

Table of ceasefire violations as of 29 January 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	6-15km SE	Recorded 3 undetermined explosions (outside disengagement area)	Artillery (type N/K)	26 January, 20:26
	5km E	Recorded 1 projectile from N to S (outside disengagement area)	N/K	26 January, 20:31
	5-15km SSE	Recorded 1 undetermined explosion (outside disengagement area)	Artillery (type N/K)	26 January, 20:35
		Recorded 4 undetermined explosions (outside disengagement area)		26 January, 20:36
	5km E	Recorded 1 undetermined explosion (outside disengagement area)	N/K	26 January, 20:39
5km E	Recorded 1 projectile from N to S (outside disengagement area)	N/K	26 January, 20:42	
SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	740m SSW	Recorded 3 shots (inside disengagement area)	N/K	27 January, 00:07
SMM camera at Oktiabr mine (9km NW of Donetsk)	4-5km NE	Recorded 1 projectile from NW to SE	N/K	27 January, 18:43
		Recorded 50 tracers from SE to NW		27 January, 19:14
		Recorded 2 undetermined explosions		27 January, 19:14
	4-6km NE	Recorded 1 projectile from SE to NW		27 January, 19:52
		Recorded 7 projectiles from SE to NW		27 January, 20:02
		Recorded 1 undetermined explosion		
		Recorded 1 projectile from SE to NW		27 January, 20:03
		Recorded 1 undetermined explosion		
		Recorded 1 undetermined explosion		27 January, 20:04
		Recorded 1 undetermined explosion		27 January, 20:05
		Recorded 1 projectile from SE to NW		27 January, 20:07
		Recorded 3 projectiles from SE to NW		27 January, 20:09
		Recorded 2 projectiles from SE to NW		27 January, 20:10
		Recorded 1 projectile from SE to NW		27 January, 20:11
		Recorded 1 projectile from SE to NW		27 January, 20:12
		Recorded 16 projectiles from NW to SE		27 January, 20:15-20:16
		Recorded 24 projectiles from SE to NW		
	Recorded 8 undetermined explosions	27 January, 20:15		
	Recorded 3 projectiles from NW to SE	27 January, 20:17		
	4-5km NE	Recorded 6 projectiles from NW to SE		27 January, 20:18
		Recorded 1 projectile from SE to NW		27 January, 20:19
		Recorded 1 projectile from NW to SE		27 January, 20:20
	4-6km NE	Recorded 6 projectiles from SE to NW		27 January, 20:22
		Recorded 1 projectile from NW to SE		
		Recorded 1 undetermined explosion		27 January, 20:39

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 7 undetermined explosions		27 January, 20:45	
		Recorded 2 projectiles from SE to NW		27 January, 20:46	
		Recorded 1 undetermined explosion		27 January, 20:50	
		Recorded 2 undetermined explosions		27 January, 20:51	
		Recorded 1 undetermined explosion		27 January, 20:52	
		Recorded 1 undetermined explosion		27 January, 20:53	
		Recorded 5 projectiles from NW to SE		27 January, 21:19	
		Recorded 2 projectiles from NW to SE		27 January, 21:22	
		Recorded 2 undetermined explosions		27 January, 21:49	
		Recorded 1 undetermined explosion		27 January, 21:50	
		Recorded 1 undetermined explosion		27 January, 21:51	
		Recorded 7 undetermined explosions		27 January, 21:53-21:54	
		Recorded 1 undetermined explosion		27 January, 21:59	
		Recorded 1 undetermined explosion		27 January, 22:33	
		Recorded 2 undetermined explosions		27 January, 22:34	
		Recorded 1 undetermined explosion		27 January, 22:42	
		2-4km SW		Recorded 1 illumination flare in vertical flight	28 January, 18:30
				Recorded 1 illumination flare in vertical flight	28 January, 19:08
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-5km SE	Recorded 5 projectiles from N to S	N/K	27 January, 20:11	
