

Table of ceasefire violations as of 31 January 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km E	Heard 26 explosions (outgoing)	Artillery (N/K)	30 January, 18:30-18:40	
	2-3km SE	Heard 6 bursts	HMG		
	3-5km E	Heard 23 explosions (outgoing)	Artillery (N/K)	30 January, 18:41-19:00	
		Heard 31 explosions (outgoing)		30 January, 19:01-19:15	
	2-3km SE	Heard 14 bursts	HMG	30 January, 19:16-19:25	
		Heard 17 bursts			
	3-5km E	Heard 14 explosions (outgoing)	Artillery (N/K)	30 January, 19:55-20:10	
		Heard 10 explosions (impacts)			
		Heard 12 explosions (outgoing)		30 January, 20:11-20:35	
		Heard 18 explosions (impacts)			
	2-3km SE	Heard 7 bursts	HMG	30 January, 20:54-20:58	
	3-5km NE	Heard 26 undetermined explosions	N/K	31 January, 10:23-11:23	
		Heard 1 burst	HMG	31 January, 10:30	
	2-3km NE	Heard 1 outgoing explosion	N/K	31 January, 16:00-16:02	
	6km NE	Heard 66 undetermined explosions		31 January, 16:14-16:55	
	3-4km NE	Heard 4 outgoing explosions		31 January, 17:10	
		Heard 4 undetermined explosions		31 January, 17:45-18:20	
Heard 1 explosion (outgoing)					
	Heard 22 bursts	HMG			
Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	6-8km WNW	Heard 13 undetermined explosions	N/K	30 January, 18:35-18:45	
	5-7km WNW	Heard 39 undetermined explosions		30 January 18:49-19:00	
	5-7km WNW	Heard 48 undetermined explosions		30 January, 19:05-19:11	
	6-8km WNW	Heard 27 undetermined explosions		30 January, 19:15-19:20	
	5-7km WNW	Heard 15 undetermined explosions		30 January, 19:38-19:44	
		Heard 35 undetermined explosions		30 January, 19:47-19:51	
		Heard uncountable overlapping undetermined explosions		30 January, 19:55-19:59	
	5-7km WNW	Heard 1 undetermined explosion		30 January, 20:04	
	6-8km WNW	Heard 12 undetermined explosions		30 January, 20:04	
	6-8km WNW	Heard 20 undetermined explosions		30 January, 20:14	
	5-7km WNW	Heard 22 undetermined explosions		30 January, 20:18	
	2-3km WNW	Heard 3 bursts		HMG	30 January, 20:25
	5-7km WNW	Heard 5 undetermined explosions		N/K	30 January, 20:26
	6-8km WNW	Heard 10 undetermined explosions	30 January, 20:32		
	7-9km WNW	Heard 11 undetermined explosions	30 January, 20:38		
		Heard 1 undetermined explosion	30 January, 20:55		
		Heard 15 undetermined explosions	30 January, 22:59		
		Heard 5 undetermined explosions	30 January, 23:00		
		Heard 7 undetermined explosions	30 January, 23:01-23:03		
SMM camera at Oktiabr mine (9km	Recorded 14 undetermined explosions		30 January, 18:38		

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.

