

Table of ceasefire violations as of 12 December 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5 km S	Recorded 1 undetermined explosion	N/K	11 December, 19:30
		Recorded 30 projectiles from W to E		11 December, 19:32
		Recorded 1 undetermined explosion		11 December, 19:33
		Recorded 1 undetermined explosion		11 December, 19:35
		Recorded 1 projectile from E to W		11 December, 19:39
		Recorded 1 undetermined explosion		11 December, 20:07
		Recorded 1 undetermined explosion		11 December, 20:13
		Recorded 1 undetermined explosion		11 December, 20:34
		Recorded 1 undetermined explosion		11 December, 20:35
		Recorded 1 projectile from W to E		11 December, 20:58
		Recorded 1 undetermined explosion		11 December, 20:59
		Recorded 6 projectiles from W to E		11 December, 21:00
		Recorded 2 projectiles from E to W		11 December, 21:08
		Recorded 1 projectile from W to E		11 December, 21:09
		Recorded 7 projectiles from E to W		11 December, 21:11
		Recorded 4 undetermined explosions		11 December, 21:12
		Recorded 6 projectiles from E to W		11 December, 21:15
		Recorded 10 projectiles from W to E		11 December, 21:15
		Recorded 9 projectiles from E to W		11 December, 21:16
		Recorded 15 projectiles from E to W		11 December, 21:17
		Recorded 1 undetermined explosion		11 December, 21:18
		Recorded 1 projectile from W to E		11 December, 21:23
		Recorded 8 projectiles from E to W		11 December, 21:26
		Recorded 1 undetermined explosion		11 December, 21:34
		Recorded 7 projectiles from NE to SW		11 December, 21:38
		Recorded 15 undetermined explosions		11 December, 21:44
		Recorded 1 projectile from E to W		11 December, 21:50
		Recorded 2 undetermined explosions		11 December, 21:51
		Recorded 10 projectiles from W to E		11 December, 21:54
		Recorded 1 undetermined explosion		11 December, 21:55
		Recorded 1 undetermined explosion		11 December, 21:56
		Recorded 16 projectiles from E to W		11 December, 22:14
		Recorded 2 undetermined explosions		11 December, 22:18
		Recorded 7 projectiles from E to W		
		Recorded 3 undetermined explosions		
		Recorded 5 projectiles from E to W		
		Recorded 2 projectiles from NW to SE		
		Recorded 1 projectile from NW to SE		
		Recorded 1 projectile from SE to NW		
		Recorded 1 projectile from NW to SE		
Recorded 1 undetermined explosion				
Recorded 1 projectile from NW to SE				
Recorded 1 projectile from NW to SE				
Recorded 1 projectile from W to E				
Recorded 1 projectile from E to W				
Recorded 1 projectile from W to E				

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 2 projectiles from W to E	11 December, 22:19
	Recorded 1 projectile from W to E	11 December, 22:21
	Recorded 3 projectiles from NW to SE	11 December, 22:24
	Recorded 1 projectile from NE to SW	11 December, 22:28
	Recorded 3 projectiles from E to W	11 December, 22:37
	Recorded 2 projectiles from NW to SE	11 December, 22:48
	Recorded 4 projectiles from E to W	11 December, 23:17
	Recorded 1 projectile from SE to NW	11 December, 23:40
	Recorded 1 projectile from E to W	11 December, 23:44
