

Table of ceasefire violations as of 28 May 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time	
“DPR”-controlled Donetsk city centre	6-10km NNW	Heard 2 undetermined explosions	N/K	27 May, 01:41	
		Heard 3 undetermined explosions		27 May, 02:16	
		Heard 14 undetermined explosions		27 May, 04:25-04:34	
	5-7km N	Heard 1 undetermined explosion	N/K	27 May, 19:27	
		Heard 1 undetermined explosion		27 May, 20:32	
	5-7km N	Heard 2 undetermined explosions	N/K	27 May, 20:46	
		Heard 1 undetermined explosion		27 May, 20:53	
		Heard 1 undetermined explosion		27 May, 20:59	
		Heard 1 undetermined explosion		27 May, 21:08	
		Heard 1 undetermined explosion		27 May, 22:00	
	SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Recorded 1 explosion (impact)	N/K	26 May, 18:54
			Recorded 1 explosion (impact)		26 May, 18:56
Recorded 4 explosions (impacts)			26 May, 19:40-20:07		
Recorded 4 explosions (impact)			26 May, 20:14-20:24		
Recorded 1 illumination flare in vertical flight			26 May, 20:58		
Recorded at least 5 projectiles S to N			26 May, 21:02		
Recorded at least 30 projectiles N to S			26 May, 21:05-21:19		
Recorded 6 projectiles S to N			26 May, 21:52		
Recorded 1 undetermined explosion			26 May, 21:58		
Recorded 1 undetermined explosion			26 May, 22:25		
Recorded 5 projectiles N to S					
Recorded 1 explosion (impact)			27 May, 00:17		
Recorded 2 projectiles S to N					
Recorded 8 explosions (impacts)			27 May, 04:31-04:45		
Recorded 21 explosions (impacts)			27 May, 05:04-05:18		
4-5km ESE		Recorded 1 undetermined explosion	27 May, 08:13		
		Recorded 1 undetermined explosion	27 May, 08:13		
		Recorded 1 undetermined explosion	27 May, 10:51		
		Recorded 1 undetermined explosion	27 May, 13:05		
		Recorded 1 undetermined explosion	27 May, 13:08		
		Recorded 1 undetermined explosion	27 May, 14:51		
		Recorded 1 airburst	27 May, 17:37		
4-5km ESE		Recorded 1 airburst	N/K		27 May, 19:06
		Recorded 1 undetermined explosion			27 May, 19:21
3-5km ESE		Recorded 1 explosion (impact)			27 May, 19:54
		Recorded 1 explosion (impact)			27 May, 19:55
		Recorded 1 explosion (impact)			27 May, 19:56
		Recorded 1 explosion (impact)			27 May, 19:57
		Recorded 1 explosion (impact)			27 May, 19:58
		Recorded 1 explosion (impact)			27 May, 19:59
		Recorded 1 explosion (impact)			27 May, 20:01
		Recorded 1 explosion (impact)			27 May, 20:02
		Recorded 1 explosion (impact)			27 May, 20:04
		Recorded 2 explosions (impacts)			27 May, 20:07
		Recorded 1 explosion (impact)			27 May, 20:24
		Recorded 1 undetermined explosion			27 May, 20:43
		Recorded 2 projectiles from N to S			27 May, 21:00
		Recorded 3 undetermined explosions			
		Recorded 7 projectiles from E to W			27 May, 21:01

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 undetermined explosion		27 May, 21:02		
		Recorded 12 projectiles from N to S		27 May, 21:03		
		Recorded 3 projectiles from E to W		27 May, 21:05		
		Recorded 3 projectiles from S to N		27 May, 21:15		
		Recorded 2 undetermined explosions		27 May, 21:17		
		Recorded 3 projectiles from N to S		27 May, 21:28		
