

Table of ceasefire violations as of 2 January 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Recorded	1	Explosion	Undetermined	N/K	30-Dec, 22:35
	3-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 03:28
	3-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 04:00
	3-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 04:28
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km SW	Recorded	1	Explosion	Undetermined	N/K	30-Dec, 21:54
	2-4km SW	Recorded	1	Explosion	Undetermined	N/K	30-Dec, 22:01
	2-4km SW	Recorded	2	Explosion	Undetermined	N/K	30-Dec, 22:02
	2-4km SW	Recorded	2	Projectile	SSE to NNW	N/K	30-Dec, 22:20
	2-4km SW	Recorded	3	Explosion	Undetermined	N/K	30-Dec, 22:28
	2-4km SW	Recorded	1	Projectile	SSE to NNW	N/K	30-Dec, 22:35
	2-4km SW	Recorded	1	Explosion	Undetermined	N/K	30-Dec, 22:36
	2-4km SW	Recorded	1	Projectile	W to E	N/K	30-Dec, 22:40
	2-4km SW	Recorded	3	Projectile	In vertical flight	N/K	30-Dec, 23:10
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km E	Recorded	2	Projectile	S to N	N/K	31-Dec, 02:49
	3-5km E	Recorded	1	Projectile	N to S	N/K	31-Dec, 02:49
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	31-Dec, 17:38
	1-2km SSW	Recorded	2	Explosion	Undetermined	N/K	31-Dec, 17:39
	1-2km SSW	Recorded	5	Explosion	Undetermined	N/K	31-Dec, 17:40
	1-2km SSW	Recorded	1	Illumination flare		N/K	31-Dec, 17:40
	1-2km SSW	Recorded	4	Explosion	Undetermined	N/K	31-Dec, 17:41
	1-2km SSW	Recorded	2	Illumination flare		N/K	31-Dec, 17:41
	1-2km SSW	Recorded	2	Explosion	Undetermined	N/K	31-Dec, 17:42
	1-2km SSW	Recorded	2	Explosion	Airburst	N/K	31-Dec, 17:43
	1-2km SSW	Recorded	1	Illumination flare		N/K	31-Dec, 17:50
	1-2km SSW	Recorded	1	Illumination flare		N/K	31-Dec, 18:13
	SMM camera at	2-3km NE	Recorded	1	Projectile	SW to NE	N/K

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.

entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km E	Recorded	1	Explosion	Undetermined	N/K	31-Dec, 17:43
	1-2km E	Recorded	3	Explosion	Undetermined	N/K	31-Dec, 17:43
	2-3km E	Recorded	3	Explosion	Undetermined	N/K	31-Dec, 17:44
3km SSE of Lozove (government-controlled, 52km NE of Donetsk)	1.5km NNW	Heard	2	Shot		Small arms	31-Dec, 09:12
About 1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km NNW	Heard	6	Shot		Small arms	31-Dec, 09:21-09:29
	2km NNW	Heard	7	Shot		Small arms	31-Dec, 09:35
	2km SW	Heard	1	Shot		Small arms	31-Dec, 09:36
	2km SW	Heard	9	Shot		Small arms	31-Dec, 10:05-10:30
	2km N	Heard	7	Shot		Small arms	31-Dec, 10:05-10:30
	2-3km SW	Heard	7	Shot		HMG	31-Dec, 10:32
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km W	Heard	1	Shot		Small arms	31-Dec, 12:40
1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km SE	Heard	1	Explosion	Assessed as outside of the disengagement area	N/K	31-Dec, 11:22
	1km SE	Heard	1	Shot	Assessed as outside of the disengagement area	Small arms	31-Dec, 11:24
0.8km S of Novohryhorivka (non-government-controlled, 61km NE of Donetsk)	1km NE	Heard	5	Shot		Small arms	31-Dec, 14:22
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km ENE	Heard	7	Burst		Small arms	30-Dec, 19:13
	3-5km ENE	Heard	8	Shot		Small arms	30-Dec, 19:13
	3-5km ENE	Heard	5	Burst		Small arms	30-Dec, 19:44
	3-5km ENE	Heard	5	Shot		Small arms	30-Dec, 19:44
	3-5km E	Heard	6	Burst		Small arms	30-Dec, 21:47
	3-5km E	Heard	3	Shot		Small arms	30-Dec, 21:48
	3-5km ENE	Heard	15	Burst		Small arms	30-Dec, 22:30-22:31
	3-5km ENE	Heard	7	Shot		Small arms	30-Dec, 22:30-22:31
	3-5km ENE	Heard	6	Shot		Small arms	30-Dec, 23:26-23:27
	3-5km ENE	Heard	5	Burst		Small arms	30-Dec, 23:27
	1.9km SSE of	5km SW	Heard	1	Explosion	Undetermined	N/K