	Recorded 1 undetermined explosion	11 December, 23:56
	Recorded 2 projectiles from W to E	12 December, 00:16
	Recorded 1 projectile from W to E	12 December, 00:16
	Recorded 1 undetermined explosion	
	Recorded 3 undetermined explosions	12 December, 00:17
	Recorded 1 undetermined explosion	12 December, 00:18
	Recorded 2 undetermined explosions	12 December, 00:19
	Recorded 2 undetermined explosions	12 December, 00:21
	Recorded 1 projectile from W to E	12 December, 00:23
	Recorded 1 projectile from W to E	12 December, 00:26
	Recorded 1 projectile from W to E	12 December, 00:31
	Recorded 4 undetermined explosions	12 December, 00:36
	Recorded 2 undetermined explosions	12 December, 00:41
	Recorded 2 projectiles from E to W	12 December, 00:51
	Recorded 1 projectile from W to E	12 December, 01:15
	Recorded 1 projectile from E to W	12 December, 01:16
	Recorded 1 undetermined explosion	
	Recorded 1 projectile from E to W	12 December, 01:27
	Recorded 2 projectiles from W to E	12 December, 01:29
	Recorded 1 projectile from W to E	12 December, 01:31
	Recorded 2 projectiles from E to W	
	Recorded 3 projectiles from W to E	12 December, 01:37
	Recorded 1 projectile from E to W	12 December, 01:53
	Recorded 8 projectiles from E to W	12 December, 01:59
	Recorded 3 projectiles from E to W	12 December, 02:00
	Recorded 8 projectiles from E to W	12 December, 02:04
	Recorded 1 undetermined explosion	12 December, 02:10
	Recorded 2 projectiles from SE to NW	
	Recorded 1 undetermined explosion	12 December, 02:33
	Recorded 1 projectile from E to W	12 December, 02:33
	Recorded 1 undetermined explosion	12 December, 03:41
	Recorded 1 projectile from SW to NE	12 December, 03:45
	Recorded 2 projectiles from W to E	12 December, 03:47
	Recorded 2 projectiles from NW to SE	12 December, 04:34
	Recorded 3 projectiles from E to W	12 December, 04:35
	Recorded 1 projectiles from SW to NE	12 December, 04:38
	Recorded 4 undetermined explosion	12 December, 04:55
	Recorded 1 undetermined explosion	12 December, 04:56
	Recorded 2 undetermined explosions	12 December, 05:27
	Recorded 3 undetermined explosion	12 December, 05:28
	Recorded 1 undetermined explosion	12 December, 05:31
	Recorded 2 projectiles from W to E	12 December, 06:12
	Recorded 2 undetermined explosion	
	Recorded 1 undetermined explosion	12 December, 06:18
	Recorded 3 projectiles from E to W	12 December, 06:28
	Recorded 1 projectile from W to E	12 December, 06:33

	0.5-1.5 km S	Recorded 5 projectiles from E to W	N/K	12 December, 16:17
		Recorded 3 projectiles from E to W		12 December, 16:21
		Recorded 1 projectile from E to W		12 December, 16:23
		Recorded 1 undetermined explosion		12 December, 16:24
		Recorded 2 projectiles from W to E		12 December, 16:25
		Recorded 1 projectile from W to E		12 December, 16:27
		Recorded 1 undetermined explosion		12 December, 16:28
		Recorded 8 projectiles from E to W		12 December, 16:31
		Recorded 1 undetermined explosion		12 December, 16:33
		Recorded 1 projectile from E to W		12 December, 16:34
		Recorded 9 projectiles from E to W		12 December, 16:35
		Recorded 1 undetermined explosion		12 December, 16:37