		Recorded 2 projectiles from N to S		27 May, 21:29		
		Recorded 1 projectile from S to N		27 May, 21:29		
		Recorded 1 undetermined explosion		27 May, 21:29		
		Recorded 4 projectiles from N to S		27 May, 22:05		
		Recorded 1 projectile from S to N		27 May, 22:40		
		Recorded 1 projectile from S to N		27 May, 22:41		
		Recorded 4 projectiles from S to N		27 May, 22:50		
		Recorded 1 undetermined explosion		27 May, 23:03		
		Recorded 2 projectiles from S to N		27 May, 23:03		
		Recorded 2 projectiles from S to N		27 May, 23:04		
		Recorded 1 projectile from S to N		27 May, 23:08		
		Recorded 1 projectile from W to E		27 May, 23:09		
		Recorded 1 projectile from S to N		27 May, 23:15		
		Recorded 2 projectiles from N to S		27 May, 23:15		
		Recorded 8 projectiles from W to E		27 May, 23:51		
		Recorded 1 projectile from W to E		28 May, 00:01		
		Recorded 2 projectiles from W to E		28 May, 00:13		
		Recorded 6 projectiles from W to E		28 May, 00:23		
		Recorded 3 projectiles from W to E		28 May, 00:32		
		Recorded 15 projectiles from W to E		28 May, 00:33		
		Recorded 5 projectiles from W to E		28 May, 00:34		
		Recorded 11 projectiles from W to E		28 May, 00:59		
		Recorded 13 projectiles from W to E		28 May, 01:00		
		Recorded 3 projectiles from W to E		28 May, 01:02		
		4-6km ESE		N/K	Recorded 6 explosions (impacts)	28 May, 07:36-07:40
					Recorded 9 explosions (impacts)	28 May, 07:47-07:59
					Recorded 2 explosions (impacts)	28 May, 08:01-08:02
Recorded 1 explosion (impact)	28 May, 13:43					
Recorded 1 explosion (impact)	28 May, 13:48					
Recorded 3 explosions (impacts)	28 May, 15:16-15:20					
Recorded 2 explosions (impacts)	28 May, 17:35					
Recorded 2 explosions (impacts)	28 May, 18:06					
SMM camera at Oktiabr mine (9km NW of Donetsk city centre)	5-7km NE	N/K	Recorded at least 17 projectiles from E to W	26 May, 20:32-20:57		
			Recorded at least 15 projectiles from W to E	26 May, 20:39-20:40		
			Recorded 1 airburst	26 May, 20:44		
			Recorded 1 explosion (impact)	26 May, 20:58		
			Recorded at least 8 projectiles from E to W	26 May, 21:05-21:29		
			Recorded 15 projectiles from W to E	26 May, 21:05-21:25		
			Recorded at least 30 projectiles from W to E	26 May, 21:37-21:55		
			Recorded at least 16 projectiles from E to W	26 May, 21:38-21:52		
			Recorded 8 undetermined explosions	26 May, 21:42-21:53		
			Recorded 1 explosion (impact)	26 May, 21:50		
			Recorded at least 45 projectiles from W to E	26 May, 22:06-22:16		
			Recorded at least 82 projectiles from W to E	26 May, 22:53-23:14		
			Recorded 1 undetermined explosion	26 May, 22:59		
			Recorded 2 projectile from E to W	26 May, 23:01		
			Recorded 3 projectiles W to E	26 May, 23:29		
			Recorded 5 projectiles W to E	27 May, 00:19		
Recorded 30 tracers from W to E	27 May, 01:35					

		Recorded 1 airburst		27 May, 01:35
		Recorded 2 projectiles from E to W		27 May, 01:47
		Recorded 12 tracers from E to W		27 May, 01:47
		Recorded 6 tracers from W to E		27 May, 02:29
		Recorded 8 tracers from W to E		27 May, 02:45
		Recorded 8 tracers from E to W		27 May, 02:45
		Recorded 5 projectiles from W to E		27 May, 02:57