Kamianka (government-controlled, 20km N of Donetsk)	5km SW	Heard	1	Shot		Small arms	31-Dec, 08:58
	2-4km SSW	Heard	3	Shot		Small arms	31-Dec, 09:20
	2-4km SSE	Heard	4	Shot		Small arms	31-Dec, 09:25-09:29
	2-3km E	Heard	5	Shot		Small arms	31-Dec, 09:36
	2-3km E	Heard	1	Burst		Small arms	31-Dec, 09:36
1.3km NNW of Kalynove- Borshchuvate (non- government- controlled, 61km W of Luhansk)	1-2km S	Heard	3	Shot		Small arms	31-Dec, 09:10
	1-2km W	Heard	5	Shot		Small arms	31-Dec, 13:28
1.4km E of Orikhove- Donetske (government- controlled, 44km NW of Luhansk)	2-4km S	Heard	7	Burst		HMG	31-Dec, 10:45
2.2km SE of Kriakivka (government- controlled, 38km NW of Luhansk)	2-4km S	Heard	8	Burst		HMG	31-Dec, 11:25
1.5km SW of Molodizhne (non- government- controlled, 62km NW of Luhansk)	1-2km WSW	Heard	70	Burst		HMG	31-Dec, 14:10-14:15
	1-2km WSW	Heard	40	Burst		HMG	31-Dec, 14:30-14:32
SMM camera in Berezove (government- controlled, 31km SW of Donetsk)	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 23:25
SMM camera in Chermalyk (government- controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 23:08
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jan, 00:00
	2-4km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jan, 00:00
	2-4km SSE	Recorded	2	Illumination flare	In vertical flight	N/K	1-Jan, 01:58
	2-4km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jan, 02:23
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	31-Dec, 19:30
	2-4km SSW	Recorded	1	Projectile	NE to SW	N/K	31-Dec, 20:20
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 20:22
	2-4km SSW	Recorded	1	Illumination flare		N/K	31-Dec, 20:40
	0.4-1km SSW	Recorded	1	Projectile	NNW to SSE	N/K	31-Dec, 21:50
	0.5-1.5km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 22:37
	3-5km S	Recorded	2	Projectile	NE to SW	N/K	31-Dec, 23:00
2-4km	Recorded	1	Explosion	Undetermined	N/K	31-Dec, 23:02	

	SSW						
	2-4km SSW	Recorded	2	Explosion	Undetermined	N/K	31-Dec, 23:06
	0.5-1km S	Recorded	1	Projectile	E to W	N/K	31-Dec, 23:18
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	1-Jan, 00:00
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 00:01
	2-4km SSW	Recorded	3	Projectile	W to E	N/K	1-Jan, 00:03
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	1-Jan, 00:05
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 00:05
	0.5-1.5km S	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 00:09
	300m-700m SSW	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 00:11
	200-500m SSW	Recorded	1	Projectile	NW to SE	N/K	1-Jan, 00:15
	200-500m S	Recorded	3	Explosion	Undetermined	N/K	1-Jan, 00:15
	200-500m SSW	Recorded	5	Explosion	Undetermined	N/K	1-Jan, 00:15
	0.5-1.5km SSW	Recorded	8	Explosion	Undetermined	N/K	1-Jan, 00:22
	2-4km S	Recorded	2	Explosion	Undetermined	N/K	1-Jan, 00:28
	0.5-1.5km SSW	Recorded	4	Explosion	Undetermined	N/K	1-Jan, 00:28
	0.3-1km SSW	Recorded	2	Projectile	NW to SE	N/K	1-Jan, 02:07
	0.3-1km SSW	Recorded	10	Projectile	NW to SE	N/K	1-Jan, 02:08
	0.7-1.5km S	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 02:10
	0.5-1.5km SSW	Recorded	9	Explosion	Undetermined	N/K	1-Jan, 02:11
	0.7-1.5km S	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 02:12
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 04:36
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 04:38
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 05:07
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 23:01
	3-5km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 23:13
	3-5km E	Recorded	1	Projectile	N to S	N/K	1-Jan, 00:16
	3-5km E	Recorded	1	Projectile	N to S	N/K	1-Jan, 00:16
	3-5km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jan, 01:25
	3-5km E	Recorded	2	Illumination flare	In vertical flight	N/K	1-Jan, 01:58
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	3-5km NE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 23:00
	3-5km NE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 23:01
	3-5km NE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 23:03
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 00:13
	3-5km NE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jan, 00:14