		Recorded 7 projectiles from E to W		12 December, 17:06
		Recorded 3 projectiles from E to W		12 December, 17:07
		Recorded 1 undetermined explosion		12 December, 17:12
		Recorded 3 projectiles from E to W		12 December, 17:13
		Recorded 5 projectiles from E to W		12 December, 17:31
		Recorded 3 projectiles from E to W		12 December, 17:32
		Recorded 5 projectiles from W to E		12 December, 17:33
		Recorded 1 undetermined explosion		12 December, 17:35
		Recorded 5 projectiles from W to E		12 December, 17:43
		Recorded 1 projectile from W to E		12 December, 17:47
		Recorded 1 projectile from W to E		12 December, 17:56
		Recorded 1 projectile from E to W		12 December, 18:11
		Recorded 1 projectile from W to E		12 December, 18:17
		Recorded 1 airburst		12 December, 18:18
		Recorded 2 projectiles from W to E		12 December, 18:19
		Recorded 2 projectiles from E to W		12 December, 18:20
		Recorded 10 projectiles from W to E		12 December, 18:21
		Recorded 2 projectiles from E to W		12 December, 18:22
		Recorded 4 projectiles from W to E		12 December, 18:24
		Recorded 2 projectiles from E to W		12 December, 18:25
		Recorded 16 projectiles from W to E		12 December, 18:26
		Recorded 4 projectiles from E to W		12 December, 18:28
		Recorded 1 illumination flare		12 December, 18:29
		Recorded 4 undetermined explosions		
		Recorded 5 projectiles from W to E		
		Recorded 3 projectiles from W to E		
		Recorded 17 projectiles from W to E		
		Recorded 2 undetermined explosions		
		Recorded 5 projectiles from E to W		
Recorded 1 projectile from W to E				
Recorded 1 projectile from E to W				
Recorded 3 projectiles from W to E				
Recorded 1 undetermined explosion				
Recorded 12 tracers from E to W	N/K	11 December, 20:28		
Recorded 9 projectiles from E to W		11 December, 20:32		
Recorded 2 tracers from E to W		11 December, 20:58		
Recorded 3 tracers from E to W		11 December, 21:11		
Recorded 5 tracers from E to W		11 December, 21:11		
Recorded 2 tracers from E to W		11 December, 21:52		

		Recorded 3 tracers from E to W		11 December, 21:56
		Recorded 5 tracers from W to E		
		Recorded 3 tracers from E to W		11 December, 22:29
		Recorded 3 tracers from E to W		11 December, 22:41
		Recorded 5 tracers from E to W		11 December, 22:42
		Recorded 2 undetermined explosions		12 December, 14:56
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-3km N	Recorded 1 projectile from E to W	N/K	11 December, 20:43
		Recorded 2 undetermined explosions		
		Recorded 1 undetermined explosion		11 December, 21:14
		Recorded 1 illumination flare in vertical flight		11 December, 23:27
		Recorded 1 tracer from E to W		12 December, 01:10
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km ESE	Recorded 2 tracers from SE to NW	N/K	11 December, 20:34
		Recorded 1 undetermined explosion		11 December, 20:49
		Recorded 4 tracers from W to E		11 December, 20:55
		Recorded 9 undetermined explosions		11 December, 20:56
		Recorded 1 illumination flare		11 December, 21:15
		Recorded 1 undetermined explosion		11 December, 21:18