NW of Donetsk)	6-10km NE	Recorded 21 undetermined explosions	N/K	30 January, 19:07- 19:12
		Recorded 2 undetermined projectile in flight from SE to NW		30 January, 19:13
		Recorded 7 undetermined explosions		
		Recorded 5 undetermined explosions		
		Recorded 2 undetermined projectiles in flight from WNW to ESE		30 January, 19:15- 19:18
		Recorded 4 undetermined projectiles in flight from SE to NW		
		Recorded 1 undetermined projectile in flight from NW to SE		
		Recorded 11 undetermined projectiles in flight from SE to NW		30 January, 19:19- 19:20
		Recorded 10 undetermined explosions		
		Recorded 2 undetermined projectiles in flight from SE to NW		30 January, 19:21 -19:22
		Recorded 5 undetermined explosions		
		Recorded 24 undetermined explosions		
		Recorded 3 undetermined projectiles in flight from SE to NW		30 January, 19:23- 19:27
		Recorded 1 undetermined projectile in flight from NW to SE		
		Recorded 7 undetermined explosions		30 January, 19:30 -19:34
		Recorded 1 undetermined projectile in flight from NW to SE		
		Recorded 3 undetermined projectiles in flight from SE to NW		30 January, 19:38- 19:41
		Recorded 1 undetermined explosion		
		Recorded 1 undetermined projectile in flight from WNW to ESE		30 January, 19:46
		Recorded 1 undetermined projectile in flight from WNW to ESE		30 January, 19:48
	Recorded 2 undetermined projectiles in flight from NW to SE			
	Recorded 1 undetermined explosion			
	Recorded 1 undetermined projectile in flight from NW to SE	30 January, 19:54		
	6-10km NE	Recorded 1 undetermined explosion		30 January, 19:58
		Recorded 1 undetermined projectile in flight from NW to SE		30 January, 19:59
		Recorded 10 undetermined explosions		30 January, 20:03
		Recorded 1 undetermined projectiles in flight from SE to NW		30 January, 20:06
		Recorded 4 undetermined explosions		30 January, 20:07- 20:11
		Recorded 1 undetermined projectile in flight from NW to SE		30 January, 20:13
		Recorded 9 undetermined explosions		30 January, 20:14- 20:17
		Recorded 1 undetermined projectile in flight from SE to NW		30 January, 20:32
		Recorded 1 undetermined explosion		30 January, 20:34

		Recorded 1 undetermined projectile in flight from ESE to WNW		30 January, 20:34
		Recorded 2 undetermined projectiles in flight from SE to NW		30 January, 20:45
		Recorded 1 undetermined projectiles in flight from ESE to WNW		30 January, 20:50
		Recorded 1 undetermined explosion		30 January, 20:57
		Recorded 1 undetermined projectile in flight from NW to SE		30 January, 21:10
		Recorded 1 undetermined projectile in flight from SE to NW		30 January, 21:10
		Recorded 1 undetermined explosion		30 January, 21:17
		Recorded 30 undetermined projectiles in flight from NW to SE		30 January, 22:41
		Recorded 1 undetermined explosion		30 January, 22:48
		Recorded 1 undetermined explosion		30 January, 23:08
		Recorded 30 undetermined projectiles in flight from WNW to ESE		30 January, 23:37
		Recorded 1 undetermined projectile in flight from WNW to ESE		30 January, 23:50
		Recorded 2 illumination flares in vertical flight		30 January, 23:50
		Recorded 1 undetermined explosion		31 January, 00:01
		Recorded 1 illumination flare in vertical flight		31 January, 00:11
