rocket-assisted projectile from W to E		15 July, 22:19-22:20
	Recorded 10 tracers from W to E		
	Recorded 4 tracers from E to W		
	Recorded 8 tracers from W to E		15 July, 22:22
	Recorded 4 tracers from E to W		
	Recorded 18 tracers from W to E		15 July, 22:24
	Recorded 4 tracers from E to W		
	Recorded 1 tracer from W to E		15 July, 22:25
	Recorded 3 tracers from E to W		
	Recorded 18 tracers from W to E		15 July, 22:29-22:31
	Recorded 19 tracers from E to W		
	Recorded 1 rocket-assisted projectile from E to W		15 July, 22:32
	Recorded 1 rocket-assisted projectile from W to E		15 July, 22:36
	Recorded 15 tracers from W to E		
	Recorded 1 rocket-assisted projectile from W to E		15 July, 22:38-22:40
	Recorded 28 tracers from E to W		
	Recorded 10 tracers from W to E		15 July, 22:42-22:43
	Recorded 2 tracers from W to E		15 July, 22:45
	Recorded 8 tracers from E to W		
	Recorded 1 rocket-assisted projectile from W to E		15 July, 22:54
	Recorded 1 undetermined explosion		15 July, 22:55
	Recorded 1 tracer from E to W		15 July, 22:59
	Recorded 1 undetermined explosion		15 July, 23:01
	Recorded 1 illumination flare in vertical flight		15 July, 23:14
	Recorded 15 tracers from W to E		
	Recorded 3 tracers from E to W		15 July, 23:15
	Recorded 14 tracers from W to E		
	Recorded 8 tracers from E to W		15 July, 23:17-23:20
	Recorded 4 undetermined explosions		
	Recorded 1 rocket-assisted projectile from W to E		15 July, 23:22
	Recorded 4 tracers from W to E		15 July, 23:28
	Recorded 1 rocket-assisted projectile		15 July, 23:45

		from E to W		
		Recorded 1 tracer from W to E		15 July, 23:52
		Recorded 27 tracers from E to W		
		Recorded 2 tracers from W to E		16 July, 00:06
		Recorded 7 tracers from W to E		16 July, 00:10
		Recorded 21 tracers from E to W		16 July, 00:15
		Recorded 7 tracers from W to E		16 July, 00:24
		Recorded 5 tracers from W to E		16 July, 00:33
		Recorded 1 undetermined explosion		16 July, 00:35
		Recorded 27 tracers from E to W		16 July, 00:44
		Recorded 1 undetermined explosion		16 July, 00:47
		Recorded 3 tracers from W to E		16 July, 00:56
		Recorded 2 tracers from E to W		
		Recorded 7 tracers from W to E		16 July, 00:58
		Recorded 51 tracers from E to W		16 July, 01:10
		Recorded 2 tracers from W to E		16 July, 01:15
		Recorded 5 tracers from E to W		16 July, 01:46
		Recorded 1 tracer in vertical flight		16 July, 01:52
		Recorded 1 tracer from E to W		16 July, 01:58-02:00
		Recorded 19 tracers from E to W		16 July, 02:12
		Recorded 9 tracers from E to W		16 July, 02:24
		Recorded 1 rocket-assisted projectile from E to W		16 July, 02:27
		Recorded 9 tracers from E to W		16 July, 02:29
		Recorded 5 tracers from W to E		16 July, 02:34
		Recorded 11 tracers from E to W		16 July, 02:37
		Recorded 5 tracers from E to W		16 July, 02:39
		Recorded 25 tracers in vertical flight		16 July, 02:43
		Recorded 4 tracers from E to W		16 July, 02:44
		Recorded 1 rocket-assisted projectile from E to W		16 July, 02:59
		Recorded 5 tracers from E to W		16 July, 03:17
		Recorded 1 rocket-assisted projectile from E to W		16 July, 03:38