		Recorded 2 undetermined explosions		27 January, 20:25	
		Recorded 8 undetermined explosions		27 January, 20:50	
		Recorded 21 undetermined explosions		27 January, 20:51	
	1-2km SE	Recorded 2 undetermined explosions		27 January, 21:41	
	4-5km SE	Recorded 2 projectiles from N to S		27 January, 22:40	
		Recorded 1 undetermined explosion		27 January, 22:42	
		Recorded 1 projectile from N to S		27 January, 22:45	
		Recorded 1 projectile from N to S		27 January, 22:49	
		Recorded 1 projectile from N to S		27 January, 22:51	
		Recorded 1 projectile from N to S		27 January, 22:52	
		Recorded 1 undetermined explosion		27 January, 23:57	
		Recorded 1 illumination flare in vertical flight		28 January, 00:00	
	3-6km SE	Recorded 3 projectiles of indirect fire from N to S		28 January, 18:02	
		Recorded 1 projectile of indirect fire from N to S		28 January, 18:05	
		Recorded 1 projectile of indirect fire from N to S		28 January, 18:06	
	4-6km SE	Recorded 1 undetermined explosion		28 January, 18:45	
	Park Inn Hotel ("DPR"-controlled, Donetsk)	8-12km NW		Heard 1 undetermined explosion	N/K
5-8 km NW		Heard 2 undetermined explosions	27 January, 21:21		
		Heard 1 undetermined explosion	27 January, 21:31		
5-8km NW		Heard 7 undetermined explosions	27 January, 21:33		
		Heard 3 undetermined explosions	27 January, 21:34		
		Heard 1 undetermined explosion	27 January, 21:36		
		Heard 1 undetermined explosion	27 January, 21:50		

		Heard 4 undetermined explosions		27 January, 21:53
		Heard 8 undetermined explosions		27 January, 21:55
	2-3km WNW	Heard 1 undetermined explosion		27 January, 21:56
	5-8km NW	Heard 2 undetermined explosions		27 January, 21:58
		Heard 2 undetermined explosions		27 January, 22:00
		Heard 4 undetermined explosions		27 January, 22:02
		Heard 2 undetermined explosions		27 January, 22:03
		Heard 2 undetermined explosions		27 January, 22:05
	2-3km WNW	Heard 2 undetermined explosions		27 January, 22:07
	4-6km NW	Heard 2 undetermined explosions		27 January, 22:10
		Heard 2 undetermined explosions		27 January, 22:12
	5-8km NW	Heard 10 undetermined explosions		27 January, 22:26-22:28
		Heard 2 undetermined explosions		27 January, 22:30
		Heard 4 undetermined explosions		27 January, 22:32
	8-12km NW	Heard 12 undetermined explosions		27 January, 22:33-22:34
		Heard 4 undetermined explosions		27 January, 22:45
		Heard 2 undetermined explosions		27 January, 22:46
		Heard 2 undetermined explosions		27 January, 22:49
		Heard 1 undetermined explosion		27 January, 22:52
		Heard 3 undetermined explosions		27 January, 22:55
Heard 1 undetermined explosion		27 January, 22:57		
Heard 5 undetermined explosions		27 January, 22:59		
Heard 3 undetermined explosions		27 January, 23:01		
Heard 3 undetermined explosions		27 January, 23:27		
Heard 1 undetermined explosion		27 January, 23:57		
Heard 1 undetermined explosion		27 January, 23:58		
Heard 1 undetermined explosion		28 January, 00:02		
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	1-2km ENE	Heard 5 bursts	Small arms	28 January, 10:06
		Heard 4 shots		
	2-3km N	Heard 1 undetermined explosion	N/K	28 January, 10:21

		Heard 2 bursts	HMG	28 January, 10:29
		Heard 1 shot		
		Heard 3 shots	Small arms	28 January, 10:47
		Heard 3 shots		28 January, 10:55
		Heard 4 bursts	HMG	28 January, 11:04-11:11
		Heard 1 burst		
2-3km NNE	Heard 9 shots	Small arms	28 January, 12:02	
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)	5-7km NNE	Heard 8 undetermined explosions	N/K	28 January, 10:15-10:40
