

Table of ceasefire violations as of 16 December 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SW	Recorded	3	Projectile	E to W	N/K	14-Dec, 19:33
	1-2km SW	Recorded	4	Explosion		N/K	14-Dec, 19:36
	1-2km SW	Recorded	2	Explosion		N/K	14-Dec, 19:38
	1-2km SW	Recorded	1	Projectile	W to E	N/K	15-Dec, 03:16
	1-2km SW	Recorded	1	Projectile	W to E	N/K	15-Dec, 03:29
	1-3km SW	Recorded	5	Projectile	W to E	N/K	15-Dec, 03:35
	0.5-1km SSW	Recorded	1	Projectile	WNW to ESE	N/K	15-Dec, 16:34
	1-2km SSW	Recorded	4	Projectile	ESE to WNW	N/K	15-Dec, 17:07
	1-2km SSW	Recorded	2	Projectile	WNW to ESE	N/K	15-Dec, 17:08
	1-2km SSW	Recorded	1	Projectile	ESE to WNW	N/K	15-Dec, 17:17
	1-2km SSW	Recorded	3	Projectile	WNW to ESE	N/K	15-Dec, 18:03
	1-2km SSW	Recorded	4	Projectile	WNW to ESE	N/K	15-Dec, 18:27
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	1	Projectile	S to N	N/K	14-Dec, 21:04
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km ESE	Recorded	2	Projectile	NW to SE	N/K	14-Dec, 18:34
	3-5km ESE	Recorded	2	Projectile	NNW to SSE	N/K	14-Dec, 19:32
	3-5km ESE	Recorded	10	Projectile	S to N	N/K	14-Dec, 19:32
1km S of Novohryhorivka (non-government-controlled, 61km NE of Donetsk)	5-8km WNW	Heard	7	Explosion	Undetermined	N/K	15-Dec, 14:53-14:54
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	3-4km W	Heard	1	Explosion	Undetermined	N/K	15-Dec, 09:01
	3-4km W	Heard	1	Explosion	Undetermined	N/K	15-Dec, 09:04
	3-4km W	Heard	1	Explosion	Undetermined	N/K	15-Dec, 10:03
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km W	Heard	2	Explosion	Undetermined	N/K	15-Dec, 12:03
1km NW of railway station in Yasynuvata (non-government-controlled,	2km SW	Heard	3	Shot		Small arms	15-Dec, 09:08
	2km SW	Heard	1	Explosion	Undetermined	N/K	15-Dec, 09:08
	1.5-2km WSW	Heard	1	Shot		Small arms	15-Dec, 09:30
	3-4km SW	Heard	2	Burst		Small	15-Dec, 09:33

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.

16km NE of Donetsk)						arms	
	2-3km SW	Heard	1	Burst		Small arms	15-Dec, 09:45
	2-2.5km SSW	Heard	5	Shot		Small arms	15-Dec, 10:26
	2-2.5km SSW	Heard	10	Shot		Small arms	15-Dec, 10:27-10:29
	2-2.5km SSW	Heard	11	Burst		HMG	15-Dec, 10:29-10:32
	2-2.5km SSW	Heard	1	Explosion	Undetermined	N/K	15-Dec, 10:34-10:36
	2-2.5km SSW	Heard	1	Shot		Small arms	15-Dec, 10:34-10:36
	2-3km WSW	Heard	2	Explosion	Undetermined	N/K	15-Dec, 10:36-10:38
	2-3km WSW	Heard	2	Burst		Small arms	15-Dec, 10:36-10:38
	2-3km WSW	Heard	5	Shot		Small arms	15-Dec, 10:36-10:38
	2-2.5km SSW	Heard	1	Explosion	Undetermined	N/K	15-Dec, 12:17
	2-2.5km SSW	Heard	4	Burst		Small arms	15-Dec, 12:20
	2-2.5km SSW	Heard	2	Shot		Small arms	15-Dec, 12:25
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	15-Dec, 12:27
	2-3km SW	Heard	6	Burst		Small arms	15-Dec, 12:33-12:34
	2-3km SSW	Heard	10	Burst		Small arms	15-Dec, 12:37
	1.5km SSW	Heard	1	Explosion	Undetermined	N/K	15-Dec, 13:08
	1.5km SSW	Heard	2	Explosion	Undetermined	N/K	15-Dec, 13:11
	2km SSW	Heard	6	Burst		HMG	15-Dec, 13:18-13:20
	2km SSW	Heard	4	Explosion	Undetermined	N/K	15-Dec, 13:18-13:20
Lebedynske (government-controlled, 16km NE of Mariupol)	N/K E	Heard	53	Burst		Small arms	15-Dec, 10:45-11:00
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NE	Heard	1	Burst		Small arms	15-Dec, 11:17-11:18
	N/K NE	Heard	2	Explosion	Undetermined	N/K	15-Dec, 11:45
	N/K NNE	Heard	13	Shot		Small arms	15-Dec, 11:56-11:58
	N/K NE	Heard	13	Explosion	Undetermined	N/K	15-Dec, 11:58-12:20
	N/K NE	Heard	4	Shot		Small arms	15-Dec, 11:58-12:20
	N/K NE	Heard	5	Burst		Small arms	15-Dec, 11:58-12:20
	N/K NNE	Heard	6	Explosion	Undetermined	N/K	15-Dec, 11:58-12:20
	N/K N	Heard	2	Burst		Small arms	15-Dec, 12:32
1.5km W of Chermalyk (government-controlled, 31km NE of Mariupol)	N/K SSE	Heard	6	Burst		Small arms	15-Dec, 10:55-10:58
Svitlodarsk (government-controlled,	4-5km SE	Heard	10	Burst		HMG	14-Dec, 19:25
	5-6km SE	Heard	4	Burst		HMG	14-Dec, 19:43
	4-5km SW	Heard	20	Burst		HMG	14-Dec, 20:10