	6-10km NE	N/K	Recorded 5 undetermined explosions	31 January, 01:07-01:26
			Recorded 20 undetermined explosions	31 January, 02:06
			Recorded 3 undetermined explosions	31 January, 02:32
			Recorded 1 undetermined explosion	31 January, 02:33
			Recorded 30 undetermined projectiles in flight from WNW to ESE	31 January, 02:39
			Recorded 9 undetermined explosions	31 January, 02:40-02:49
			Recorded 1 illumination flare in vertical flight	31 January, 02:50
			Recorded 30 undetermined projectiles in flight from ESE to WNW	31 January, 03:13
			Recorded 12 undetermined explosions	31 January, 03:45 -03:52
			Recorded 1 undetermined projectile in flight from WNW to ESE	31 January, 03:54
			Recorded 1 undetermined explosion	31 January, 03:55
			Recorded 4 undetermined projectiles in flight from NW to SE	31 January, 03:56
Recorded 3 undetermined projectiles in flight from ESE to WNW	31 January, 03:56			
Recorded 10 undetermined explosions	31 January, 04:18 - 04:23			
Recorded 12 undetermined explosions	31 January, 06:04 - 06:27			
Recorded 31 undetermined projectiles in flight from WNW to ESE				

		Recorded 6 undetermined projectiles in flight from ESE to WNW				
	4-5km NNE	Recorded 62 undetermined explosions	N/K	31 January, 06:32-07:38		
		Recorded 1 airburst		31 January, 07:39		
		Recorded 1 undetermined explosion		31 January, 07:41		
SMM camera at Oktiabr mine (9km NW of Donetsk)	4-6km NNE	Recorded 29 undetermined explosion	N/K	31 January, 08:05-08:44		
		Recorded 1 undetermined explosion		31 January, 08:45		
		Recorded 1 airburst		31 January, 08:46-08:54		
		Recorded 4 undetermined explosions		31 January, 08:54		
		Recorded 1 airburst		31 January, 08:55-09:00		
		Recorded 7 undetermined explosions		31 January, 09:01-09:03		
	4-5km NNE	Recorded 4 undetermined explosions		31 January, 09:04		
		Recorded 1 airburst		31 January, 09:05-09:07		
		Recorded 20 undetermined explosions		31 January, 09:07		
		Recorded 1 airburst		31 January, 09:08-10:14		
		Recorded 46 undetermined explosions		31 January, 10:31-11:36		
		Recorded 45 undetermined explosions		31 January, 11:46-12:39		
		Recorded 17 undetermined explosions		31 January, 12:40		
		Recorded 3 undetermined explosions		31 January, 12:41-12:44		
		Recorded 1 airburst		31 January, 12:48		
		Recorded 9 undetermined explosions		31 January, 12:51-13:54		
		Recorded 1 airburst		31 January, 14:56		
		Recorded 12 undetermined explosions		31 January, 15:11-15:21		
		Recorded 1 airburst		31 January, 15:22-15:32		
		Recorded 16 undetermined explosions		31 January, 15:33-15:46		
		6-8km NNE		Recorded 22 undetermined explosion	31 January, 15:47	
				Recorded 1 airburst	31 January, 15:48-16:21	
				Recorded 23 undetermined explosions		
		"DPR"-controlled, Donetsk city centre		5-10km NW	Heard 47 undetermined explosion	N/K
	5-10km NNW			Heard 11 undetermined explosions	30 January, 23:35-31 January, 00:26	
				Heard 1 undetermined explosion	31 January, 00:43	
	5-10km NW			Heard 5 undetermined explosion	31 January, 01:08	
Heard 15 undetermined explosion			31 January, 01:12-01:49			
5-7km SSW	Heard 34 undetermined explosion		31 January, 02:06			