	10-11km NE	Recorded 1 undetermined explosion		27 May, 12:58
	4-6km NNE	Recorded 1 explosion (impact)	N/K	27 May, 19:40
		Recorded 1 projectile from N to S		27 May, 20:34
		Recorded 1 undetermined explosion		27 May, 20:38
		Recorded 1 projectile from W to E		27 May, 20:47
		Recorded 3 undetermined explosions		27 May, 20:50
		Recorded 2 projectiles from E to W		27 May, 20:52
		Recorded 1 projectile from W to E		27 May, 20:53
		Recorded 1 undetermined explosion		27 May, 20:54
		Recorded 5 projectiles from W to E		27 May, 20:55
		Recorded 2 projectiles from E to W		27 May, 20:56
		Recorded 2 projectiles from W to E		27 May, 21:00
		Recorded 1 projectile from N to S		27 May, 21:01
		Recorded 1 projectile from E to W		27 May, 21:02
		Recorded 11 projectiles from N to S		27 May, 21:03
		Recorded 2 projectiles from N to S		27 May, 21:05
		Recorded 3 projectiles from N to S		27 May, 21:06
		Recorded 2 projectiles from S to N		27 May, 21:07
		Recorded 13 projectiles from N to S		27 May, 21:08
		Recorded 1 projectile from N to S		27 May, 21:09
		Recorded 4 projectile from W to E		27 May, 21:10
		Recorded 13 projectiles from N to S		27 May, 21:12
		Recorded 2 projectile from W to E		27 May, 21:13
		Recorded 5 projectiles from N to S		27 May, 21:15
		Recorded 7 projectiles from N to S		27 May, 21:18
		Recorded 1 projectile from W to E		27 May, 21:19
		Recorded 4 projectiles from N to S		27 May, 21:20
		Recorded 4 projectiles from N to S		27 May, 21:21
		Recorded 1 projectile from N to S		27 May, 21:22
		Recorded 8 projectiles from S to N		27 May, 21:57
		Recorded 24 projectiles from N to S		27 May, 21:59
		Recorded 3 projectiles from N to S		27 May, 22:00
		Recorded 6 projectiles from S to N		27 May, 22:02
		Recorded 19 projectiles from N to S		27 May, 22:18
		Recorded 17 projectiles from N to S		27 May, 22:23
		Recorded 8 projectiles from N to S		27 May, 22:25
		Recorded 1 projectile from W to E		27 May, 22:30
		Recorded 2 projectiles from E to W		27 May, 23:09
		Recorded 1 projectile from E to W		27 May, 23:19
		Recorded 1 projectile from N to S		27 May, 23:20
		Recorded 22 projectiles from N to S		27 May, 23:44
	Recorded 1 projectile from W to E	27 May, 23:48		
	Recorded 1 projectile from E to W	27 May, 23:49		
	Recorded 1 projectile from N to S	28 May, 00:11		
	Recorded 1 projectile from N to S	28 May, 00:12		
	Recorded 7 projectiles from S to N	28 May, 00:22		
	Recorded 3 projectiles from N to S			
	Recorded 3 projectiles from N to S			

		Recorded 5 projectiles from N to S		28 May, 00:23	
		Recorded 10 projectiles from N to S		28 May, 00:31	
		Recorded 9 projectiles from N to S		28 May, 01:00	
	6-8km NW	Recorded 1 explosion (impact)	N/K	28 May, 08:04	
Makiivka (“DPR”-controlled, 12km NE of Donetsk)	2-5km WNW	Heard 25 undetermined explosions	N/K	27 May, 12:52-13:05	
Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	N/K NW	Heard 16 undetermined explosions	N/K	27 May, 23:30-00:00	
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	5-7km SW	Heard 1 undetermined explosion	N/K	27 May, 10:50	
	2-3km WSW	Heard 2 undetermined explosions		27 May, 12:46	