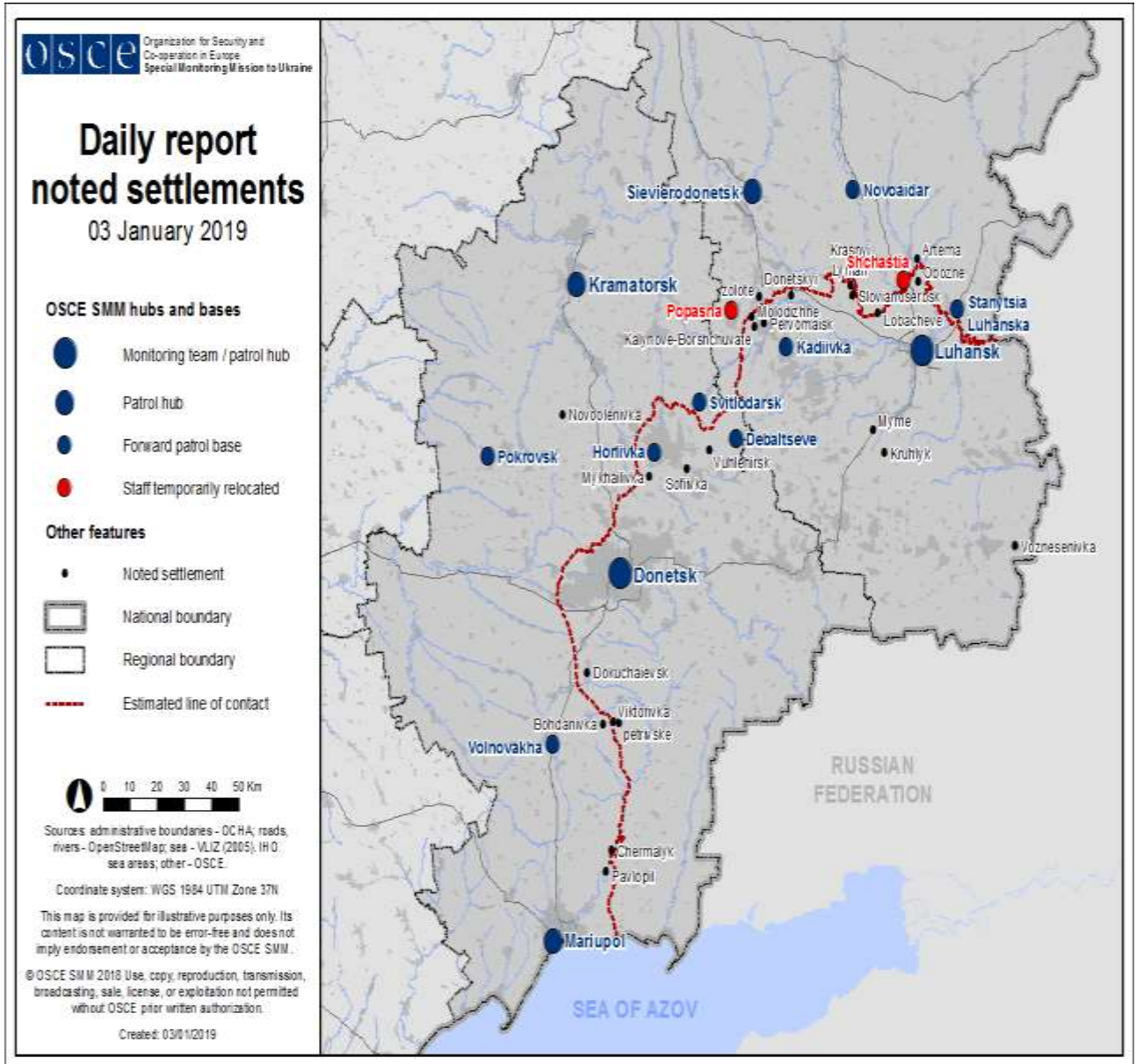
	3-5km NE	Recorded	2	Illumination flare	In vertical flight	N/K	1-Jan, 00:15
	3-5km NE	Recorded	2	Illumination flare	In vertical flight	N/K	1-Jan, 00:16
	3-5km NE	Recorded	2	Illumination flare	In vertical flight	N/K	1-Jan, 00:17
	3-5km NE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jan, 00:18
	3-5km NE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jan, 00:21
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km E	Recorded	1	Explosion	Outside entry-exit checkpoint	N/K	31-Dec, 21:31
	1-3km E	Recorded	1	Explosion	Outside entry-exit checkpoint	N/K	31-Dec, 21:32
	1-3km E	Recorded	2	Explosion	Outside entry-exit checkpoint	N/K	31-Dec, 23:09
	1-3km ESE	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 02:29
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	4-6km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 21:44
	4-6km NE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 23:21
	4-6km NNE	Recorded	4	Projectile	E to W	N/K	1-Jan, 02:41
	4-6km NNE	Recorded	1	Projectile	E to W	N/K	1-Jan, 02:46
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 05:00
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-3km E	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 16:49
3.4km N of Novotroitske (government-controlled, 36km SW of Donetsk)	2-3km NE	Heard	4	Explosion	Outgoing	N/K	1-Jan, 12:35-12:45
	2-3km NE	Heard	6	Shot		IFV (type undetermined) cannon 30mm	1-Jan, 12:35-12:45
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km E	Heard	8	Shot		Small arms	31-Dec, 21:19
	3-5km ENE	Heard	8	Burst		Small arms	31-Dec, 22:17-22:18
	3-5km ENE	Heard	6	Shot		Small arms	31-Dec, 22:17-22:18
	3-5km ENE	Heard	5	Burst		Small arms	31-Dec, 22:39
	3-5km E	Heard	72	Burst		Small arms	31-Dec, 23:01-23:09
	3-5km E	Heard	76	Shot		Small arms	31-Dec, 23:01-23:09
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	4-6km SW	Recorded	1	Illumination flare	In vertical flight	N/K	31-Dec, 23:07
	4-6km SSW	Recorded	3	Explosion	Undetermined	N/K	1-Jan, 00:00
	4-6km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jan, 00:01
	4-6km SSW	Recorded	2	Explosion	Undetermined	N/K	1-Jan, 00:01
	4-6km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jan, 00:02
	4-6km	Recorded	1	Burst		N/K	1-Jan, 00:11