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	2-3km NW	Heard 20 shots	Small arms	28 January, 12:32
		Heard 1 shot		28 January, 13:15
	2-4km NNW	Heard 2 undetermined explosions	N/K	28 January, 13:32
	2-3km NNW	Heard 1 burst	HMG	28 January, 13:38
	2-4km NNW	Heard 12 undetermined explosions	N/K	28 January, 13:55-14:32
		Heard 5 bursts	HMG	
Heard 60 shots		Small arms		
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	10km N	Heard 16 undetermined explosions	N/K	27 January, 20:04-20:45
	3km NW	Heard 2 bursts	HMG	27 January, 20:15-20:25
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	5-7km WNW	Heard 1 undetermined explosion	N/K	27 January, 19:01-19:04
	3-5km WNW	Heard 5 shots	HMG	
		Heard 5 bursts (3-5 shots each)		
2-3km N	Heard 4 bursts (8-10 shots each)		28 January, 09:55	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	7-12km SW	Heard 2 bursts	HMG	27 January, 19:35
		Heard 5 undetermined explosions	N/K	27 January, 19:40 - 19:47
		Heard 4 bursts	HMG	27 January, 19:48
		Heard 3 undetermined explosions	N/K	27 January, 20:40-20:45
		Heard 2 undetermined explosions		27 January, 21:35-21:39
		Heard 1 burst	HMG	27 January, 21:40

		Heard 6 undetermined explosions	N/K	27 January, 21:42-21:50	
Bohdanivka (government-controlled, 69km N of Donetsk)	10km NNE	Heard 1 undetermined explosion (assessed as a live-fire training exercise outside the security zone)	N/K	28 January, 11:25	
SMM camera in Shyrokyne (20km E of Mariupol)	N/K NNE	Recorded 20 tracers from W to E	N/K	27 January, 18:31-18:32	
		Recorded 30 tracers from W to E		27 January, 18:37-18:38	
		Recorded 4 tracers from E to W		27 January, 19:19-19:20	
		Recorded 2 tracers from E to W		27 January, 19:25-19:26	
	N/K NE	Recorded 1 undetermined explosion		27 January, 20:33	
		Recorded 1 undetermined explosion		27 January, 20:36	
		Recorded 11 undetermined explosions		27 January, 21:13-21:14	
		Recorded 3 tracers from E to W		27 January, 21:13-21:14	
		Recorded 6 undetermined explosions		27 January, 21:19-21:21	
		Recorded 5 undetermined explosions		27 January, 21:26-21:40	
		Recorded 4 undetermined explosions		27 January, 21:40-22:00	
		Recorded 18 tracers from W to E			
		Recorded 1 illumination vertical flare		27 January, 21:59-22:00	
		Recorded 14 tracers from W to E			
	Recorded 59 tracers from W to E	Anti-aircraft cannon (ZU-23, 23mm)		27 January, 21:59-22:01	
	N/K N and NNE	Recorded 1 undetermined explosion		N/K	27 January, 23:24
		Recorded 1 undetermined explosion			27 January, 23:27
		Recorded 1 burst of tracers from W to E			27 January, 23:34
		Recorded 1 tracer from W to E			27 January, 23:36
		Recorded 1 tracer from W to E			27 January, 23:36
		Recorded 1 tracer from W to E			27 January, 23:51
		Recorded 1 tracer from W to E			28 January, 00:06
		Recorded 14 tracers from W to E			28 January, 00:30
		Recorded 1 tracer from W to E			28 January, 01:54
		Recorded 2 tracers from W to E			28 January, 01:57
		Recorded 2 bursts of tracers from W to E			28 January, 02:05
		Recorded 5 tracers from W to E			28 January, 03:15
		Recorded 1 outgoing explosion followed by a rocket-assisted projectile from W to E			28 January, 03:22
		N/K N			Recorded 14 tracers from E to W
	>6km N	Recorded 23 tracers from S to N		Anti-aircraft cannon (type N/K)	
	N/K N	Recorded 4 tracers from E to W		N/K	28 January, 17:50
		Recorded 2 tracers from W to E			
N/K N	Recorded 1 undetermined explosion	N/K	28 January, 17:51-18:02		
	Recorded 30 tracers from E to W		28 January, 17:59		
