

Table of ceasefire violations as of 14 December 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km S	Recorded	21	Projectile	NNE to SSW	N/K	13-Dec, 22:53
	2-4km SSE	Recorded	5	Projectile	NNE to SSW	N/K	14-Dec, 01:54
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Projectile	E to W	N/K	13-Dec, 18:49
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	13-Dec, 19:15
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	13-Dec, 19:26
	2-4km SSW	Recorded	7	Explosion	Undetermined	N/K	13-Dec, 20:51
	2-4km S	Recorded	2	Explosion	Undetermined	N/K	13-Dec, 20:51
	2-4km SSW	Recorded	8	Explosion	Undetermined	N/K	13-Dec, 20:52
	2-4km S	Recorded	3	Projectile	W to E	N/K	13-Dec, 20:52
	2-4km SSW	Recorded	3	Explosion	Undetermined	N/K	13-Dec, 20:54
	2-4km SSW	Recorded	2	Explosion	Undetermined	N/K	13-Dec, 20:55
	2-4km S	Recorded	1	Projectile	WNW to ESE	N/K	14-Dec, 01:42
	1-2km S	Recorded	1	Projectile	E to W	N/K	14-Dec, 04:51
	1-2km SW	Recorded	4	Projectile	W to E	N/K	14-Dec, 17:20
	SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	1-2km E	Recorded	1	Muzzle flash		N/K
1-2km E		Recorded	1	Projectile	SSW to NNE	N/K	13-Dec, 21:14
2-4km ENE		Recorded	11	Projectile	W to E	N/K	13-Dec, 21:20
2-4km ESE		Recorded	2	Projectile	SSW to NNE	N/K	13-Dec, 21:23
2-4km E		Recorded	3	Projectile	S to N	N/K	13-Dec, 21:26
2-4km E		Recorded	6	Projectile	N to S	N/K	13-Dec, 21:42
2-4km E		Recorded	1	Projectile	W to E	N/K	13-Dec, 22:31
2-4km E		Recorded	1	Muzzle flash		N/K	13-Dec, 22:31
2-4km E		Recorded	2	Projectile	N to S	N/K	13-Dec, 22:31
2-4km E		Recorded	3	Projectile	W to E	N/K	13-Dec, 22:32
2-4km E		Recorded	1	Explosion	Impact	N/K	13-Dec, 22:32
2-4km E		Recorded	4	Projectile	W to E	N/K	13-Dec, 22:33
2-4km E		Recorded	7	Projectile	N to S	N/K	13-Dec, 22:37
2-4km E		Recorded	6	Projectile	S to N	N/K	13-Dec, 22:44
2-4km E		Recorded	8	Projectile	S to N	N/K	13-Dec, 22:45
2-4km E		Recorded	1	Projectile	S to N	N/K	13-Dec, 22:48
2-4km E		Recorded	8	Projectile	S to N	N/K	13-Dec, 23:02
2-4km ESE		Recorded	1	Projectile	S to N	N/K	13-Dec, 23:10
2-4km ESE		Recorded	2	Projectile	SW to NE	N/K	13-Dec, 23:18
2-4km E		Recorded	5	Projectile	N to S	N/K	13-Dec, 23:24
2-4km ESE		Recorded	1	Explosion	Undetermined	N/K	13-Dec, 23:31
2-4km E		Recorded	1	Projectile	N to S	N/K	14-Dec, 00:33
2-4km E		Recorded	4	Projectile	S to N	N/K	14-Dec, 02:35
2-4km E		Recorded	4	Projectile	N to S	N/K	14-Dec, 03:14
2-4km E		Recorded	1	Projectile	SW to NE	N/K	14-Dec, 04:02
2-4km E		Recorded	1	Projectile	N to S	N/K	14-Dec, 04:13
2-4km E		Recorded	1	Projectile	N to S	N/K	14-Dec, 04:26
2-4km E		Recorded	3	Projectile	N to S	N/K	14-Dec, 04:38
SMM camera in Hranitne	2-4km E	Recorded	1	Projectile	S to N	N/K	13-Dec, 23:38
	2-4km E	Recorded	2	Projectile	S to N	N/K	13-Dec, 23:39

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.