	1-2km SW	Heard uncountable overlapping bursts	Small arms		
	3-4km WSW	Heard 9 undetermined explosions	N/K	27 May, 12:51	
	2-4km WSW	Heard 6 undetermined explosions		27 May, 12:52-12:53	
	2-3km WSW	Heard 2 undetermined explosions		27 May, 12:55	
	2-4km WSW	Heard 5 undetermined explosions	Small arms	27 May, 13:01	
				Heard 7 shots	27 May, 15:12-15:14
				Heard 3 shots	27 May, 15:19
	1-2km W	Heard 1 burst	Small arms	28 May, 09:52	
	2-3km W	Heard 10 shots		28 May, 09:55-10:18	
	3-5km W	Heard 1 undetermined explosion	N/K	28 May, 11:17	
	7-10km WSW	Heard 1 undetermined explosion		28 May, 11:46	
	3-5km WNW	Heard 1 undetermined explosion		28 May, 12:00	
	2-3km WSW	Heard 6 shots	Small arms	28 May, 12:01	
	3-5km WSW	Heard 10 shots		28 May, 12:10	
		Heard at least 22 shots		28 May, 12:12	
	5-7km WSW	Heard 16 shots	HMG	28 May, 12:16	
		Heard 10 bursts		28 May, 12:37-13:07	
	3-5km WSW	Heard 20 shots	N/K	28 May, 12:37-13:07	
	3-5km W	Heard 2 undetermined explosions	Small arms	28 May, 13:20	
		Heard 20 bursts		28 May, 13:25-13:35	
	3-5km NNW	Heard 2 shots	N/K	28 May, 13:40	
	3-5km NNE	Heard 4 undetermined explosions		28 May, 13:47-14:07	
	3-5km W	Heard 4 undetermined explosions		28 May, 14:23	
	3-5km SW	Heard 1 undetermined explosion		28 May, 14:26	
	3-5km NW	Heard 1 undetermined explosion		28 May, 14:32	
	3-5km W	Heard 1 undetermined explosion		28 May, 14:33	
	2-4km W	Heard 1 undetermined explosion		28 May, 14:42-15:10	
	3-5km W	Heard 16 undetermined explosions		Small arms	28 May, 14:45-14:46
	2-3km W	Heard uncountable overlapping bursts and shots			28 May, 14:50-14:52
		Heard uncountable overlapping bursts and shots			28 May, 14:53-14:56
		Heard uncountable overlapping bursts and shots	28 May, 15:05-15:08		
Heard uncountable overlapping bursts and shots		HMG	28 May, 15:05-15:08		
3-4km N	Heard uncountable overlapping bursts and shots	Small arms	28 May, 15:08-15:09		
2-4km W	Heard 2 undetermined explosions	N/K	28 May, 15:10		
	Heard 20 bursts	Small arms	28 May, 15:10		
	Heard 3 undetermined explosions	N/K	28 May, 15:11		
	Heard uncountable overlapping bursts and shots	Small arms	28 May, 15:11-15:12		
	Heard 13 undetermined explosions	N/K	28 May, 15:13		
	Heard 20 shots	Small arms	28 May, 15:20		
	Heard 1 undetermined explosion	N/K	28 May, 15:25		
	Heard 10 bursts	Small arms	28 May, 15:25		
	Heard 4 undetermined explosions	N/K	28 May, 15:26-15:49		
		Heard 6 shots	Small arms	28 May, 15:38	

Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	3-5km W	Heard 1 undetermined explosion	N/K	27 May, 14:17							
	3-5km W	Heard 5 undetermined explosions		27 May, 14:47-14:55							
	2-3km NNE	Heard 20 bursts (2-3 shots each)	Small arms	27 May, 14:47-14:55							
	3-5km NW	Heard 12 bursts	HMG	27 May, 15:06							
	3-5km N	Heard 69 bursts		27 May, 15:13-15:32							
	3-5km N	Heard 21 shots	Small arms	27 May, 15:13-15:32							
	3km NNW	Heard 58 shots	Small arms	27 May, 15:42-15:52							
	3km NNW	Heard 27 shots	HMG	27 May, 15:44-15:54							
	3km W	Heard 19 shots	Small arms	27 May, 15:39-15:58							
	4-5km W	Heard 1 undetermined explosion	N/K	27 May, 15:56							