		Recorded 1 undetermined explosion		11 December, 21:21
		Recorded 2 undetermined explosions		11 December, 21:22
		Recorded 1 undetermined explosion		11 December, 21:25
		Recorded 60 tracers from W to E		11 December, 21:28
		Recorded 25 tracers from E to W		
		Recorded 2 undetermined explosions		
		Recorded 30 tracers from W to E		11 December, 21:29
		Recorded 10 tracers from E to W		
		Recorded 2 undetermined explosions		
		Recorded 16 projectiles from E to W		11 December, 21:30
		Recorded 2 undetermined explosions		11 December, 21:41
		Recorded 1 undetermined explosion		11 December, 21:51
		Recorded 1 undetermined explosion		11 December, 22:05
		Recorded 1 undetermined explosion		11 December, 22:12
		Recorded 1 undetermined explosion		11 December, 22:23
		Recorded 2 undetermined explosions		11 December, 22:24
		Recorded 1 undetermined explosion		11 December, 22:25
		Recorded 2 undetermined explosions		11 December, 22:28
		Recorded 1 illumination flare		11 December, 22:29
		Recorded 1 undetermined explosion		11 December, 22:30
		Recorded 1 undetermined explosion		11 December, 22:43
		Recorded 2 undetermined explosions		11 December, 22:44
		Recorded 1 undetermined explosion		11 December, 22:45
		Recorded 1 undetermined explosion		11 December, 22:55
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	2-3km WNW	Heard 100 undetermined explosions	N/K	11 December, 20:15-20:45
		Heard uncountable overlapping explosions		11 December, 20:45-21:00
		Heard 164 undetermined explosions		11 December, 21:00-21:45
	0.1km E	Heard 1 shot	Small arms	11 December, 21:07
	0.3-0.5km ESE	Heard 2 shots		11 December, 21:15
2-3km WNW	Heard 136 undetermined explosions	N/K	11 December, 22:00-23:00	
2.3km NW of Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	3-4km NNW	Heard 2 undetermined explosions	N/K	12 December, 11:24
		Heard 4 undetermined explosions		12 December, 11:43
	3-4km NW	Heard 6 undetermined explosions		12 December, 11:55
SMM camera in Petrivske ("DPR"-controlled, 41km S	N/K S	Recorded 2 tracers from E to W (unable to assess whether inside or outside the disengagement area)	N/K	10 December, 05:01

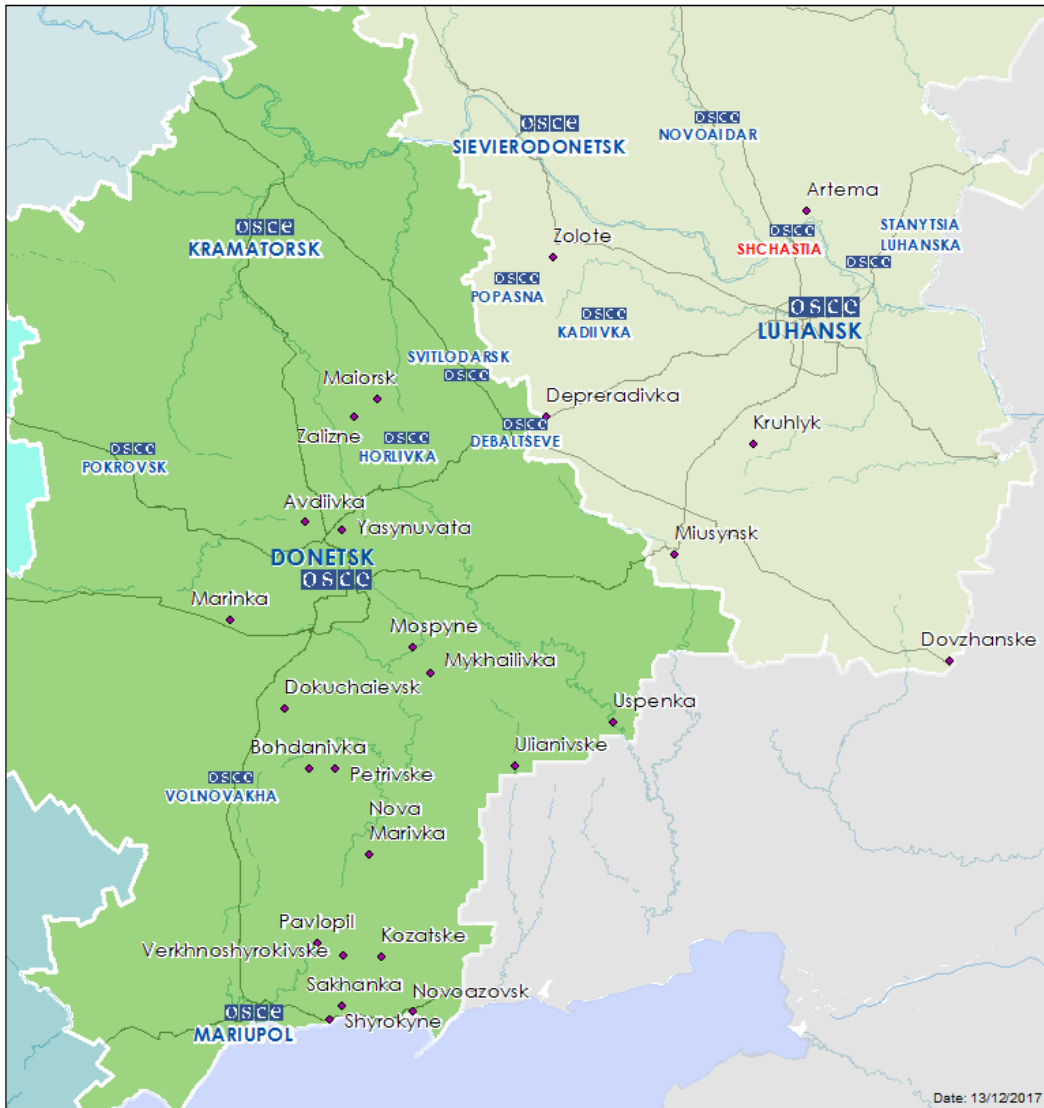
of Donetsk city)				
Railway station in Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	1-3km W	Heard 4 shots	Small arms	12 December, 08:36-08:40
		Heard 10 shots		
	3-5km W	Heard 1 undetermined explosion	N/K	12 December, 09:10-09:13
	1-3km W	Heard 1 burst	Small arms	12 December, 09:21-09:28
		Heard 6 shots		
	1-2km W	Heard 37 shots	HMG	12 December, 09:30-09:33
		Heard 4 undetermined explosions	N/K	12 December, 09:31
		Heard 38 bursts	HMG	12 December, 09:31-09:33
		Heard 3 undetermined explosions	N/K	12 December, 09:33
		Heard 17 shots	Small arms	12 December, 09:35
		Heard 1 undetermined explosion	N/K	
		Heard 5 bursts	HMG	
		Heard 7 shots		
	1-2km WNW	Heard 1 undetermined explosion	N/K	12 December, 09:37
	1-2km W	Heard 16 shots	Small arms	12 December, 09:39
		Heard 4 undetermined explosions	N/K	12 December, 09:39-09:40
		Heard 23 bursts	HMG	12 December, 09:43