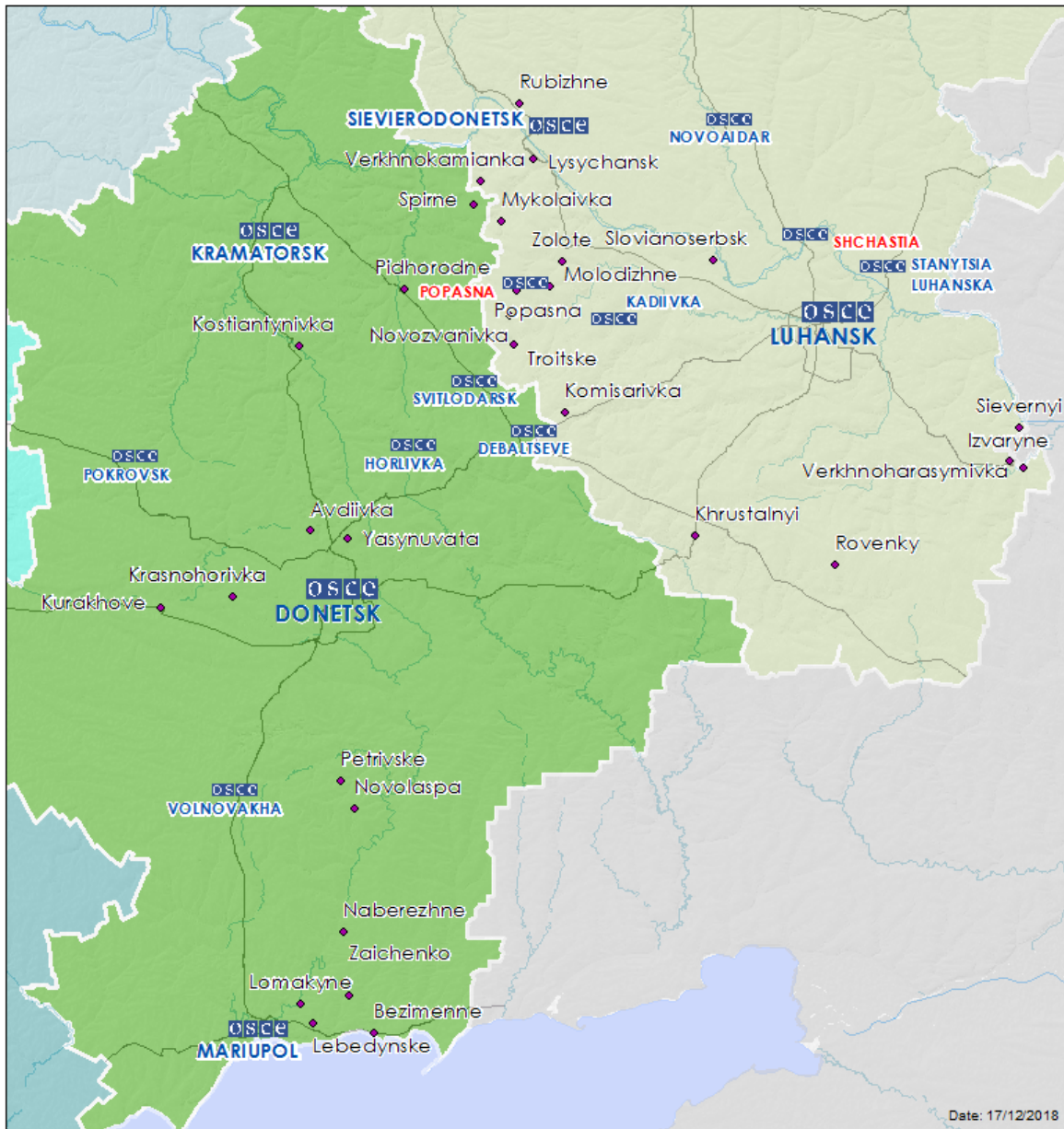
57km NE of Donetsk)	2.5-3km SW	Heard	5	Explosion	Outgoing	Mortar (120mm)	14-Dec, 20:10
	4-5km SW	Heard	7	Burst		HMG	14-Dec, 20:20
	4-5km SW	Heard	2	Explosion	Impact	Mortar (type N/K)	14-Dec, 20:20
	4-5km SW	Heard	1	Explosion	Impact	Mortar (type N/K)	14-Dec, 20:23
	5-6km SE	Heard	20	Burst		HMG	14-Dec, 20:28-20:30
	4-5km SW	Heard	2	Explosion	Impact	Mortar (type N/K)	14-Dec, 20:34
	4-5km SW	Heard	4	Explosion	Undetermined	N/K	14-Dec, 20:45
	4-5km SW	Heard	2	Explosion	Impact	Mortar (type N/K)	14-Dec, 21:24
	5-6km SE	Heard	10	Burst		HMG	14-Dec, 21:26-21:27
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	14-Dec, 21:31
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	14-Dec, 21:35
	3-4km SE	Heard	2	Explosion	Outgoing	Mortar (120mm)	14-Dec, 21:36-21:37
	6-7km SE	Heard	2	Explosion	Impact	Mortar (120mm)	14-Dec, 21:36-21:37
	2-3km NE	Heard	8	Explosion	Outgoing	Artillery (122mm)	14-Dec, 21:42-21:45
	4-5km SW	Heard	8	Explosion	Impact	Artillery (122mm)	14-Dec, 21:42-21:45
	4-5km SE	Heard	15	Burst		HMG	14-Dec, 21:50-21:52
	4-5km SW	Heard	1	Explosion	Impact	Artillery (type N/K)	14-Dec, 22:00
	4-5km ESE	Heard	5	Burst		HMG	14-Dec, 22:12
	4-5km SW	Heard	10	Burst		HMG	14-Dec, 22:19-22:20
	4-5km SW	Heard	1	Explosion		N/K	14-Dec, 22:19-22:20
	2-3km SE	Heard	1	Explosion	Outgoing	Mortar (120mm)	14-Dec, 22:43-22:44
	5-6km SE	Heard	1	Explosion	Impact	Mortar (120mm)	14-Dec, 22:43-22:44
	5-6km SE	Heard	5	Burst		HMG	14-Dec, 22:43-22:44
	4-5km SE	Heard	2	Burst		HMG	14-Dec, 22:55
	4-5km ESE	Heard	20	Burst		HMG	14-Dec, 23:02-23:04
	4-5km ESE	Heard	4	Shot		Small arms	14-Dec, 23:02-23:04
	4-5km ESE	Heard	3	Shot		Small arms	14-Dec, 23:11
4km ESE	Heard	4	Shot		Small arms	14-Dec, 23:44	
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km WNW	Heard	2	Explosion	Undetermined	N/K	14-Dec, 18:53-18:56
	3-5km SSW	Heard	4	Explosion	Undetermined	N/K	14-Dec, 18:53-18:56
	3-5km SSW	Heard	5	Burst		HMG	14-Dec, 18:53-18:56
	2-3km E	Heard	1	Burst		Small arms	14-Dec, 19:54
E edge of Stanytsia	3-4km SE	Heard	1	Shot		Small arms	15-Dec, 01:55