	2km N	Heard 13 bursts	Small arms	27 May, 16:07							
	1.5km WNW	Heard 5 shots		27 May, 16:10							
	1.5km WNW	Heard 2 bursts		27 May, 16:12							
	2km N	Heard 7 bursts	Small arms	27 May, 16:14							
	5-6km NNE	Heard 20 undetermined explosions	N/K	28 May, 15:11-15:19							
	2-4km N	Heard uncountable overlapping bursts and shots	Small arms	28 May, 15:19-15:20							
	3-5km N	Heard 4 bursts	Small arms	28 May, 15:21							
	2-4km N	Heard uncountable overlapping bursts	HMG	28 May, 15:23-15:25							
	2-4km N	Heard 1 undetermined explosion	N/K	28 May, 15:23							
	2-3km N	Heard 1 undetermined explosion	Mortar (type N/K)	28 May, 15:26							
	2-4km N	Heard 18 shots	Small arms	28 May, 15:32-15:33							
	2-4km N	Heard 3 undetermined explosions	Mortar (type N/K)	28 May, 15:33-15:45							
	2-4km N	Heard 5 shots	Small arms	28 May, 15:34							
	2-4km WNW	Heard 8 shots		28 May, 16:01							
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)	1-2km W	Heard 3 shots	Small arms	28 May, 11:19-11:43							
	1-2km SE	Heard 1 shot		28 May, 12:10							
SMM camera at Shyrokyne (20km E of Mariupol)	N/K NNE	Recorded 1 undetermined explosion	N/K	26 May, 20:55							
		Recorded 2 undetermined explosions		26 May, 20:57							
		Recorded 5 tracers from W to E		26 May, 20:58							
		Recorded 2 undetermined explosions		26 May, 21:05							
		Recorded 1 undetermined explosion		26 May, 21:07							
		Recorded 32 tracers from W to E		26 May, 21:17							
		Recorded 1 undetermined explosion		26 May, 21:20							
		Recorded 40 tracers from W to E		26 May, 21:22							
		Recorded 28 tracers from W to E		26 May, 21:25							
		Recorded 4 tracers from W to E		26 May, 21:26							
		Recorded 9 tracers from E to W									
		Recorded 2 undetermined explosions		26 May, 21:29							
		Recorded 15 tracers from W to E									
		Recorded 2 undetermined explosions		26 May, 21:31							
		Recorded 2 tracers from W to E									
		Recorded 2 undetermined explosions		26 May, 21:32							
		Recorded 1 undetermined explosion									
		Recorded 57 tracers from W to E		26 May, 21:33							
		Recorded 3 undetermined explosions									
		Recorded 43 tracers from W to E		26 May, 21:36							
	Recorded 21 tracers from W to E										
	Recorded 6 undetermined explosions	26 May, 21:38									
		Recorded 13 tracers from W to E	Anti-aircraft cannon (ZU-23, 23mm)	N/K	26 May, 21:43						
		Recorded 31 tracers from W to E	26 May, 22:23								
		Recorded 3 undetermined explosions				26 May, 22:29					
		Recorded 51 tracers from W to E					26 May, 22:32				
		Recorded 1 undetermined explosion						26 May, 22:33			
		Recorded 1 undetermined explosion							26 May, 22:34		
		Recorded 2 undetermined explosions								26 May, 22:37	
Recorded 12 tracers from W to E		26 May, 22:38									
Recorded 8 undetermined explosions											26 May, 22:39
Recorded 2 undetermined explosions											
Recorded 1 undetermined explosion											
Recorded 1 undetermined explosion											

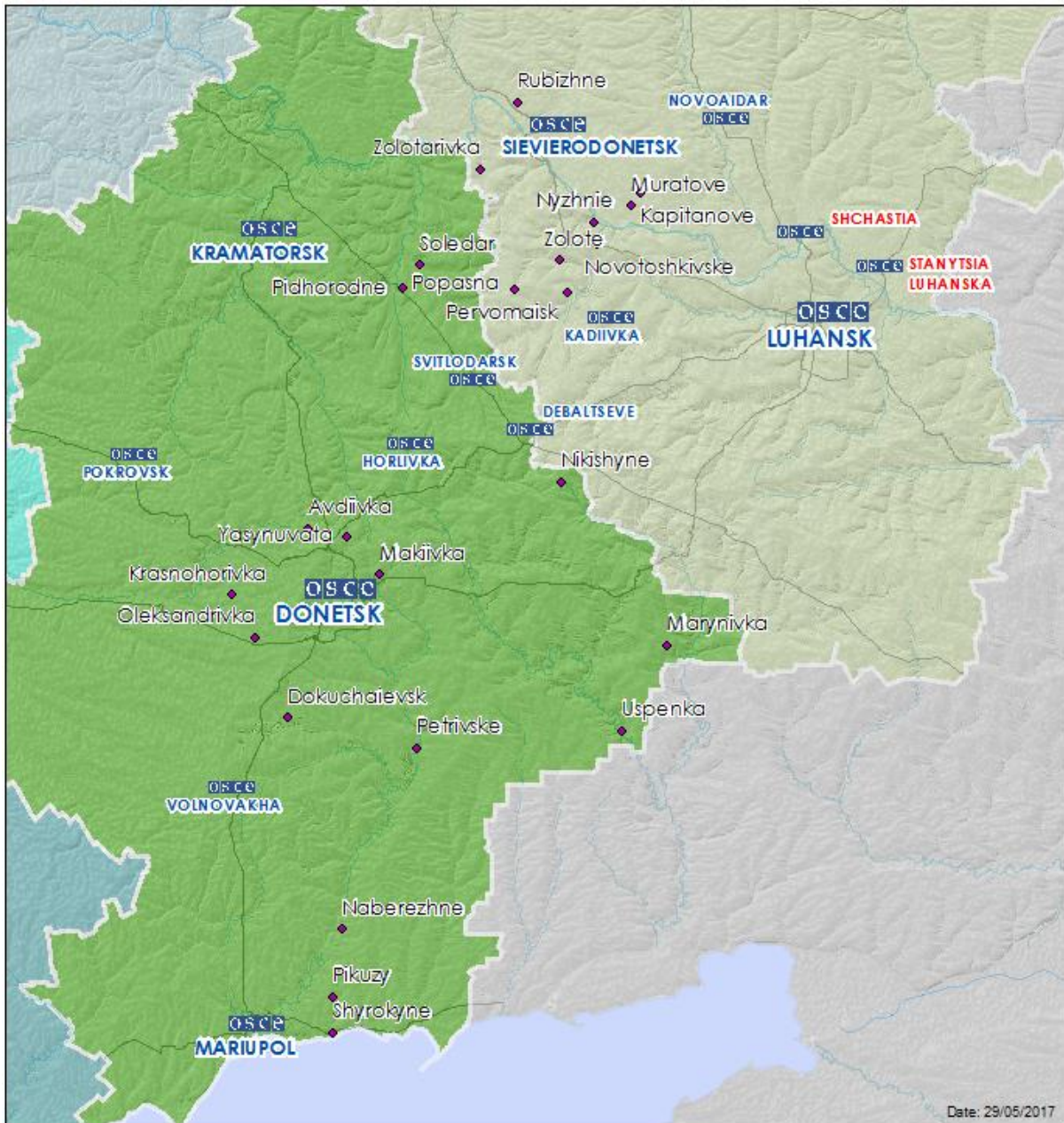
		Recorded 20 tracers from W to E		26 May, 22:40