	SSW						
	4-6km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jan, 01:11
	4-6km SW	Recorded	1	Illumination flare	In vertical flight	N/K	1-Jan, 01:24
SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	1-3km ENE	Recorded	1	Illumination flare	Assessed as outside the disengagement area	N/K	1-Jan, 04:33
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1-3km S	Recorded	2	Illumination flare	Assessed as inside the disengagement area	N/K	31-Dec, 23:15
	1-3km ESE	Recorded	3	Illumination flare	Assessed as outside the disengagement area	N/K	31-Dec, 23:58
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	1-2km SW	Heard	60	Shot		Small arms	31-Dec, 23:05-23:45
	1-2km NW	Heard	60	Shot		Small arms	31-Dec, 23:05-23:45
	1-2km NW	Heard	6	Burst		Small arms	31-Dec, 23:05-23:45
NE edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	1-2km SW	Heard	11	Burst		Small arms	1-Jan, 11:31-11:34
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-3km E	Recorded	1	Explosion	Undetermined	N/K	1-Jan, 16:49
	3-5km E	Recorded	2	Projectile	S to N	N/K	1-Jan, 20:19
Donetsk central railway station (non-government-controlled, 6km NW of Donetsk city centre)	3-4km NW	Heard	8	Explosion	Undetermined	N/K	2-Jan, 09:00-09:15
	3-4km NW	Heard	2	Explosion	Undetermined	N/K	2-Jan, 09:25
	3-4km NW	Heard	5	Explosion	Undetermined	N/K	2-Jan, 09:40-09:43
	3-4km NW	Heard	2	Explosion	Undetermined	N/K	2-Jan, 09:48
	3-4km NW	Heard	2	Explosion	Undetermined	N/K	2-Jan, 09:55-10:00
S edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	3	Shot		IFV 30mm cannon (BMP-2)	2-Jan, 13:22
4.1km NW of Debal'tseve (non-government-controlled, 58km NE of Donetsk)	1.5km WSW	Heard	3	Shot		Small arms	2-Jan, 13:51
Pavlopil	N/K NE	Heard	3	Burst		Small arms	2-Jan, 10:40-