	Recorded 1 undetermined explosion		28 January, 18:09-18:17		
		Recorded 44 tracers from E to W			

		Recorded 7 undetermined explosions		28 January, 18:11–18:17
		Recorded 21 tracers from W to E		28 January, 18:12–18:21
		Recorded 20 tracers from E to W		28 January, 18:19–18:25
		Recorded 2 undetermined explosions		28 January, 18:23–18:30
		Recorded 2 tracers from W to E		28 January, 18:24–18:30
		Recorded 4 tracers from E to W		28 January, 18:26–18:30
		Recorded 15 tracers from E to W		28 January, 18:26–18:30
2km SW of Shyrokyne (20km E of Mariupol)	4km N	Heard 1 undetermined explosion	N/K	28 January, 09:33-09:39
	2km NE	Heard 1 explosion (outgoing)	Mortar (type N/K)	
	2km W	Heard 1 undetermined explosion	N/K	28 January, 10:03
Mariupol city (government-controlled, 102km S of Donetsk)	N/K NE and ENE	Heard 2 undetermined explosions	N/K	27 January, 18:55–18:56
		Heard 4 undetermined explosions		27 January, 18:58–19:00
		Heard uncountable undetermined explosions		27 January, 20:00–20:15
		Heard 4 undetermined explosions		27 January, 20:04
		Heard uncountable undetermined explosions		27 January, 21:15–21:19
		Heard 4 undetermined explosions		27 January, 21:37–21:38
		Heard 23 undetermined explosions		27 January, 23:06–23:15
	N/K E	Heard 6 undetermined explosions		28 January, 17:55
Sartana (government-controlled, 15km NE of Mariupol)	4-6km N	Heard 1 undetermined explosion	N/K	28 January, 12:19
		Heard 1 undetermined explosion		28 January, 12:58
Starohnativka (government-controlled, 51km S of Donetsk)	N/K N	Heard 3 undetermined explosions	N/K	28 January, 12:45–12:55
3km NNE of Hnutove (government-controlled, 20km NE of Mariupol)	8-10km NE	Heard 1 undetermined explosion	N/K	28 January, 14:00-14:10
	8-10km S	Heard 1 undetermined explosion		
	8-10km E	Heard 1 undetermined explosion		
SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	1.9km SSE	Recorded 1 projectile from S to N (inside disengagement area)	N/K	28 January, 04:32
Katerynivka (government-controlled, 64km W of Luhansk)	3-5km NE	Heard 3 bursts (outside Zolote disengagement area)	HMG	28 January, 11:30-11:34
Krasnyi Lyman (“LPR”-controlled, 30km NW of Luhansk)	1km N	Heard 1 shot	Small arms	28 January, 11:33
1.6km SE of Novokyivka (“LPR”-controlled, 25km E of Luhansk)	2-3km WNW	Heard 12 shots	Small arms	28 January, 12:05
Park Inn Hotel	3-5km NNW	Heard 5 undetermined explosions	N/K	28 January, 22:41

("DPR"-controlled, Donetsk)		Heard 1 undetermined explosion		28 January, 22:42
		Heard 1 undetermined explosion		28 January, 23:08
	5-6km WNW	Heard 1 undetermined explosion		28 January, 23:57
		Heard 1 undetermined explosion		28 January, 23:58
		Heard 1 undetermined explosion		29 January, 04:01
	8-12km NW	Heard uncountable undetermined explosions		29 January, 04:40-06:25
SMM camera at Oktiabr mine (9km NW of Donetsk)	3-5km WNW	Recorded 1 undetermined explosion	N/K	28 January, 22:42
		Recorded 1 illumination flare in vertical flight		28 January, 23:06
		Recorded 1 illumination flare in vertical flight		28 January, 23:15
		Recorded 1 illumination flare in vertical flight		28 January, 23:45
		Recorded 1 illumination flare in vertical flight		28 January, 23:48
		Recorded 1 illumination flare in vertical flight		28 January, 23:55
		Recorded 6 undetermined explosions		28 January, 23:55-23:56
		Recorded 19 undetermined explosions		28 January, 23:57
		Recorded 3 undetermined explosions		28 January, 23:58
		Recorded 1 tracer from S to N		29 January, 03:52