5-10km NNW	Heard 15 undetermined explosions		31 January, 02:26-02:44			
5-10km NW	Heard 6 undetermined explosion		31 January, 02:46-02:50			
5-10km NNW	Heard 24 undetermined explosions		31 January, 03:49 – 04:01			
5-10km NW	Heard 46 undetermined explosions		31 January, 04:02-04:03			
5-10km NNW	Heard 25 undetermined explosions	31 January, 04:14 - 04:25				

	5-10km NW	Heard 75 undetermined explosions		31 January, 05:00 - 05:10	
	5-10km NNW	Heard 25 undetermined explosions		31 January, 05:11 - 05:30	
	5-10km NW	Heard 50 undetermined explosions		31 January, 05:31 - 05:50	
	5-10km NNW	Heard 64 undetermined explosions		31 January, 05:50 - 06:30	
SMM camera in Shyrokyne (20km E of Mariupol)	N/K, N	Recorded 2 tracers from W to E	N/K	30 January, 18:57	
		Recorded 2 tracers from W to E		30 January, 19:13	
		Recorded 5 tracers from E to W		30 January, 19:14	
		Recorded 3 tracers from E to W		30 January, 19:27	
		Recorded 1 explosion (outgoing)		30 January, 19:37	
		Recorded 1 tracer from W to E		30 January, 19:38	
		Recorded 1 tracer from W to E		30 January, 19:39	
		Recorded 3 tracers from W to E		30 January, 19:39	
		Recorded 1 tracer from SW to NE		30 January, 19:40	
		Recorded 5 tracers from E to W		30 January, 19:42	
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	8-10km SW	Heard 8 undetermined explosions	N/K	30 January, 19:10-19:22	
	8-10km NW	Heard 3 undetermined explosions		30 January, 19:28	
		Heard 5 undetermined explosions		30 January, 19:55	
	4-5km NW	Heard 1 undetermined explosion		30 January, 19:57	
	15-20km SW	Saw 32 airbursts		30 January, 20:00	
	8-10km SW	Heard 9 undetermined explosions	HMG	30 January, 20:05	
		Heard 12 bursts			
	8-10km NW	Heard 2 undetermined explosions	N/K	30 January, 20:08	
	8-10km SW	Heard 4 bursts	HMG	30 January, 20:10	
		Heard 4 undetermined explosions	N/K		
		Heard 2 undetermined explosions	HMG		
		Heard 2 bursts			
	8-10km SW	Heard 1 undetermined explosion	N/K	30 January, 20:15	
		Heard 3 bursts	HMG	30 January, 20:17	
		Heard 2 undetermined explosions	N/K	30 January, 20:20	
	8-10km SW	Heard 4 bursts	HMG	30 January, 20:25	
		8-10km NW	Heard 2 undetermined explosions	N/K	30 January, 20:27
			Heard 2 undetermined explosions		30 January, 20:45
	8-10km SW	Saw 20 airbursts	30 January, 20:50		
		Saw 10 airbursts	30 January, 21:00		
	4-5km SW	Heard 23 undetermined explosions	N/K	31 January, 04:16-04:25	
	10-15km SW-SSE	Heard 35 undetermined explosions		31 January, 04:35-04:50	
	8-9km S	Heard 2 undetermined explosions	N/K	31 January, 10:07	
	8-10km SW	Heard 2 undetermined explosions		31 January, 11:25-11:26	
	N/K SSW (Avdiivka area)	Heard 190 undetermined explosions		31 January, 13:50-15:00	
	20km SW, SSE	Heard approximately 50 undetermined explosions	Artillery (N/K type)	31 January, 15:45-16:00	
		Heard approximately 1800 outgoing explosions	MLRS (N/K type)		
	20km SW	Heard 103 undetermined explosions	Artillery (N/K type)	31 January, 16:00-17:00	
		Heard 840 explosions	MLRS (N/K type)		
	20km SW	Heard 15 undetermined explosions	Artillery (N/K type)	31 January, 17:00-17:30	
Heard approximately 840 outgoing explosions		MLRS (N/K type)			
Heard 17 undetermined explosions		Artillery (N/K type)	31 January, 17:30-18:00		