		Heard 19 shots	Small arms	12 December, 09:44
		Heard 6 undetermined explosions	N/K	
		Heard 12 bursts	HMG	
	2-3km WNW	Heard 2 undetermined explosions	N/K	12 December, 09:45
		Heard 2 undetermined explosions		
	1-2km W	Heard 29 bursts	HMG	12 December, 09:46-09:49
		Heard 35 shots		
	1-3km W	Heard 10 undetermined explosions	N/K	12 December, 09:47-09:49
		Heard 29 shots	Small arms	12 December, 09:50
		Heard 47 bursts	HMG	12 December, 09:51-09:57
		Heard 2 undetermined explosions	N/K	12 December, 09:55
	1-2km NW	Heard 1 undetermined explosion		12 December, 09:58
	2-3km NNW	Heard 9 bursts	HMG	12 December, 09:59
	1-2km W	Heard 1 undetermined explosion	N/K	
	1-3km SW	Heard 18 shots	Small arms	12 December, 10:00-10:30
	1-2km W	Heard 15 shots		
		Heard 5 bursts		
	3-4km SW	Heard 5 bursts	HMG	12 December, 10:30-10:35
	1-2km W	Heard 4 shots	Small arms	
		Heard 1 undetermined explosion	N/K	
	2-3km W	Heard 3 bursts	HMG	
	1-2km W	Heard 14 shots	Small arms	12 December, 10:40-10:43
1-3km W	Heard 12 shots	12 December, 11:13		
2-4km W	Heard 3 undetermined explosions	N/K	12 December, 11:38-11:47	
1-3km NW	Heard 1 burst	Small arms		
1-3km W	Heard 1 burst			
1-2km W	Heard 3 bursts	HMG	12 December, 12:21-12:26	
	Heard 31 shots	Small arms		
	Heard 5 bursts			
	Heard 5 shots			
	Heard 10 shots			12 December, 12:30
	Heard 6 bursts	HMG	12 December, 12:40-12:50	
	Heard 3 shots	Small arms	12 December, 13:07-13:10	
1-3km W	Heard 5 shots		12 December, 13:34	
3-5km W	Heard 1 undetermined explosion	N/K	12 December, 13:36	
1-3km W	Heard 1 burst	Small arms	12 December, 13:37	
	Heard 2 shots			
	Heard 1 burst			
	Heard 1 shot			
	Heard 4 bursts			
			12 December, 13:43	
			12 December, 13:47-13:54	

		Heard 10 shots		12 December, 14:05
		Heard 10 bursts		12 December, 14:24
		Heard 11 shots		
		Heard 1 burst		
	1-2km W	Heard 9 shots Heard 5 bursts	HMG	12 December, 14:34
2-3km WSW	Heard 8 shots		12 December, 14:38	
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km ESE	Heard 1 undetermined explosion	N/K	12 December, 13:21
	4-5km ESE	Heard 6 undetermined explosions		12 December, 13:25
E edge of Bohdaniivka (government-controlled, 41km SW of Donetsk)	3-5km NNW	Heard 5 undetermined explosions (assessed as outside the disengagement area)	N/K	12 December, 09:50-09:53
2.9km SE of Sakhanka ("DPR"-controlled, 24km NE of Mariupol)	N/K NW	Heard 9 undetermined explosions	N/K	12 December, 11:39
		Heard 2 undetermined explosions		12 December, 12:15
1km NE of Zaichenko ("DPR"-controlled, 26km NE of Mariupol)	3-5km SSW	Heard 3 undetermined explosions	N/K	12 December, 13:05-13:11
	N/K WNW	Heard 5 undetermined explosions		12 December, 13:16-13:25
	N/K SSW	Heard 2 undetermined explosions		
Kulykove ("DPR"-controlled, 30km NE of Mariupol)	N/K NNW	Heard 2 undetermined explosions	N/K	12 December, 13:41
	2-3km NNW	Heard 6 bursts	Small arms	12 December, 13:58-13:59
		Heard 2 bursts		
	N/K NNW	Heard 1 undetermined explosion	N/K	12 December, 14:03-14:10
	N/K NW	Heard 1 undetermined explosion		
N/K SSW	Heard 2 undetermined explosions			