		Recorded 3 tracers from S to N		29 January, 03:53
		Recorded 2 tracers from S to N		29 January, 03:54
	Recorded 1 illumination flare in flight	29 January, 04:36		
	6-9km NE	Recorded uncountable number of tracers, projectiles and undetermined explosions due to intense fighting		29 January, 04:40-06:25
	6-10km NE	Recorded 1 undetermined explosion		29 January, 06:42
	6-7 km, NE	Recorded 1 air burst		29 January, 08:15
	7-10 km, NE	Recorded 1 undetermined explosion		29 January, 09:43
		Recorded 1 undetermined explosion		29 January, 09:48
Recorded 1 undetermined explosion		29 January, 10:39		
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-6km SSE	Recorded 15 projectiles from NW to SE	N/K	29 January, 04:44
		Recorded uncountable tracers and projectiles in flight (trajectories not assessed), and uncountable undetermined explosions		29 January, 04:44-06:25
	4-6km SE	Recorded 1 undetermined explosion		29 January, 06:35
		Recorded 1 undetermined explosion		29 January, 06:37
		Recorded 2 undetermined explosions		29 January, 06:41
		Recorded 1 undetermined explosion		29 January, 06:50
	4-5km ESE	Recorded 1 undetermined explosion		29 January, 07:03
		Recorded 1 undetermined explosion		29 January, 07:14
		Recorded 12 undetermined explosions		29 January, 07:18-07:20
		Recorded 1 undetermined explosion		29 January, 07:34
		Recorded 1 undetermined explosion		29 January, 07:45
	4-6km ESE	Recorded 3 undetermined explosions		29 January, 08:34
		Recorded 2 undetermined explosions		29 January, 08:48
		Recorded 1 undetermined explosion		29 January, 08:50
	4-6km SE	Recorded 1 undetermined explosion		29 January, 08:53
		Recorded 1 undetermined explosion		29 January, 08:57

Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-4km SE	Heard 2 explosions (outgoing)	N/K	29 January, 08:30
	3-5km SW	Heard 3 undetermined explosions		29 January, 08:35-08:47
	2-4km SE	Heard 22 explosions (outgoing)		29 January, 08:56
	3-5km WNW	Heard 4 undetermined explosions		29 January, 08:59
	3-5km SSE	Heard 9 explosions (outgoing)		29 January, 09:05
	3-5km W	Heard 4 undetermined explosions		29 January, 09:09
	3-5km SSE	Heard 8 explosions (outgoing)		29 January, 09:12
	3-5km WNW	Heard 9 undetermined explosions		29 January, 09:16-09:30
	3-5km NNW	Heard 16 undetermined explosions		29 January, 09:21-09:30
	3-5km SSE	Heard 11 explosions (outgoing)		29 January, 09:30
	2-4km SE	Heard 3 undetermined explosions		29 January, 09:32-09:39
	3-5km W	Heard 2 undetermined explosions		29 January, 09:52
	2-4km SE	Heard 11 undetermined explosions		29 January, 09:59
	5-7km SW	Heard 2 undetermined explosions		29 January, 10:01
	5-7km W	Heard 1 undetermined explosion		29 January, 10:02
	5-7km NW	Heard 3 undetermined explosions		29 January, 10:20
	5-7km W	Heard 2 undetermined explosions		29 January, 10:29
	5km W	Heard 5 undetermined explosions		29 January, 10:31
	2km SE	Heard 10 undetermined explosions		29 January, 10:36
	2-4km SE	Heard 14 explosions (outgoing)		29 January, 10:52-10:55
	3-5km NW	Heard 1 undetermined explosion		29 January, 11:03-11:20
	1-3km SE	Heard 16 undetermined explosions		29 January, 11:06
		Heard 33 undetermined explosions		29 January, 11:10
	3-5km WNW	Heard 6 undetermined explosions		29 January, 11:28
	3-5km SW	Heard 2 explosions (outgoing)		29 January, 11:30
	3-5km NW	Heard 2 undetermined explosions		29 January, 11:33
	3-5km SW	Heard 1 explosion (outgoing)		29 January, 11:36-11:38
	4-6km NW	Heard 1 undetermined explosion		29 January, 11:39
	3-5km SW	Heard 2 explosions (outgoing)		29 January, 11:42