(government-controlled, 60km S of Donetsk)	2-4km E	Recorded	1	Projectile	S to N	N/K	13-Dec, 23:40
	3-5km ESE	Recorded	4	Projectile	SW to NE	N/K	14-Dec, 17:51
	3-5km ESE	Recorded	5	Projectile	SW to NE	N/K	14-Dec, 17:52
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km ENE	Recorded	12	Projectile	NW to SE	N/K	13-Dec, 22:53
	2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	13-Dec, 22:53
	2-4km ENE	Recorded	3	Projectile	NW to SE	N/K	13-Dec, 22:54
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	13-Dec, 22:54
	2-4km ENE	Recorded	1	Muzzle flash		N/K	13-Dec, 22:54
	2-4km ENE	Recorded	1	Explosion		N/K	13-Dec, 22:54
	2-4km NE	Recorded	1	Muzzle flash		N/K	13-Dec, 23:21
	2-4km NE	Recorded	1	Projectile	NW to SE	N/K	13-Dec, 23:21
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	13-Dec, 23:25
	2-4km ENE	Recorded	1	Projectile	WSW to ENE	N/K	13-Dec, 23:25
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	13-Dec, 23:18
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	14-Dec, 00:04
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	14-Dec, 00:12
	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	14-Dec, 00:16
	2-4km E	Recorded	1	Projectile	N to S	N/K	14-Dec, 00:35
	2-4km E	Recorded	2	Projectile	N to S	N/K	14-Dec, 00:40
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	14-Dec, 04:50
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	11	Explosion	Airburst	N/K	13-Dec, 22:53
	2-4km S	Recorded	28	Projectile	E to W	N/K	13-Dec, 22:53
	2-4km S	Recorded	2	Projectile	E to W	N/K	13-Dec, 22:54
	2-4km S	Recorded	1	Explosion	Airburst	N/K	13-Dec, 22:54
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	13-Dec, 23:21
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	13-Dec, 23:25
	2-4km S	Recorded	1	Projectile	E to W	N/K	13-Dec, 23:25
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	2-4km NE	Recorded	1	Illumination flare	In vertical flight	N/K	13-Dec, 20:49
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	13-Dec, 22:11
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	13-Dec, 22:11
	2-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	13-Dec, 23:51
	2-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	13-Dec, 23:53
	2-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	13-Dec, 23:59
Debaltseve (non-government-controlled, 58km NE of Donetsk)	6-8km NW	Heard	1	Explosion	Undetermined	N/K	13-Dec, 22:37
	6-8km NW	Heard	1	Explosion	Undetermined	N/K	13-Dec, 22:54