1km NNW of Pyschchevyk (government-controlled, 25km NE of Mariupol)	N/K SSE	Heard 2 undetermined explosions	N/K	12 December, 14:17
	N/K S	Heard 125 undetermined explosions		12 December, 14:22-14:47
	N/K SSE	Heard 11 undetermined explosions		12 December, 14:50-14:55
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	6-8km SW	Heard 2 undetermined explosions	N/K	11 December, 19:15
		Heard 1 undetermined explosion		11 December, 20:50
NW edge of Horlivka ("DPR"-controlled, 39km NE of Donetsk)	6km SW	Heard 2 undetermined explosions	N/K	12 December, 10:00
		Heard 1 shot	Small arms	12 December, 11:30
		Heard 4 undetermined explosions	N/K	12 December, 12:45
Svitlodarsk (government-controlled, 57km NE of Donetsk)	7-8km SSE	Heard 2 explosions (impacts)	Artillery (122mm)	11 December, 18:27
	7-8km SE	Heard 4 explosions (impacts)		11 December, 19:02
	6-7km SE	Heard uncountable overlapping bursts and shots	IFV (BMP-2) cannon (30mm)	11 December, 19:26-19:29
		Heard 15 bursts	HMG	
		Heard about 50 shots Heard 20 bursts	Small arms	
	5-7km SW	Heard 5 bursts	IFV (BMP-2) cannon	11 December, 20:10-20:11
		Heard 20 bursts	Small arms	
	2-3km N	Heard 12 explosions (outgoing)	Artillery (122mm)	11 December, 20:19-20:22
	4-5km SW	Heard 12 subsequent explosions (impacts)		
	2-3km N	Heard 12 explosions (outgoing)		11 December, 20:32-20:33
	6-7km SE	Heard 12 subsequent explosions (impacts)		
	2-3km N	Heard 12 explosions (outgoing)		11 December, 20:38-20:39
	6-7km SE	Heard 12 subsequent explosions (impacts)		
	2-3km N	Heard 12 explosions (outgoing)		

	6-7km SE	Heard 12 subsequent explosions (impacts)		11 December, 20:47-20:49
	2-3km N	Heard 12 explosions (outgoing)		
	6-7km SE	Heard 12 subsequent explosions (impacts)		
	4-5km N	Heard 12 explosions (outgoing)		
	6-7km SE	Heard 12 subsequent explosions (impacts)		
	4-5km SW	Heard uncountable overlapping bursts and shots	Small arms	11 December, 21:05-21:34
		Heard uncountable overlapping bursts and shots	IFV (BMP-2) cannon	
		Heard 6 explosions (impacts)	Artillery (152mm)	
		Heard 34 explosions (impacts)	Artillery (type N/K)	
		Heard uncountable overlapping bursts and shots	HMG	
		Heard 8 undetermined explosions	Mortar (120mm)	
	Heard uncountable overlapping undetermined explosions	IFV (BMP-1) cannon (73mm)		
	2-3km N	Heard 6 explosions (outgoing)	Artillery (122mm)	11 December, 21:38-21:42
	6-7km SW	Heard 6 subsequent explosions (impacts)		
	4-5km SW	Heard uncountable overlapping bursts and shots	Small arms	11 December, 21:58-22:02
	6-7km SW	Heard uncountable overlapping bursts and shots		
	7-8km SW	Heard 4 explosions (impacts)	Artillery (type N/K)	11 December, 22:06-22:07
	4-5km SW	Heard 2 explosions (impacts)	Artillery (152mm)	
	3-4km N	Heard 80 explosions (outgoing)	Artillery (122mm)	11 December, 22:24-22:44
	7-8km SW	Heard 80 subsequent explosions (impacts)		
5-6km SW	Heard 21 explosions (impacts)	Artillery (152mm)	11 December, 22:24-22:44	
5-7km SW	Heard 10 explosions (impacts)		11 December, 22:54-22:57	
7-8km N	Heard 6 explosions (impacts)		11 December, 23:17-23:19	
4-5km SW	Heard 1 undetermined explosion	N/K	12 December, 08:55	