	4-6km W	Heard 1 undetermined explosion		29 January, 11:45-11:59
	3-5km SW	Heard 5 explosions (outgoing)		29 January, 12:02-12:28
	4-6km W	Heard 2 undetermined explosions		29 January, 13:03
	3-5km SW	Heard 2 explosions (outgoing)		29 January, 13:16
	4-6km W	Heard 1 undetermined explosion		29 January, 13:21-13:30
	3-5km SW	Heard 7 explosions (outgoing)		29 January, 13:31
		Heard 10 undetermined explosions		29 January, 13:35-13:36
	2km W	Heard 15 undetermined explosions		29 January, 13:37
	3-5km S	Heard 16 undetermined explosions		29 January, 13:48-13:50
	3-5km WNW	Heard 19 undetermined explosions		
	1-3km SE	Heard 8 explosions (outgoing)		
2-4km SSW	Heard 12 explosions (outgoing)			
2-4km SSW	Heard 3 undetermined explosions			
2-4km SSE	Heard 6 undetermined explosions			
2-4km SSW	Heard 2 undetermined explosions			
2-4km SSE	Heard 6 undetermined explosions			

	3-5km SW	Heard 2 undetermined explosions		29 January, 13:53
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk)	2-3km NE	Heard 8 undetermined explosions	N/K	29 January, 08:40
		Heard 6 undetermined explosions		29 January, 08:45
		Heard 10 undetermined explosions		29 January, 08:47
		Heard 6 undetermined explosions		29 January, 08:49
		Heard 18 undetermined explosions		29 January, 08:50
		Heard 11 undetermined explosions		29 January, 08:51
		Heard 9 undetermined explosions		29 January, 08:52
		Heard 16 undetermined explosions		29 January, 08:53
		Heard 6 undetermined explosions		29 January, 08:55
		Heard 11 undetermined explosions		29 January, 08:56
		Heard uncountable undetermined explosions		29 January, 08:56-08:58
		Heard uncountable bursts		
		Heard 13 undetermined explosions		
	3-4km N	Heard 12 undetermined explosions	N/K	29 January, 09:00-09:15
	4-5km NE	Heard 49 undetermined explosions		
	4-5km N	Heard 29 bursts	HMG	29 January, 09:06-09:15
	3-5km NE	Heard 32 undetermined explosions	N/K	29 January, 09:14-09:28
	3-5km N	Heard 74 undetermined explosions		
		Heard uncountable bursts	Small arms	29 January, 09:15-09:27
		Heard 10 bursts	HMG	29 January, 09:22
		Heard 9 bursts		29 January, 09:23
		Heard 7 bursts		29 January, 09:27
	4-6km NNE	Heard 134 undetermined explosions	N/K	29 January, 09:29-09:44
	2-3km NNE	Heard 9 undetermined explosions		29 January, 09:45
		Heard 5 undetermined explosions		29 January, 09:46
		Heard 3 undetermined explosions		29 January, 09:47
		Heard 10 undetermined explosions		29 January, 09:49
		Heard 4 undetermined explosions		29 January, 09:50
		Heard 9 undetermined explosions		29 January, 09:51
		Heard 3 undetermined explosions		29 January, 09:52
		Heard uncountable undetermined explosions		29 January, 09:56-09:58
		Heard uncountable bursts		
	Heard 10 undetermined explosions			29 January, 09:59
Heard 4 undetermined explosions	N/K	29 January, 10:00		
4-5km NE	Heard 29 undetermined explosions	HMG		29 January, 10:00-10:05
	Heard 14 bursts			
3-4km NE	Heard 22 shots	Small arms		
4-5km NE	Heard 21 undetermined explosions	N/K	29 January, 10:07-10:09	
	Heard 18 bursts	HMG		
	Heard 39 undetermined explosions	N/K		
3-4km NE	Heard 11 shots	Small arms	29 January, 10:12-10:15	
4-5km NE	Heard 17 bursts	HMG		
4-6km NNE	Heard 47 undetermined explosions	N/K	29 January, 10:22-10:31	
	Heard uncountable bursts	Small arms		
4-7km NE	Heard 1 undetermined explosion	N/K	29 January, 10:25	
	Heard 3 undetermined explosions		29 January, 10:27	
3-7km NNE	Heard 142 undetermined explosions		29 January, 10:30-	

		Heard uncountable bursts	Small arms	10:45