		Recorded 1 rocket-assisted projectile from E to W		16 July, 03:39
		Recorded 1 rocket-assisted projectile from E to W		16 July, 03:21
		Recorded 1 rocket-assisted projectile from E to W		16 July, 03:28
		Recorded 1 rocket assisted projectile from W to E		16 July, 03:31
		Recorded 1 undetermined explosion		16 July, 03:41
		Recorded 1 rocket-assisted projectile from E to W		16 July, 03:56
Svitlodarsk (government-controlled, 57km NE of Donetsk)	12-15km SE	Heard 3 undetermined explosions	N/K	15 July, 21:34
	10-12km SE	Heard 1 undetermined explosion		15 July, 21:45
	5-7km SE	Heard 7 shots	HMG	
	10-12km SE	Heard 2 undetermined explosions	N/K	15 July, 22:02
	3-5km SE	Heard 5 bursts (2 shots each)	HMG	15 July, 22:04
		Heard 3 bursts (3 shots each)	Small arms	
	10-12km SE	Heard 1 undetermined explosion	N/K	15 July, 22:05
	3-5km SE	Heard 4 shots	HMG	15 July, 22:17
		Heard 3 shots		15 July, 22:30
		Heard 4 bursts (2 shots each)		15 July, 22:40
Heard 17 shots		15 July, 22:41		
Heard 4 bursts (3 shots each)		15 July, 22:42		
	Heard 4 bursts (2 shots each)	Small arms	15 July, 22:50	

		Heard 2 bursts (2 shots each)	HMG	15 July, 22:57	
		Heard 18 shots		15 July, 23:00	
		Heard 8 shots		15 July, 23:01	
		Heard 2 bursts (2 shots each)		15 July, 23:09	
		Heard 2 bursts (2 shots each)		Small arms	15 July, 23:15
		Heard 19 shots		15 July, 23:17	
	5-7km SE	Heard 2 bursts (2 shots each)	HMG	15 July, 23:18	
	3-5km SE	Heard 5 shots			
		Heard 9 shots			
		Heard 2 bursts (2 shots each)	Small arms	15 July, 23:24	
	8-10km SE	Heard 1 undetermined explosion	N/K	15 July, 23:34	
		Heard 10 undetermined explosions		15 July, 23:35	
		Heard 8 undetermined explosions			
	3-5km SE	Heard 3 bursts (2 shots each)	HMG	15 July, 23:36	
	10-12km SE	Heard 6 undetermined explosions	N/K	15 July, 23:37	
		Heard 9 undetermined explosions			
	5-7km SE	Heard 2 undetermined explosions			
	3-5km SE	Heard 5 bursts (3 shots each)	HMG	15 July, 23:38	
		Heard 3 bursts (3 shots each)	Small arms		
	5-7km SE	Heard 1 undetermined explosion	NK		
	3-5km SE	Heard 5 bursts (3 shots each)	HMG	15 July, 23:39	
	8-10km SE	Heard 7 undetermined explosions	NK	15 July, 23:40	
	3-5km SE	Heard 7 bursts (3 shots each)	HMG	15 July, 23:41	
	8-10km SE	Heard 3 undetermined explosions	N/K	15 July, 23:42	
	10-12km SE	Heard 2 undetermined explosions			
	5-7km SE	Heard 2 undetermined explosions			
	8-10km SE	Heard 3 undetermined explosions			
	3-5km SE	Heard 2 bursts (3 shots each)	HMG	15 July, 23:44	
	8-10km SE	Heard 5 undetermined explosions	NK	15 July, 23:45	
	3-5km SE	Heard 1 bursts (9 shots each)	HMG	15 July, 23:46	
	8-10km SE	Heard 2 undetermined explosions	N/K	15 July, 23:47	
	3-5km SE	Heard 8 bursts (3 shots each)	HMG		
	5-7km SE	Heard 5 undetermined explosions	N/K	15 July, 23:48	
3-5km SE	Heard 3 bursts (3 shots each)	HMG	15 July, 23:49 - 16 July, 00:10		
	Heard 31 bursts (3-5 shots each)				
5-8km SE	Heard 37 undetermined explosions	N/K	16 July, 00:11-00:30		
	Heard 46 undetermined explosions				
10-12km SE	Heard 12 undetermined explosions				
3-5km SE	Heard 10 bursts (2-5 shots each)	HMG			