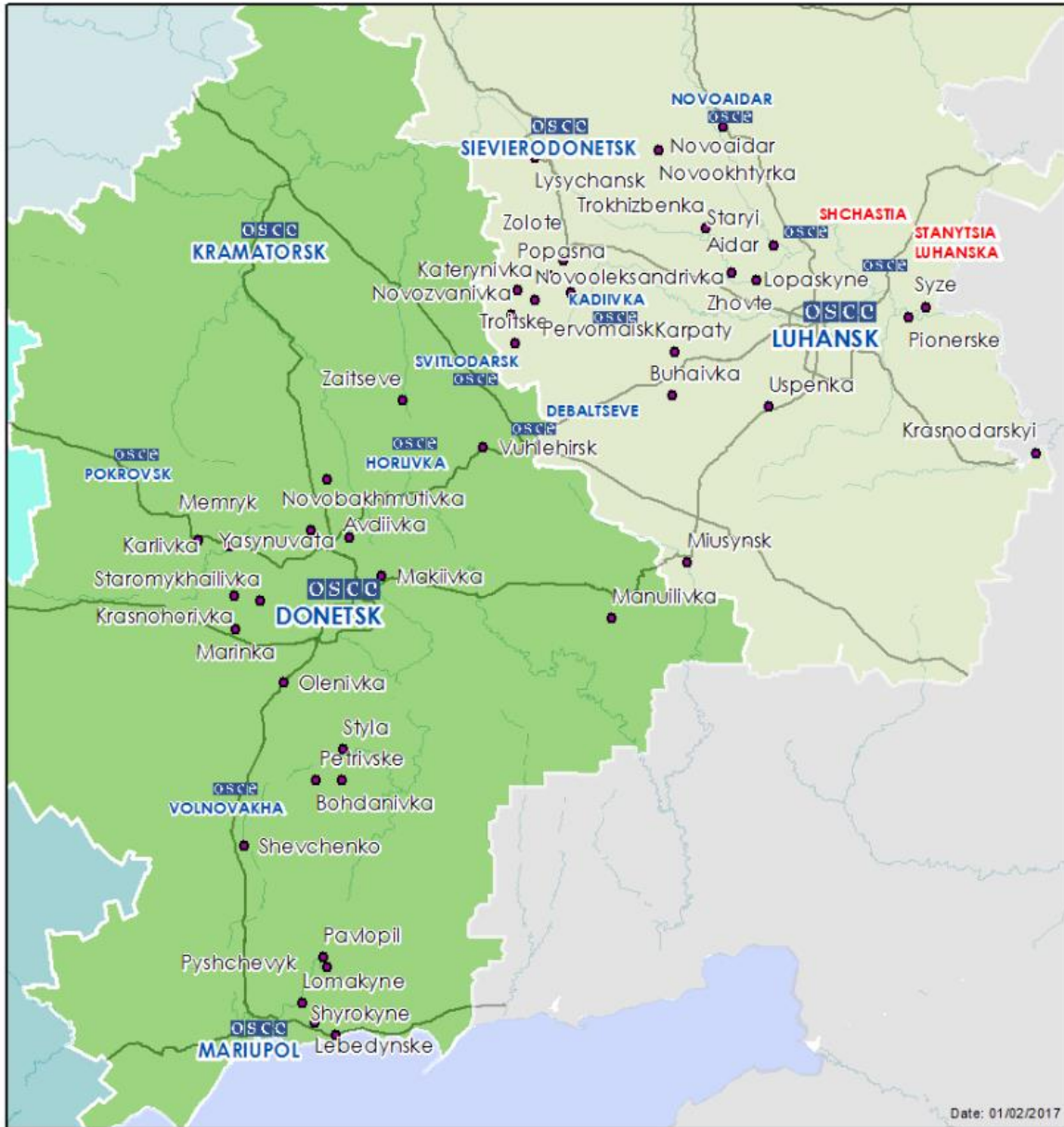
		Heard approximately 960 outgoing explosions		
	6km NW	Heard approximately 120 explosions (impacts)	MLRS (N/K type)	31 January, 18:00
Mariupol city (government-controlled, 102km south of Donetsk)	N/K E	Heard 44 undetermined explosions	N/K	30 January, 22:25 -22:48
	N/K ENE	Heard 3 undetermined explosions		31 January, 15:20
	N/K E	Heard 19 undetermined explosions		31 January, 17:25-18:05
Eastern side of Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	3-8km SSE	Heard 40 explosions (outgoing)	N/K	31 January, 08:58-09:17
	10-12km NW	Heard 40 explosions (impact)		
	5-9km SSW	Heard 21 undetermined explosions		
	3-5km SSE	Heard 16 explosions (outgoing)	N/K	31 January, 09:17-09:35
	5-9km SW	Heard 11 undetermined explosions		
	3-5km SSW	Heard 6 shots	AGL	
	4-6km W	Heard 10 shots	HMG	
	4-5km S	Heard 4 explosions (outgoing)	N/K	31 January, 09:35-10:05
	3-5km NW	Heard 20 undetermined explosions		
	3-5km S	Heard 29 undetermined explosions		
	4-6km W	Heard 41 undetermined explosions		
	8-10km WNW	Heard 5 undetermined explosions		
	4-6km W	Heard 5 bursts	HMG	31 January, 10:05
	7-9km W	Heard 4 undetermined explosions		
	4-6km NW	Heard 4 explosions (outgoing)	N/K	31 January, 10:09-10:15
	3-7km S	Heard 24 explosions (outgoing)		
	6-10km NE	Heard 35 undetermined explosions		
	3-5km S	Heard 133 undetermined explosions		
	4-6km W	Heard 12 undetermined explosions		
	5-7km SSW	Heard 20 explosions (outgoing)	MLRS (type N/K)	31 January, 10:21-10:30
	5-7km NW	Heard 9 undetermined explosions	N/K	31 January, 10:30
	7-9km W	Heard 15 undetermined explosions		
	8-10km N	Heard 1 undetermined explosion		
	3-5km S	Heard 15 undetermined explosions		
	4-6km W	Heard 46 undetermined explosions		
	4-6km W	Heard 46 undetermined explosions		
	4-6km SSW	Heard 5 explosions (outgoing)		
	5-7km W	Heard 9 undetermined explosions		
	7-9km NW	Heard 4 undetermined explosions		
	4-6km W	Heard 21 undetermined explosions		
	4-6km WNW	Heard 7 undetermined explosions		
	3-5km WSW	Heard 2 undetermined explosions		
	7-9km NW	Heard 5 undetermined explosions		
	8-10km S	Heard 1 salvo (15-20 rockets)		
	8-12km WSW	Heard 15-20 explosions (impacts) (assessed as the same as above)		
	8-10km S	Heard 1 salvo (15-20 rockets)		
	8-12km WSW	Heard 15-20 explosions (impacts) (assessed as the same as above)		
	8-10km S	Heard 1 salvo (15-20 rockets)		
	8-12km WSW	Heard 15-20 explosions (impacts) (assessed as the same as above)		
	5-8km WSW	Heard 2 undetermined explosions		MLRS (type N/K)
3-4km S	Heard 22 explosions (outgoing) from S to N	N/K	31 January, 14:00	
4-8km W	Heard 26 undetermined explosions			
Avdiivka (government-controlled, 17km NW of Donetsk)	1-5km E	Heard 800 undetermined explosions	N/K	31 January, 14:02
	1-5km SE	Heard 463 undetermined explosions		
	1-5km ESE	Heard 478 undetermined explosions		
	3.5-4km ESE	Heard 256 undetermined explosions		
				31 January, 14:07
				31 January, 14:20
				31 January, 14:25
				31 January, 14:25
				31 January, 14:27
				31 January, 14:29
				31 January, 14:30
				31 January, 14:31
				31 January, 15:07
				31 January, 15:17
				31 January, 15:28