		Heard uncountable bursts	HMG	
		Heard uncountable explosions (impacts)	AGL	
	2-3km NNE	Heard 8 undetermined explosions	N/K	29 January, 10:45
Heard 7 bursts		Small arms		
Heard 7 undetermined explosions		N/K	29 January, 10:46	
Heard 10 bursts		HMG	29 January, 10:46	
Heard 12 undetermined explosions		N/K	29 January, 10:47	
Heard 12 bursts		HMG		
Heard 8 undetermined explosions		N/K	29 January, 10:48	
Heard uncountable bursts		Small arms		
Heard 5 undetermined explosions		N/K	29 January, 10:49	
Heard 20 bursts		Small arms		
Heard 8 undetermined explosions		N/K	29 January, 10:50	
Heard 6 bursts		HMG		
Heard 10 undetermined explosions		N/K	29 January, 10:51-10:52	
Heard uncountable bursts		Small arms		
Heard 12 undetermined explosions		N/K	29 January, 10:53	
Heard 7 undetermined explosions			29 January, 10:55	
Heard uncountable undetermined explosions			29 January, 10:56-10:57	
Heard uncountable bursts		Small arms	29 January, 10:58-10:59	
Heard 26 undetermined explosions		N/K		
4-5km NE		Heard 12 undetermined explosions	HMG	29 January, 11:00
	Heard 5 bursts			
2-3km NE	Heard 6 undetermined explosions	N/K	29 January, 11:04	
2-3km NW	Heard 5 undetermined explosions			
4-5km NE	Heard 22 undetermined explosions		HMG	29 January, 11:05-11:06
	Heard 7 bursts	29 January, 11:07		
	Heard 42 undetermined explosions	N/K	29 January, 11:09-11:15	
4-6km NNE	Heard 79 undetermined explosions	Small arms	29 January, 11:15-11:31	
	Heard uncountable bursts			
2-3km W	Heard 5 undetermined explosions	N/K	29 January, 11:16	
6-10km NNW	Heard 2 undetermined explosions		29 January, 11:17	
	Heard 2 undetermined explosions		29 January, 11:20-11:21	
	Heard 4 undetermined explosions		29 January, 11:24-11:26	
2-3km W	Heard 4 undetermined explosions		29 January, 11:27	
4-7km NNE	Heard 17 undetermined explosions		29 January, 11:30-11:39	
1-2km NNE	Heard 4 undetermined explosions		29 January, 11:40	
4-7km NNE	Heard 10 undetermined explosions		Small arms	29 January, 11:41-11:45
	Heard uncountable bursts			
	Heard uncountable bursts			
	Heard uncountable explosions (impacts)			
2-3km NNE	Heard 13 undetermined explosions	N/K	29 January, 11:46	
	Heard 5 undetermined explosions		29 January, 11:47	
	Heard 7 undetermined explosions		29 January, 11:48	
	Heard uncountable bursts	Small arms		

		Heard 5 undetermined explosions	N/K	29 January, 11:49
		Heard 12 undetermined explosions		Small arms
		Heard uncountable bursts	N/K	
		Heard 5 undetermined explosions		Small arms
		Heard 6 undetermined explosions	N/K	
		Heard uncountable bursts		Small arms
		Heard 7 undetermined explosions	N/K	
		Heard 11 undetermined explosions		Small arms
		Heard uncountable bursts	N/K	
	3-5km NE	Heard 56 undetermined explosions		HMG
	4-5km NE	Heard 30 bursts	Small arms	
	4-6km NNE	Heard 44 undetermined explosions		N/K
		Heard uncountable bursts	Small arms	
		Heard uncountable bursts		N/K
		Heard 50 undetermined explosions	Small arms	
		Heard uncountable bursts		N/K
		Heard uncountable bursts	Small arms	
	4-7km NNE	Heard 32 undetermined explosions		N/K
		Heard uncountable bursts	Small arms	
	2-3km NNE	Heard 9 undetermined explosions		N/K
		Heard 6 undetermined explosions	N/K	
		Heard uncountable bursts		Small arms
		Heard 4 undetermined explosions	N/K	
		Heard 6 undetermined explosions		Small arms
Heard 3 undetermined explosions		N/K	29 January, 12:56	
Heard 3 undetermined explosions			Small arms	29 January, 12:56
Heard uncountable bursts		N/K		29 January, 09:55-10:25