Luhanska (government-controlled, 16km NE of Luhansk)							
N edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	2-5km N	Heard	2	Explosion	Undetermined	N/K	15-Dec, 11:58-12:11
	2km N	Heard	25	Burst		HMG	15-Dec, 11:58-12:11
	2km N	Heard	5	Burst		Small arms	15-Dec, 11:58-12:11
Komisarivka (non-government-controlled, 60km W of Luhansk)	7-10km WNW	Heard	18	Explosion	Undetermined	N/K	15-Dec, 12:13-12:35
	7-10km WNW	Heard	7	Burst		HMG	15-Dec, 12:13-12:35
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	15-Dec, 21:35
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	15-Dec, 22:28
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	15-Dec, 22:57
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	15-Dec, 23:01
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	15-Dec, 23:49
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	16-Dec, 00:43
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	16-Dec, 04:17
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	16-Dec, 04:20
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Projectile	ESE to WNW	N/K	15-Dec, 19:04
	1-2km SSW	Recorded	1	Projectile	WNW to ESE	N/K	15-Dec, 19:10
	1-2km SSW	Recorded	3	Projectile	WNW to ESE	N/K	15-Dec, 19:11
	2-4km SW	Recorded	4	Projectile	WNW to ESE	N/K	15-Dec, 20:46
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	15-Dec, 20:48
	0.4-1km SSW	Recorded	1	Projectile	SW to NE	N/K	15-Dec, 20:50
	0.4-1km SSW	Recorded	2	Projectile	WSW to ENE	N/K	15-Dec, 22:04
	0.4-1km SSW	Recorded	3	Projectile	SW to NE	N/K	16-Dec, 00:04
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	16-Dec, 18:19
	2-4km SSW	Recorded	1	Projectile	SE to NW	N/K	16-Dec, 18:26
	2-4km SSW	Recorded	3	Projectile	NW to SE	N/K	16-Dec, 18:30
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	16-Dec, 18:30
	SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km ESE	Recorded	3	Projectile	N to S	N/K
2-4km ENE		Recorded	1	Projectile	N to S	N/K	15-Dec, 22:48
2-5km ENE		Recorded	1	Illumination flare	N to S	N/K	16-Dec, 00:47
2-5km ENE		Recorded	1	Projectile	N to S	N/K	16-Dec, 00:47
2-5km SE		Recorded	3	Projectile	SSW to NNE	N/K	16-Dec, 00:52
2-5km SE		Recorded	1	Explosion	Undetermined	N/K	16-Dec, 00:52
2-4km ENE		Recorded	2	Projectile	N to S	N/K	16-Dec, 00:53
2-4km E		Recorded	7	Projectile	S to N	N/K	16-Dec, 01:50
2-4km E		Recorded	2	Projectile	S to N	N/K	16-Dec, 01:51
2-4km ENE		Recorded	1	Projectile	N to S	N/K	16-Dec, 01:55
2-5km SE		Recorded	1	Projectile	In vertical flight	N/K	16-Dec, 02:06
2-4km E		Recorded	1	Projectile	S to N	N/K	16-Dec, 03:20
2-4km E		Recorded	1	Projectile	N to S	N/K	16-Dec, 03:21
2-4km E		Recorded	6	Projectile	S to N	N/K	16-Dec, 03:22
2-4km ENE		Recorded	3	Projectile	N to S	N/K	16-Dec, 03:22
2-4km ENE		Recorded	3	Projectile	N to S	N/K	16-Dec, 03:29
2-4km ENE		Recorded	4	Projectile	S to N	N/K	16-Dec, 03:29
2-4km ENE		Recorded	1	Projectile	N to S	N/K	16-Dec, 03:30
2-4km ENE		Recorded	1	Projectile	In vertical flight	N/K	16-Dec, 03:50
2-4km SE		Recorded	1	Projectile	S to N	N/K	16-Dec, 03:50
2-4km SE	Recorded	1	Projectile	SSW to NNE	N/K	16-Dec, 04:32	
2-4km ENE	Recorded	6	Projectile	NW to SE	N/K	16-Dec, 04:48	