	3.5-4km ESE	Heard 196 explosions (impacts)	MLRS (type N/K)	31 January, 14:00-14:30
	3.5-4km ESE	Heard 250 undetermined explosions	N/K	31 January, 15:15-15:45
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Recorded 1 undetermined explosion	N/K	31 January, 13:39-13:57
	2-4km ESE	Recorded 1 undetermined explosion		
	2-4km SE	Recorded 1 undetermined explosion		31 January, 14:07
		Recorded 2 undetermined explosions		31 January, 14:08
		Recorded 2 undetermined explosions		31 January, 14:16
		Recorded 1 undetermined explosion		31 January, 14:28
		Recorded 1 undetermined explosion		
		Recorded 1 airburst		
Recorded 44 undetermined explosions	31 January, 15:25-16:30			
Krasnohorivka (government-controlled, 21km W of Donetsk)	3-15km ENE	Heard 500-600 undetermined explosions	N/K	31 January, 10:05-12:00
		Heard uncountable bursts	HMG	
1.2km SE of Lomakyne (government-controlled, 15km NE of Mariupol)	2km NE	Heard 30 undetermined explosions	Artillery (N/K type)	31 January, 09:28-09:40
	3-4km NE	Heard 2 bursts	Small arms	
2km NNE of Hnutove (government-controlled, 20km NE of Mariupol)	N/K E	Heard 1 undetermined explosion	N/K	31 January, 09:59
2km S of Donske (government controlled, 57 Km S of Donetsk)	3-5km SSE	Heard 100 single shots (assessed to be training)	Small arms	31 January 10:02 – 10:25
2km ENE of Bohdanivka (government controlled, 41km S of Donetsk)	N/K E (assessed as a training area)	Heard 12 undetermined explosions	N/K	31 January, 10:25-10:32
		Heard 1 bursts	HMG or cannon (30mm)	
	N/K E	Heard 1 undetermined explosion	N/K	31 January, 11:19-11:23
		Heard 12 bursts	Small arms	31 January, 11:25-11:43
		Heard more than 50 bursts	Small arms	
Heard 2 undetermined explosions	N/K	31 January 12:47 – 12:55		
1km N of Pyshevyk (government controlled, 25km NE of Mariupol)	3-4km E	Heard 14 explosions (outgoing)	N/K	31 January, 11:20-11:30
	4-5km E	Heard 14 explosions (impact)		
	2-3km E	Heard 2 bursts	Small arms	31 January, 11:36
Malohnativka (government controlled, 55km S of Donetsk)	N/K S	Heard 14 undetermined explosions	N/K	31 January 11:20 – 11:35
Pavlopil (government controlled, 26km NE of Mariupol)	N/K E	Heard 7 undetermined explosions		31 January 12:10 – 12:12
Anadol (government controlled, 39km N of Mariupol)	6-7km SE	Heard 5 undetermined explosions (assessed to be training)		31 January 13:00
Eastern side of Mariupol (government controlled, 16km NE of Mariupol)	5-10km E	Heard 25 undetermined explosions		31 January 13:15 – 13:26
Lebedynske (government controlled, 16km NE of)	3-4km ENE	Heard 10 explosions (outgoing)	Artillery	31 January 13:17 – 13:31
	3km N	Heard 10 explosions (impact)		
	3-4km N-NE	Heard 5 bursts	Small arms	

Mariupol)	3-4km NNW	Heard 4 explosions (outgoing)	AGL	31 January 13:50 – 13:52
2km SE of Lebedynske (government controlled, 16km NE of Mariupol)	2-3km N	Heard 5 explosions (outgoing)	Mortar (120mm)	
	5-6 km NE	Heard 5 explosions (impact)		
	4-5km NE	Heard 5 explosions (outgoing)		
	6-7km N	Heard 5 explosions (impact)		
SMM camera at Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	15km WSW	Recorded 2 flashes (assessed as outside the disengagement area)	N/K	29 January, 19:57
				29 January, 22:44