		Recorded 7 tracers from E to W		26 May, 22:44
		Recorded 10 tracers from E to W		
		Recorded 22 tracers from W to E		26 May, 22:46
		Recorded 1 undetermined explosion		
		Recorded 20 tracers from W to E		26 May, 22:50
		Recorded 1 undetermined explosion		
		Recorded 2 tracers from W to E		26 May, 23:00
		Recorded 45 tracers from E to W		
		Recorded 6 tracers from the W to E		26 May, 23:01
		Recorded 2 tracers from W to E		
		Recorded 1 tracer from the E to W		26 May, 23:47
		Recorded 4 tracers from W to E		26 May, 23:58
		Recorded 11 tracers from W to E		27 May, 00:02
		Recorded 11 tracers from W to E		27 May, 00:23
		Recorded 1 undetermined explosion		27 May, 00:40
		Recorded 2 undetermined explosions		
		Recorded 15 tracers from W to E		27 May, 00:41
		Recorded 17 tracers from E to W		
		Recorded 1 tracer from W to E		27 May, 00:52
		Recorded 18 tracers from W to E		27 May, 01:02
		Recorded 1 undetermined explosion		27 May, 01:03
		Recorded 35 tracers from W to E		27 May, 01:50
		Recorded 23 tracers from W to E		27 May, 01:59
		Recorded 3 rocket-assisted projectiles from SE to NW		27 May, 02:00
		Recorded 6 tracers from W to E		27 May, 02:21
		Recorded 1 undetermined explosion		27 May, 02:26
		Recorded 1 burst (at least 15 shots) from W to E		27 May, 02:29
		Recorded 4 tracers from W to E		27 May, 02:33
		Recorded 7 tracers from W to E		27 May, 02:35
		Recorded 7 tracers from W to E		27 May, 02:37
	N/K NNE	Recorded 1 rocket-assisted projectile from E to W	N/K	27 May, 21:21
		Recorded 1 rocket-assisted projectile from E to W		27 May, 21:32
		Recorded 1 tracer from W to E		27 May, 21:34
		Recorded 1 tracer from W to E		27 May, 21:35
		Recorded 1 rocket-assisted projectile from E to W		
		Recorded 59 tracers from W to E		27 May, 21:38
		Recorded 2 tracers from W to E		27 May, 21:40
		Recorded 1 rocket-assisted projectile from E to W		27 May, 21:46
		Recorded 3 rocket-assisted projectile from E to W		
		Recorded 1 tracer from W to E		27 May, 21:50
		Recorded 1 rocket-assisted projectile from E to W		27 May, 21:54
		Recorded 2 tracers from W to E		
		Recorded 4 rocket-assisted projectiles from E to W		27 May, 22:05
		Recorded 1 rocket-assisted projectile from E to W		27 May, 22:09
		Recorded 23 rocket-assisted projectiles from E to W		27 May, 22:11
		Recorded 18 rocket-assisted projectiles from E to W		
		Recorded 1 tracer from W to E		27 May, 22:14
		Recorded 6 tracers from E to W		27 May, 22:25
		Recorded 3 tracers from W to E		27 May, 22:28
		Recorded 6 tracers from E to W		
		Recorded 22 tracers from E to W		27 May, 22:30
		Recorded 23 rocket-assisted		

	N/K NE	projectiles from E to W		
		Recorded 50 tracers in vertical flight		28 May, 00:35-00:36
		Recorded 72 tracers from W to E		28 May, 00:43-00:44
		Recorded 7 tracers from E to W		28 May, 00:52
		Recorded 135 tracers from W to E		28 May, 00:54
		Recorded 12 tracers from E to W		
		Recorded 21 tracers from W to E		28 May, 01:06
		Recorded 11 tracers from W to E		
		Recorded 1 rocket-assisted projectile from W to E		28 May, 01:14-01:15
		Recorded 3 tracers from E to W		