	2-4km ENE	Recorded	9	Projectile	N to S	N/K	16-Dec, 04:48
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	16-Dec, 04:48
	2-4km ENE	Recorded	7	Projectile	N to S	N/K	16-Dec, 04:49
	2-4km ESE	Recorded	1	Projectile	WNW to ESE	N/K	16-Dec, 05:07
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km E	Recorded	4	Projectile	S to N	N/K	16-Dec, 00:47
	2-4km E	Recorded	2	Projectile	S to N	N/K	16-Dec, 01:43
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-5km ESE	Recorded	1	Explosion	Undetermined	N/K	15-Dec, 20:28
	2-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	15-Dec, 22:18
	2-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	15-Dec, 22:35
	2-5km ENE	Recorded	2	Projectile	SSW to NNE	N/K	15-Dec, 22:39
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	15-Dec, 23:28
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	15-Dec, 23:59
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	16-Dec, 00:21
	1-3km E	Recorded	8	Projectile	S to N	N/K	15-Dec, 22:24
	1-3km E	Recorded	1	Projectile	SE to NW	N/K	15-Dec, 22:40
	1-3km E	Recorded	5	Projectile	NW to SE	N/K	16-Dec, 04:22
1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-3km E	Recorded	1	Explosion	Undetermined	N/K	16-Dec, 04:23
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	16-Dec, 09:30
S edge of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km SE	Heard	16	Explosion	Undetermined	N/K	16-Dec, 10:15-10:25
Pavlopil (government controlled, 26km NE of Mariupol)	N/K E	Heard	4	Burst		Small arms	16-Dec, 10:35-10:55
	N/K SE	Heard	2	Burst		Small arms	16-Dec, 10:35-10:55
	N/K NNE	Heard	8	Shot		Small arms	16-Dec, 10:35-10:55
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km ESE	Heard	30	Burst		HMG	15-Dec, 20:00-20:04
	5-6km SE	Heard	10	Burst		HMG	15-Dec, 20:08-20:10
	5-6km SE	Heard	2	Explosion	Impact	Mortar (type N/K)	15-Dec, 20:12
	4-5km ESE	Heard	6	Burst		HMG	15-Dec, 20:16
	5-6km SE	Heard	4	Burst		HMG	15-Dec, 20:19
	5-6km SE	Heard		Shot and burst	Uncountable/overlapping	Small arms	15-Dec, 20:20-20:21
	4-5km ESE	Heard	4	Burst		HMG	15-Dec, 20:23
	4-5km SW	Heard	10	Burst		HMG	15-Dec, 23:19
	4-5km SW	Heard		Shot and burst	Uncountable/overlapping	Small arms	15-Dec, 23:20-23:22
4-5km SW	Heard	1	Explosion	Impact	Mortar (type N/K)	15-Dec, 23:31	