	0.8km SE	Recorded 1 shot (assessed as inside the disengagement area)	Small arms	30 January, 03:06
SMM camera in Zolote (60km W of Luhansk)	10-20km S	Recorded 2 undetermined explosions (assessed as outside the disengagement area)	Artillery (N/K)	29 January, 18:26
	2-5km S	Recorded 1 flare (assessed as outside the disengagement area)	N/K	29 January, 18:26
	2-5 km SSW	Recorded 1 flare (assessed as outside the disengagement area)	N/K	29 January, 18:32
	10-20km SSW	Recorded 2 undetermined explosions (assessed as outside the disengagement area)	Artillery (N/K)	29 January, 18:37
	10-20 km SSW	Recorded 1 undetermined explosion (assessed as outside the disengagement area)	Artillery (N/K)	29 January, 18:42
	5-15km SSW	Recorded 1 undetermined explosion (assessed as outside the disengagement area)	Artillery (N/K)	30 January, 00:55
	5-15km SSW	Recorded 1 undetermined explosion (assessed as outside the disengagement area)	Artillery (N/K)	30 January, 00:56
	10-20km SSE	Recorded 3 undetermined explosions (assessed as outside the disengagement area)	Artillery (N/K)	30 January, 01:00
	5-15km SSE	Recorded 2 undetermined explosions (assessed as outside the disengagement area)	Artillery (N/K)	30 January, 01:01
Zhovte (“LPR”-controlled, 17km NW of Luhansk)	15-30km WSW	Heard 50-70 undetermined explosions	N/K	31 January, 08:55-11:00
Uspenka (“LPR”-controlled, 23km SW of Luhansk)	3km SE	Heard 44 bursts (assessed as live-fire exercise)	HMG	31 January, 09:04-09:34
		Heard 12 undetermined explosions (assessed as live-fire exercise)	(N/K)	
		Heard 25 shots (assessed as live-fire exercise)	Small arms	

Novoaidar (government-controlled, 49km NW of Luhansk)	5-7km NW	Heard 7 undetermined explosions	N/K	31 January, 10:35-10:42
Trokhizbenka (government-controlled, 32km NW of Luhansk)	10-15km S and SW	Heard 100 undetermined explosions	N/K	31 January, 11:06-11:26
Novookhtyrka (government-controlled, 55km NW of Luhansk)	10-15km NE	Heard 8 explosions (assessed as outgoing)	N/K	31 January, 11:36-13:00
Pionerske (“LPR”- controlled, 19km E of Luhansk)	20km SW	Heard 57 undetermined explosions	N/K	31 January, 11:55-12:20
Lopaskyne (government-controlled, 23km NW of Luhansk)	15-20km WSW	Heard 100 undetermined explosions	N/K	31 January, 11:58-12:20
Novozvanivka (government-controlled, 70km W of Luhansk)	5-7km E	Heard 18 undetermined explosions	N/K	31 January, 12:05-12:30
Saryi Aidar (government-controlled, 20km NW of Luhansk)	3-5km NW	Heard 318 undetermined explosions	Mortar (82 and 120mm mortar), AGL (AGS-17) (impossible to assess how many of each)	31 January, 12:10-13:01
Karpaty (“LPR”- controlled, 35km W of Luhansk)	10-15km E and SE	Heard 20 undetermined explosions (assessed as live-fire training)	Artillery (N/K)	31 January, 13:09-13:20
Stanytsia Luhanska (government controlled, 16km NE of Luhansk)	20-30km W	Heard 5 undetermined explosions (assessed as outside the disengagement area)	N/K	31 January, 14:05
Novoaidar (government-controlled, 49km NW of Luhansk)	2-3km SE	Heard 5 undetermined explosions	Artillery (120mm)	31 January, 14:35
	5-7km S	Heard 11 undetermined explosions	Artillery (152mm)	31 January, 14:40-14:41

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.)