		Recorded 107 tracers from W to E		28 May, 01:16
		Recorded 52 tracers from W to E		28 May, 01:35
		Recorded 3 tracers from E to W		28 May, 02:40
		Recorded 6 tracers from W to E		28 May, 03:09
		Recorded 27 tracers from W to E		28 May, 03:13
		Recorded 21 tracers from W to E		28 May, 03:15
		Recorded 17 tracers from W to E		28 May, 03:19
		Recorded 1 rocket-assisted projectile from W to E		28 May, 03:19
		Recorded 3 tracers from W to E		
		Recorded 1 rocket-assisted projectile from W to E		28 May, 03:21
		Recorded 2 rocket-assisted projectiles from W to E		28 May, 03:22
Recorded 2 rocket-assisted projectiles from W to E	28 May, 03:25			
Recorded 27 tracers from W to E	28 May, 03:33			
Recorded 35 tracers from W to E	28 May, 03:35			
Recorded 27 tracers from W to E	28 May, 03:38			
3km NW of Lebedynske (government-controlled, 16km NE of Mariupol)	5-6km E	Heard 1 undetermined explosion	N/K	27 May, 12:35
	7km ESE	Heard 2 undetermined explosions		27 May, 12:46
1.5km S of Lebedynske	5-7km E	Heard 1 explosion	N/K	27 May, 13:12
1km N of Zaichenko (government-controlled, 26km NE of Mariupol)	3-4km W	Heard and saw 4 airbursts	N/K	28 May, 11:03
	N/K NW	Heard 1 undetermined explosion		28 May, 11:21
3km NNE of Hnutove (government-controlled, 20km NE of Mariupol)	6km NE	Heard 2 undetermined explosions	N/K	28 May, 13:56
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol)	N/K S	Heard 3 undetermined explosions	N/K	28 May, 12:30
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	5-6km W	Heard 2 undetermined explosions	N/K	26 May, 20:41
		Heard 3 bursts	HMG	
		Heard 20 bursts	Small arms	26 May, 21:16
		Heard 5 bursts	HMG	
	5-6km SW	Heard 3 undetermined explosions	N/K	26 May, 21:18
		Heard 4 undetermined explosions		26 May, 21:27-21:29
	5-6km W	Heard 19 bursts	HMG	26 May, 21:31
		Heard 5 bursts		26 May, 21:49
	3-4km W	Heard 6 bursts	Small arms	26 May, 21:55
		4-5km W	Heard 3 bursts	HMG
Heard 3 explosions (outgoing)	IFV (BMP-1) cannon		26 May, 22:06	
Heard 5 explosions (impacts)	AGL		26 May, 22:06	
Heard 6 explosions (impacts)			26 May, 22:10	
Heard 2 explosions (outgoing)	IFV (BMP-1) cannon	26 May, 22:11		

	4-5km SW	Heard 1 shot	RPG	26 May, 22:15
		Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, 73mm)	26 May, 22:26
	7-8km SW	Heard 20 undetermined explosions	N/K	26 May, 22:33-22:34
	3-4km SW	Heard 6 bursts	Anti-aircraft cannon (ZU-23)	26 May, 22:38
		Heard 2 explosions (outgoing)	IFV (BMP-1) cannon	
	4-5km W	Heard 25 undetermined explosions	N/K	26 May, 22:54-23:28
	4-6km W	Heard 15 undetermined explosions		27 May, 03:30-04:05
	7-8km SW	Heard 1 undetermined explosion	N/K	27 May, 19:35
		Heard 3 explosions (outgoing)	Recoilless gun (SPG-9)	27 May, 19:36
		Heard 1 explosion (outgoing)	IFV (BMP-1) cannon	27 May, 19:41
		Heard 1 explosion (outgoing)	RPG	27 May, 19:50
		Heard 3 explosions (outgoing)	IFV (BMP-1) cannon	27 May, 20:00
		Heard uncountable overlapping bursts and shots	Small arms	27 May, 20:01-20:03
		Heard 3 undetermined explosions	N/K	27 May, 22:01
		Heard 1 undetermined explosion		27 May, 22:44