	5-6km ESE	Heard	1	Explosion	Impact	Mortar (type N/K)	15-Dec, 23:45
	4-5km ESE	Heard	10	Burst		Small arms	15-Dec, 23:48-23:49
	3-5km E	Heard	2	Explosion	Undetermined	N/K	16-Dec, 14:10
	3-5km SW	Heard	6	Explosion	Undetermined	N/K	16-Dec, 15:50-16:00
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-6km SSW	Heard	7	Burst		HMG	16-Dec, 14:56-14:57
	4-6km SW	Heard	7	Explosion	Undetermined	N/K	16-Dec, 15:23-15:24
W edge of Khrustalniy (formerly Krasnyi Luch, non-government-controlled, 56km SW of Luhansk)	1km NW	Heard	30	Shot		Small arms	16-Dec, 10:10
Zolote-2/Karbonit (government-controlled, 62km W of Luhansk)	6-8km S	Heard	30	Explosion	Outgoing and impact (assessed as inside the disengagement area)	Mortar (type N/K)	16-Dec, 13:10-13:45
	6-8km S	Heard	40	Burst	Assessed as inside the disengagement area	HMG	16-Dec, 13:10-13:45
Vrubivka (government-controlled, 72km W of Luhansk)	8-10km SE	Heard	28	Explosion	Undetermined	N/K	16-Dec, 13:11-13:30
NE edge of Kalynove-Borshchuvate (non-government-controlled, 61km W of Luhansk)	5-7km NW	Heard	34	Burst		HMG	16-Dec, 13:14-13:37
	7-10km W	Heard	4	Burst		HMG	16-Dec, 13:27-13:44
1.5km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	5-7km NNE	Heard	84	Burst	Unable to assess whether inside or outside the Zolote disengagement area	HMG	16-Dec, 14:02-14:42
	5-7km NNE	Heard	21	Explosion	Undetermined (unable to assess whether inside or outside the Zolote disengagement area)	N/K	16-Dec, 14:02-14:42
	1-3km S	Heard	1	Burst		Small arms	16-Dec, 14:10-14:44
	1-3km S	Heard	19	Shot		Small arms	16-Dec, 14:10-14:44
	1-3km S	Heard	6	Explosion	Undetermined	N/K	16-Dec, 14:10-14:44
	1km NW	Heard	10	Burst		Small	16-Dec,

Map of Donetsk and Luhansk regions²



² The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivsi, 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).