	6-8km NW	Heard	1	Explosion	Undetermined	N/K	13-Dec, 23:08
	6-8km NW	Heard	1	Explosion	Undetermined	N/K	13-Dec, 23:11
About 1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km SW	Heard	1	Shot		Small arms	14-Dec, 09:10
	2-3km SW	Heard	1	Shot		N/K	14-Dec, 09:15
	2-3km SW	Heard	3	Shot		HMG	14-Dec, 09:24
	1-2km SW	Heard	6	Shot		Small arms	14-Dec, 09:25-09:52
	1-2km SW	Heard	5	Burst		Small arms	14-Dec, 09:37
	1-2km SW	Heard	1	Explosion	Undetermined	N/K	14-Dec, 09:57
	2km SSW	Heard	7	Shot	Possible training exercise (inside the security zone)	Small arms	14-Dec, 10:20
	2-3km SW	Heard	17	Shot		HMG	14-Dec, 10:36
1-2km SW	Heard	8	Burst		Small arms	14-Dec, 10:46-10:52	

	2-3km SW	Heard	1	Explosion	Undetermined	N/K	14-Dec, 11:00
	2km SW	Heard	17	Shot		Small arms	14-Dec, 11:03-11:11
	2-3km SW	Heard	16	Burst		HMG	14-Dec, 11:05-11:07
	3-5km SW	Heard	5	Explosion	Undetermined	N/K	14-Dec, 11:30-11:36
	1-2km SW	Heard	6	Burst		HMG	14-Dec, 11:47-11:49
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	14-Dec, 13:00
	2-3km SW	Heard	11	Burst		HMG	14-Dec, 13:03
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	14-Dec, 13:06
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km SW	Heard	2	Explosion	Undetermined	N/K	14-Dec, 08:55
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	3km NW	Heard	2	Explosion	Undetermined	N/K	14-Dec, 11:20
Marinka (government-controlled, 23km SW of Donetsk)	1-2km NE	Heard	1	Explosion			14-Dec, 11:20
About 2km WNW of Donetsk central railway station (non-government-controlled, 6km NW of Donetsk city centre)	0.5-1km NE	Heard	3	Burst		Small arms	14-Dec, 10:47
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km WSW	Heard	2	Explosion	Undetermined	N/K	13-Dec, 18:30
	4-5km SW	Heard	1	Explosion	Outgoing	Artillery (type N/K)	13-Dec, 18:50
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	13-Dec, 19:32
	4-5km WSW	Heard	4	Explosion	Undetermined	N/K	13-Dec, 19:45
	4-5km SE	Heard	7	Burst		HMG	13-Dec, 20:02
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	13-Dec, 20:02
	4-6km S	Heard	5	Burst		HMG	13-Dec, 20:30
	4-6km S	Heard	1	Explosion	Undetermined	N/K	13-Dec, 20:31
	4-6km S	Heard	4	Burst		HMG	13-Dec, 20:34
	4-6km S	Heard	1	Explosion	Undetermined	N/K	13-Dec, 20:34
	4-6km SE	Heard	15	Burst		Cannon (30mm)	13-Dec, 20:37
	4-5km S	Heard	10	Burst		HMG	13-Dec, 20:37
	4-6km SSW	Heard	4	Burst		HMG	13-Dec, 20:39
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	13-Dec, 20:42-20:44