5-7km SE	Heard 4 undetermined explosions	N/K	16 July, 06:00-06:04		
	Heard 2 bursts	HMG			
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	4km W	Heard 25 explosions (impacts)	Mortar (120mm)	15 July, 23:23-00:00	
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	4-10km WNW to NNW	Heard 36 undetermined explosions	N/K	15 July, 23:40-23:52	
		Heard uncountable overlapping bursts and shots	Small arms	15 July, 23:47-23:53	
		Heard 43 undetermined explosions	N/K	15 July, 23:53-00:08	
		Heard 23 bursts	Small arms		
		Heard 24 undetermined explosions	N/K	16 July, 00:09-00:17	
		Heard uncountable overlapping bursts and shots	Small arms		
	4-10km NW	Heard 13 undetermined explosions	N/K	16 July, 00:18-00:22	
	3-6km NW	Heard uncountable overlapping bursts and shots	Small arms		
	4-10km NW	Heard 12 undetermined explosions	N/K	16 July, 00:24-00:32	
	3-6km NW	Heard 20 bursts	Small arms		
	4-10km NW	Heard 5 undetermined explosions	N/K	16 July, 00:36-00:40	
		Heard 7 undetermined explosions		16 July, 00:48-00:52	
		Heard 2 undetermined explosions		16 July, 00:56	
3-6km NW	Heard uncountable overlapping bursts and shots	Small arms	16 July, 01:12		

		Heard uncountable overlapping bursts and shots		16 July, 01:15-01:16
		Heard 10 bursts		16 July, 01:22-01:24
Hnutove (government-controlled, 20km NE of Mariupol)	3-4km SSE	Heard 8 bursts	Small arms	16 July, 09:08
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)	2-3km NW	Heard 2 shots	Small arms	16 July, 09:58-10:00
		Heard 2 bursts		16 July, 11:20
		Heard 1 undetermined explosion	N/K	16 July, 11:27
		Heard 39 shots	HMG	16 July, 11:35-11:44
		Heard 4 bursts		
		Heard 11 shots	Small arms	16 July, 11:55
Heard 2 undetermined explosions	N/K	16 July, 12:00		
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-4km W	Heard 5 undetermined explosions	N/K	16 July, 10:16
	3-5km NW	Heard 1 undetermined explosion		16 July, 10:22
	3-5km W	Heard 1 undetermined explosion		16 July, 11:01
	3-5km NW	Heard 1 undetermined explosion		16 July, 14:50
Sievierodonetsk (government-controlled, 74km NW of Luhansk)	3-5km E	Heard 2 salvos (10 rockets each) (outgoing)	MLRS (BM-21 <i>Grad</i> , 122mm)	15 July, 22:20
	N/K SE	Saw reflections of light in clouds, assessed as impacts	MLRS (possibly)	15 July, 22:21
Popasna (government-controlled, 69km W of Luhansk)	6-7km NE	Heard 29 undetermined explosions	Artillery and mortars (type N/K)	15 July, 22:38-23:02
	8-10km SSW	Heard 3 undetermined explosions	Mortar (type N/K)	15 July, 22:57-23:01
		Heard 80-100 undetermined overlapping explosions	Artillery and mortars (type N/K)	15 July, 23:51-16 July, 00:31
	5-8km SSW	Heard 50 bursts	HMG	16 July, 01:14-01:46
		Heard 15-20 bursts		16 July, 02:25-02:43
	8-10km SSW	Heard 21 undetermined explosions	N/K	16 July, 04:11-04:59
Heard 67 bursts		HMG		
6-7km SSW	Heard 15 undetermined explosions	N/K	16 July, 05:10-05:59	
3km N of Pervomaisk ("LPR"-controlled, 58km W of Luhansk)	8-10km WSW	Heard 1 undetermined explosion (assessed as outside disengagement area)	N/K	16 July, 13:52

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.)