Heard uncountable bursts			HMG	29 January, 10:30-11:05
Heard uncountable bursts	Small arms	29 January, 11:10-11:40		
2-5km ESE		Heard 85 undetermined explosions	N/K	29 January, 11:45-12:45
	Heard 51 undetermined explosions	29 January, 13:10-14:11		
	Heard 61 undetermined explosions	N/K		29 January, 18:31-18:32
	Heard 61 undetermined explosions			Small arms
Vodiane (government-controlled, 42km SW of Donetsk)	8-10km NE	Heard 5 undetermined explosions	N/K	29 January, 09:27
Svitlodarsk (government-controlled, 57km NE of Donetsk)	7-12km E	Heard 4 bursts	HMG	28 January, 20:29
	5-7km SE	Heard 7 bursts		Small arms
		Heard 6 single shots		
SMM camera in Shyrokyne (20km E of Mariupol)	N/K N	Recorded 1 undetermined explosion	N/K	28 January, 18:31-18:32
		Recorded 5 tracers from W to E		28 January, 18:31-18:32
		Recorded 14 tracers from E to W		28 January, 18:31-18:32

		Recorded 3 tracers from S to N		28 January, 18:31-18:32
		Recorded 7 tracers from E to W		28 January, 18:32-18:33
		Recorded 15 tracers from E to W		28 January, 18:34-18:37
		Recorded 1 tracer from E to W		28 January, 18:34-18:37
		Recorded 5 tracers from S to N		28 January, 18:34-18:37
		Recorded 1 tracer from W to E		28 January, 18:34-18:37
		Recorded 11 tracers from E to W		28 January, 18:39-18:48
		Recorded 2 tracers from W to E		28 January, 18:39-18:48
		Recorded 1 tracer from E to W		28 January, 18:39-18:48
		Recorded 1 tracer from W to E		28 January, 18:50
		Recorded 1 undetermined explosion		28 January, 18:54
		Recorded 4 tracers from W to E		28 January, 19:07-19:08
		Recorded 3 tracers from E to W		28 January, 19:35
		Recorded 53 undetermined explosions		28 January, 19:40-20:28
		Recorded 1 illumination flare in vertical flight		28 January, 19:43
		Recorded 3 tracers from E to W		28 January, 20:37
		Recorded 15 tracers from E to W		28 January, 20:48
		Recorded 10 tracers from E to W		28 January, 21:07
		Recorded 1 tracer from S to N		28 January, 21:48
		Recorded 4 tracers from E to W		28 January, 21:48
	N/K NNE	Recorded 11 tracers from W to E	29 January, 05:53	
		Recorded 1 undetermined explosion	29 January, 06:00	
Novohnativka (government-controlled, 40km S of Donetsk)	N/K NW	Heard 3 undetermined explosions	N/K	29 January, 11:45
	N/K NE	Heard 5 undetermined explosions		29 January, 14:25-14:28
Aslanove (government-controlled, 16km N of Mariupol)	4km E	Heard 1 undetermined explosion	N/K	29 January, 12:15
		Heard 1 undetermined explosion		29 January, 12:48
		Heard 3 undetermined explosion		29 January, 13:13-13:21
3km E	Heard 4 shots	Small arms	29 January, 13:15	
1.9km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	N/K NE	Heard 5 undetermined explosions (outside disengagement area)	N/K	29 January, 14:25-14:28
Raivka ("LPR"-controlled, 16km NW of Luhansk)	12-15km NW	Heard 40 undetermined explosions	Artillery (type N/K)	29 January, 11:00-11:10
Donetskyi ("LPR"-controlled, 49km W of Luhansk)	3km NE	Heard 1 undetermined explosion	N/K	29 January, 12:02
Staryi Aidar (government-	15km SSW	Heard 24 undetermined explosions	N/K	29 January, 12:40-12:46

controlled, 20km NW of Luhansk)				
3km S of Staryi Aidar (government- controlled, 20km NW of Luhansk)	12km SSW	Heard 18 undetermined explosions	N/K	29 January, 13:10- 13:15
Lopaskyne (government- controlled, 23km NW of Luhansk)	10-15km SSW	Heard 85 undetermined explosions	Mortar (120mm)	29 January, 14:35- 14:45

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 based on recommendations of security experts from participating States.)