	4-6km SE	Heard	12	Burst		Cannon (30mm)	13-Dec, 20:42-20:44
	4-6km SE	Heard	10	Shot		Small arms	13-Dec, 20:42-20:44
4-6km SE	Heard	15	Burst		HMG	13-Dec, 20:42-20:44	
4-6km SE	Heard	7	Burst		HMG	13-Dec, 21:04	

4-6km SE	Heard	2	Explosion	Undetermined	N/K	13-Dec, 21:04
4-6km S	Heard	2	Explosion	Undetermined	N/K	13-Dec, 21:10
4-6km S	Heard	5	Burst		HMG	13-Dec, 21:10
4-5km WSW	Heard	25	Burst		Cannon (30mm)	13-Dec, 21:28
4-5km WSW	Heard	4	Explosion	Impact	Mortar (type N/K)	13-Dec, 21:30
4-5km WSW	Heard	15	Burst		Cannon (30mm)	13-Dec, 21:31
4-5km WSW	Heard	7	Explosion	Impact	Artillery (type N/K)	13-Dec, 21:40
4-5km WSW	Heard	35	Burst		Cannon (30mm)	13-Dec, 21:41
4-5km WSW	Heard	27	Burst		HMG	13-Dec, 21:42
4-5km WSW	Heard	6	Explosion	Outgoing	Mortar (type N/K)	13-Dec, 21:42
4-5km WSW	Heard	6	Explosion	Impact	Artillery (type N/K)	13-Dec, 21:43
4-5km WSW	Heard	4	Explosion	Outgoing	Mortar (type N/K)	13-Dec, 21:44
4-5km WSW	Heard	4	Explosion	Impact	Mortar (type N/K)	13-Dec, 21:45
4-5km WSW	Heard	5	Explosion	Undetermined	N/K	13-Dec, 21:47
4-5km WSW	Heard	15	Burst		HMG	13-Dec, 21:47
4-5km WSW	Heard	4	Explosion	Undetermined	N/K	13-Dec, 21:50
4-5km WSW	Heard	7	Burst		Cannon (30mm)	13-Dec, 21:57
4-6km S	Heard	4	Explosion	Undetermined	N/K	13-Dec, 21:57
4-6km SSE	Heard	5	Burst		HMG	13-Dec, 22:01
4-6km S	Heard	7	Burst		HMG	13-Dec, 22:01
4-5km WSW	Heard	3	Explosion	Undetermined	N/K	13-Dec, 22:01
4-5km WSW	Heard	4	Burst		HMG	13-Dec, 22:03
4-5km WSW	Heard	7	Shot		HMG	13-Dec, 21:15
4-5km WSW	Heard	1	Explosion	Undetermined	N/K	13-Dec, 21:15
4-6km SE	Heard	20	Burst		HMG	13-Dec, 22:42
4-6km S	Heard	4	Burst		Cannon (30mm)	13-Dec, 22:42
4-6km S	Heard	5	Burst		HMG	13-Dec, 22:43
4-6km SE	Heard	4	Burst		N/K	13-Dec, 23:20
4-6km S	Heard	3	Explosion	Undetermined	N/K	13-Dec, 23:27
4-6km S	Heard	7	Burst		Cannon (30mm)	13-Dec, 23:45
4-6km WSW	Heard	5	Explosion	Undetermined	N/K	13-Dec, 23:59
4-6km S	Heard	4	Explosion	Undetermined	N/K	14-Dec, 00:04
4-6km S	Heard	2	Explosion	Undetermined	N/K	14-Dec, 00:09
5-6km SSE	Heard	20	Burst		HMG	14-Dec, 00:15
5-6km SSE	Heard	10	Burst		Cannon (30mm)	14-Dec, 00:15
5-6km SSE	Heard	1	Explosion	Impact	Mortar (type N/K)	14-Dec, 00:15
5-6km SE	Heard	15	Burst		HMG	14-Dec, 00:27
5-6km SE	Heard	4	Burst		Cannon (30mm)	14-Dec, 00:27
5-6km SE	Heard	5	Explosion	Undetermined	N/K	14-Dec, 00:27
5-6km SE	Heard	1	Explosion	Undetermined	N/K	14-Dec, 00:28

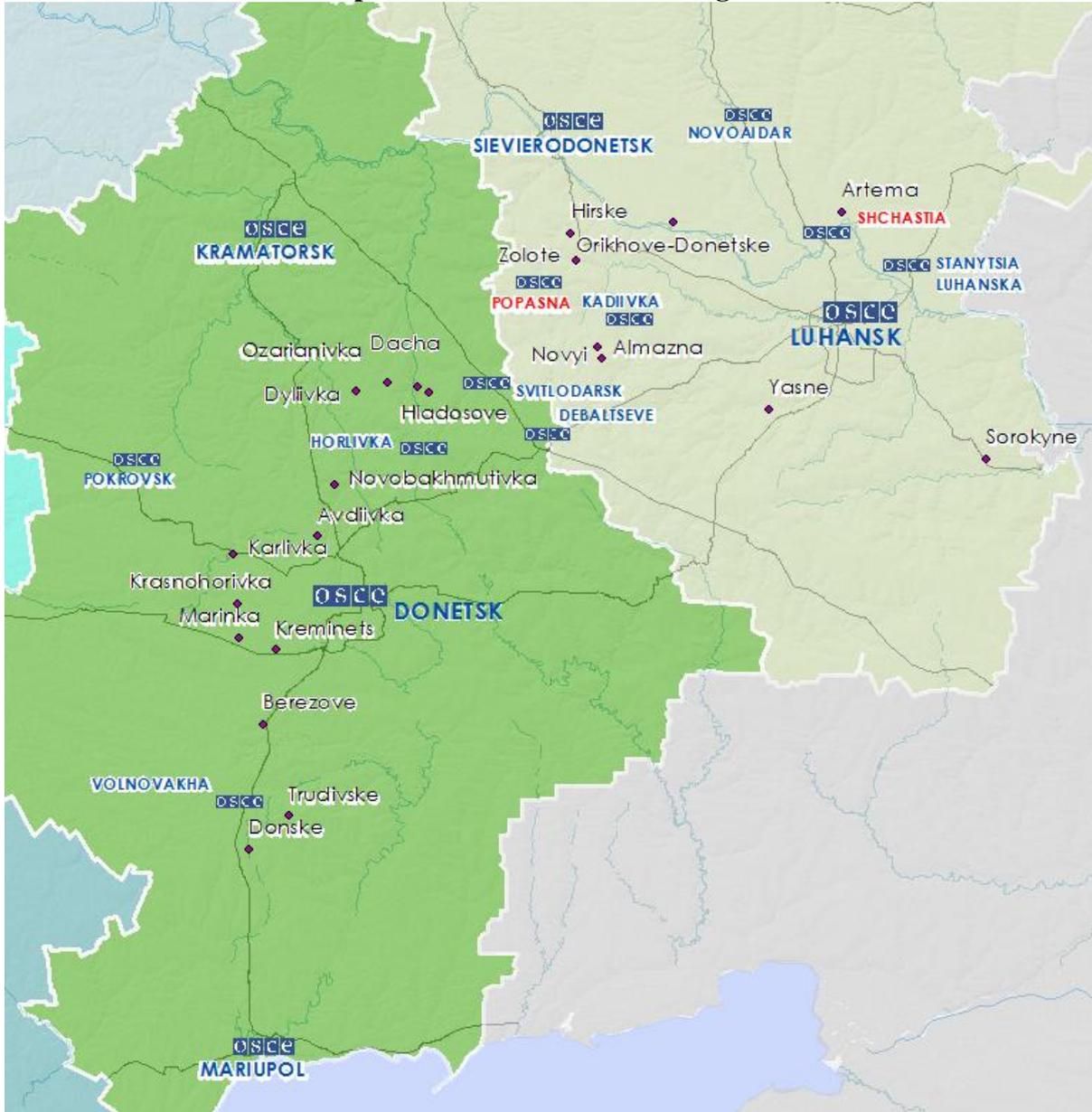
	5-6km SSW	Heard	8	Explosion	Undetermined	N/K	14-Dec, 01:06