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7 km SE	Heard 2 undetermined explosions	N/K	26 May, 19:20
		Heard 4 undetermined explosions		26 May, 19:40
	2-3 km SE	Heard 5 bursts	HMG	26 May, 19:51
	7-8 km SW	Heard 3 undetermined explosions	N/K	26 May, 19:55
	9-10 km NW	Heard 4 undetermined explosions		26 May, 22:18
	5-6 km SW	Heard 4 bursts	HMG	26 May, 22:21
	5-7 km SE	Heard 1 undetermined explosion	N/K	26 May, 22:30
	7-8 km SE	Heard 4 undetermined explosions		26 May, 23:00
	7-8 km NW	Heard 5 undetermined explosions		26 May, 23:05
	3-4 km SE	Heard 2 undetermined explosions		27 May, 01:50
	2-3 km SW	Heard 5 bursts	HMG	27 May, 01:53
	2-3 km SE	Heard 2 bursts		27 May, 02:21
	2-3 km NNE	Heard 25 explosions (outgoing)	N/K	27 May, 03:40-03:50
	5-7 km NNE	Heard 3 undetermined explosions		27 May, 04:15
	6-7km SW	Heard 1 undetermined explosion		27 May, 12:49
	4-6 km E	Heard 6 bursts	HMG	27 May, 21:18
		Heard 2 undetermined explosions	N/K	27 May, 21:46
		Heard 15 bursts	HMG	27 May, 21:47-21:49
		Heard 12 bursts	HMG	27 May, 22:00
	5-7 km NE	Heard 2 undetermined explosions	N/K	27 May, 22:01
		Heard 3 undetermined explosions		27 May, 22:02
	4-6km E	Heard 8 bursts	HMG	27 May, 22:02-22:04
	5-7km NE	Heard 3 undetermined explosions	N/K	27 May, 22:05
	6-8km NE	Heard 4 undetermined explosions		27 May, 23:34
		Heard 8 undetermined explosions		27 May, 23:35-23:37
	6-8km NE	Heard 17 undetermined explosions		27 May, 23:38-23:40
	3-5km E	Heard 3 bursts	HMG	27 May, 23:41
	5-6km SE	Heard 7 undetermined explosions	N/K	28 May, 00:52-00:53
	4-6km E	Heard 6 undetermined explosions		28 May, 00:55
	4- km SE	Heard 1 undetermined explosion		28 May, 00:57
	5-7km NE	Heard 9 undetermined explosions		28 May, 01:07-01:11
	4-5km E	Heard 15 bursts	HMG	28 May, 01:15
	4-6km SE	Heard 2 undetermined explosions	N/K	28 May, 01:19
		Heard 11 undetermined explosions		28 May, 01:22-01:25
	4-5km SE	Heard 4 bursts	HMG	28 May, 01:28
		Heard 3 undetermined explosions	N/K	28 May, 01:29
	4-6km NE	Heard 24 undetermined explosions	N/K	28 May, 01:32-01:36
	3-5km SE	Heard 17 undetermined explosions		28 May, 01:59-02:01
		Heard 3 undetermined explosions		28 May, 03:09
	4-6km SE	Heard 7 explosions		28 May, 03:11-03:12
3-5 km E	Heard 12 bursts	HMG	28 May, 03:19	
4-6 km SE	Heard 9 undetermined explosions	N/K	28 May, 03:24-03:25	
S edge of Popasna (government-	1.5-2km S	Heard 1 explosion (outgoing)	Recoilless gun (SPG-9)	27 May, 12:35

controlled, 69km W of Luhansk)				
1.5km W of Zolote-4 (government-controlled, 60km NW of Luhansk)	3-5km WSW	Heard 1 undetermined explosion (assessed as outside the disengagement area)	N/K	28 May, 09:16
3 km N of Pervomaisk (“LPR”-controlled, 58km W of Luhansk)	4km W	Heard 14 undetermined explosions (assessed as outside the disengagement area)	N/K	28 May, 11:02-11:51
	2km W	Heard 1 shot (assessed as outside the disengagement area)	Small arms	28 May 11:12
		Heard 6 shots (assessed as outside the disengagement area)		28 May 11:28
2.5km S of Muratove (government-controlled, 51km NW of Luhansk)	5km S	Heard 25 shots and 3 bursts	HMG	28 May, 11:10-11:22

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.)