			12 December, 14:40-15:05	
			12 December, 17:40	
Zalizne (former Artemove, government-controlled, 42km NE of Donetsk)	3km SW	Heard 1 undetermined explosion	N/K	12 December, 09:13
	3-5km SW	Heard 1 undetermined explosion		12 December, 12:05
Luhanske (government-controlled, 59km NE of Donetsk)	2km SW	Heard 2 undetermined explosions	N/K	12 December, 13:53
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-4km SE, S, SW	Heard 3 shots (unable to assess whether inside or outside the disengagement area)	Small arms	11 December, 19:36
		Heard 2 shots (unable to assess whether inside or outside the disengagement area)		11 December, 19:38
		Heard 2 shots (unable to assess whether inside or outside the disengagement area)		11 December, 19:39
		Heard 10 shots (unable to assess whether inside or outside the disengagement area)		11 December, 19:40
N edge of Popasna (government-controlled, 69km W of Luhansk)	5km S	Heard 20 undetermined explosions	Artillery	11 December, 20:05
		Heard 15 bursts		
		Heard 3 undetermined explosions	Artillery	11 December, 20:16
		Heard 2 undetermined explosions		11 December, 20:45
1.5km SW of	0.5km SSW	Heard 5 bursts	HMG	12 December, 9:52

Molodizhne (“LPR”-controlled, 63km NW of Luhansk)				
W edge of Kriakivka (government-controlled, 38km NW of Luhansk)	3-4km S	Heard 5 shots	HMG	12 December, 10:48-10:53
		Heard 10 shots	Small arms	12 December, 10:57
E edge of Kriakivka (government-controlled, 38km NW of Luhansk)	2-3km SW	Heard 9 bursts	HMG	12 December, 13:05
SE edge of Krasnyi Lyman (“LPR”-controlled, 30km NW of Luhansk)	5km W	Heard 11 shots	Small arms	12 December, 11:15-11:36
NW edge of Depreradivka (“LPR”-controlled, 65km W of Luhansk)	3-5km WNW	Heard 1 burst (6 shots)	HMG	12 December, 11:35-11:55
		Heard 10 undetermined explosions	N/K	
Trokhizbenka (government-controlled, 32km NW of Luhansk)	4km S	Heard 2 undetermined explosions		12 December, 11:59
	1-2km S	Heard 2 undetermined explosions	N/K	12 December, 12:26
S edge of Muratove (government-controlled, 51km NW of Luhansk)	2km S	Heard 4 shots	Small arms	12 December, 13:45
	3-4km S	Heard 3 undetermined explosions	N/K	12 December, 13:50
E edge of Raivka (“LPR”-controlled, 16km NW of Luhansk)	10-15km W	Heard 3 undetermined explosions	N/K	12 December, 13:25
NNE edge of Katerynivka (government-controlled, 64km west of Luhansk)	3-6km NNW	Heard 1 undetermined explosion (assessed as outside the disengagement area)	N/K	12 December, 12:55
Zolote-4/Rodina (government-controlled, 60km NW of Luhansk)	0.15-0.2km N	Heard 1 shot (assessed as outside the disengagement area)	Small arms	12 December, 13:37-13:47
	0.15-0.2km E	Heard 1 shots (assessed as outside the disengagement area)		
	0.2-0.3km E	Heard 2 shots (assessed as outside the disengagement area)		
	0.2-0.3km E	Heard 6 shots (assessed as outside the disengagement area)		12 December, 13:52-13:58

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 base from which SMM staff has temporarily relocated since 27 September 2016 based on recommendations of security experts from participating States.)