	4-6km SSW	Heard	30	Burst		HMG	14-Dec, 09:35
	4-6km SSW	Heard	20	Burst		Cannon (30mm)	14-Dec, 09:37
	4-6km SSW	Heard	10	Explosion		N/K	14-Dec, 09:37
	4-6km SSW	Heard	25	Burst		HMG	14-Dec, 11:55
	4-6km SSW	Heard	4	Explosion		N/K	14-Dec, 16:25
	4-6km SSW	Heard	15	Burst		HMG	14-Dec, 16:25
E edge of Kamianka (government-controlled, 20km N of Donetsk)	2-4km SW	Heard	1	Explosion		N/K	14-Dec, 08:55
	4-6km SSW	Heard	2	Explosion		N/K	14-Dec, 11:00
	2km SSE	Heard	1	Shot		Small arms	14-Dec, 11:00
Staropetrivske (non-government-controlled, 35km north-east of Donetsk)	3-4km WSW	Heard	9	Explosion		N/K	14-Dec, 10:20-10:22
Horlivka (non-government-controlled, 39km NE of Donetsk)	2-3km SE	Heard	2	Burst		HMG	14-Dec, 16:57
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1.5-3km SE	Recorded	2	Projectile	S to N (assessed as inside the disengagement area)	N/K	13-Dec, 18:34
	1.5-3km SE	Recorded	2	Projectile	SW to NE (assessed as inside the disengagement area)	N/K	13-Dec, 18:35
	1.5-3km SSE	Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area)	N/K	13-Dec, 18:36
	1.5-3km SE	Recorded	5	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	13-Dec, 18:36
	1.5-3km SE	Recorded	6	Projectile	N to S (assessed as inside the disengagement area)	N/K	13-Dec, 18:36
	1.5-3km SE	Recorded	1	Projectile	W to E (assessed as inside the disengagement area)	N/K	13-Dec, 18:36
	1.5-3km SE	Recorded	1	Projectile	N to S (assessed as inside the disengagement area)	N/K	13-Dec, 18:39
	1.5-3km SE	Recorded	1	Projectile	WSW to ENE (assessed as inside the disengagement area)	N/K	13-Dec, 18:39
	1.5-3km SE	Recorded	1	Explosion	Undetermined (assessed as inside the	N/K	13-Dec, 18:39

					disengagement area)		
	1.5-3km SE	Recorded	1	Projectile	N to S (assessed as inside the disengagement area)	N/K	13-Dec, 18:40
	1.5-3km SSE	Recorded	1	Projectile	W to E (assessed as inside the disengagement area)	N/K	13-Dec, 18:41
	1.5-3km SE	Recorded	2	Projectile	N to S (assessed as inside the disengagement area)	N/K	13-Dec, 18:43
	1.5-3km ESE	Recorded	2	Projectile	N to S (assessed as inside the disengagement area)	N/K	13-Dec, 18:48
	1.5-3km SE	Recorded	1	Projectile	S to N (assessed as inside the disengagement area)	N/K	13-Dec, 18:48
	1.5-3km ESE	Recorded	5	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	13-Dec, 18:49
	1.5-3km SE	Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area)	N/K	13-Dec, 18:49
	1.5-3km SSE	Recorded	4	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	13-Dec, 18:50
	1.5-3km SE	Recorded	1	Projectile	In vertical flight (assessed as inside the disengagement area)	N/K	13-Dec, 18:50
	2-4km SSW	Recorded	10	Projectile	SSW to NNE (assessed as inside the disengagement area)	N/K	13-Dec, 18:51
	2-4km SSW	Recorded	1	Muzzle flash	Assessed as inside the disengagement area	N/K	13-Dec, 18:52
	2-4km ESE	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	13-Dec, 18:53
	2-4km SSE	Recorded	2	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	13-Dec, 18:54
	2-4km SSE	Recorded	1	Projectile	SSW to NNE (assessed as inside the disengagement area)	N/K	13-Dec, 18:54
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	13-Dec, 18:56

					(assessed as inside the disengagement area)		
	2-4km SSE	Recorded	2	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	13-Dec, 18:57
	2-4km SSE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	13-Dec, 18:57
	2-4km SSE	Recorded	2	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	13-Dec, 19:02
	2-4km SSE	Recorded	4	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	13-Dec, 19:03
	2-4km E	Recorded	1	Projectile	S to N (assessed as outside the disengagement area)	N/K	14-Dec, 16:19
3.5km SW of Almazna (non-government-controlled, 55km W of Luhansk)	7-10km SSW	Heard	98	Explosion	Undetermined	Artillery (type N/K)	14-Dec, 10:25-11:06
	7-10km SSW	Heard	75	Burst		IFV (BMP-2)	14-Dec, 10:25-11:06
	5-7km W	Heard	4	Burst		HMG	14-Dec, 10:30-10:32
4km SW of Popasna (government-controlled, 69km W of Luhansk)	10-15km S	Heard	46	Explosion	Undetermined	N/K	14-Dec, 10:29-10:49
	10-15km S	Heard	15	Burst		IFV (BMP-2)	14-Dec, 10:29-10:49
	10-15km S	Heard	16	Burst		HMG	14-Dec, 10:29-10:49
5km S of Slovianoserbsk (non-government-controlled, 28km NW of Luhansk)	10-12km NW	Heard	26	Explosion	Undetermined	N/K	14-Dec, 11:56-12:21
Trokhizbenka (government-controlled, 32km NW of Luhansk)	8-10km SW	Heard	8	Explosion	Undetermined	N/K	14-Dec, 12:14-12:26
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	10-15km NNW	Heard	127	Explosion	Undetermined	N/K	14-Dec, 14:40-15:50
	10-15km NNW	Heard	105	Burst		HMG	14-Dec, 14:40-15:50
E edge of Stanytsia Luhanska (government-controlled,	4-6km SE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Dec, 17:10-17:11

16km NE of
Luhansk)

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 based on recommendations of security experts from participating States as well as SMM security considerations).