(government-controlled, 26km NE of Mariupol)							10:48
	N/K NE	Heard	40	Shot		Small arms	2-Jan, 10:40-10:48
	N/K NE	Heard	1	Explosion	Undetermined	N/K	2-Jan, 10:50-10:55
	N/K NE	Heard	9	Shot		Small arms	2-Jan, 10:50-10:55
	N/K NE	Heard	18	Burst		Small arms	2-Jan, 10:50-10:55
	N/K SE	Heard	1	Explosion	Undetermined	N/K	2-Jan, 10:58-11:04
	N/K NE	Heard	27	Shot		Small arms	2-Jan, 10:58-11:04
	N/K NE	Heard	37	Burst		Small arms	2-Jan, 10:58-11:04
	N/K NE	Heard	46	Shot		Small arms	2-Jan, 11:10-11:16
	N/K NE	Heard	38	Shot		Small arms	2-Jan, 11:22-11:26
3km SW of Chermalyk (government-controlled, 31km NE of Mariupol)	N/K NE	Heard	1	Burst		Small arms	2-Jan, 11:22-11:26
	N/K E	Heard	40	Shot		Small arms	2-Jan, 11:08-11:12
	N/K E	Heard	45	Shot		Small arms	2-Jan, 11:22-11:24
Svitlodarsk (government-controlled, 57km NE of Donetsk)	N/K ESE	Heard	24	Shot		N/K	2-Jan, 11:27-11:29
	2-4km E	Heard	12	Burst		Small arms	1-Jan, 20:11-20:12
	2-4km E	Heard	2	Explosion	Undetermined	N/K	1-Jan, 20:14
	2-4km SE	Heard	7	Shot		Small arms	1-Jan, 20:17
	2-4km E	Heard	4	Explosion	Undetermined	N/K	1-Jan, 20:17-20:19
	1-3km SE	Heard	10	Burst		Small arms	1-Jan, 20:22
	1-3km SE	Heard	2	Burst		HMG	1-Jan, 20:23
	1-3km SE	Heard	7	Burst		Small arms	1-Jan, 20:24-20:26
	1-3km SE	Heard	13	Burst		Small arms	1-Jan, 20:27-20:28
	1-3km SE	Heard	3	Burst		Small arms	1-Jan, 20:30
	1-3km SE	Heard	7	Shot		Small arms	1-Jan, 20:56
	1-3km SE	Heard	29	Burst		Small arms	1-Jan, 20:58-20:59
E edge of Kamianka (government-controlled, 20km N of Donetsk)	2-4km SE	Heard	4	Burst		Small arms	1-Jan, 21:56
	3-5km SW	Heard	3	Explosion	Undetermined	N/K	2-Jan, 09:09
1.9km E of Kurdiuvivka (government-controlled, 54km N of Donetsk)	2-3km S	Heard	15	Burst	Undetermined	HMG	2-Jan, 10:42-10:47
Nykyforivka (government-controlled, 86km north of Donetsk)	3-4km SSE	Heard	10	Burst		HMG	2-Jan, 11:44
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km SE	Heard	17	Burst		Small arms	2-Jan, 14:07
	2-4km SE	Heard	23	Shot		Small arms	2-Jan, 14:13

Donetsk)							
2.8km N of Stepove (non-government-controlled, 27km west of Luhansk)	2-5km SW	Heard	12	Shot		Small arms	2-Jan, 09:49-09:58
S edge of the disengagement area near Zolote (non-government-controlled, 58km W of Luhansk)	1-2km WSW	Heard	3	Shot	Unable to assess whether inside or outside the disengagement area	Small arms	2-Jan, 09:50-09:52
	1-2km WSW	Heard	2	Burst	Unable to assess whether inside or outside the disengagement area	Small arms	2-Jan, 09:50-09:52
Pervomaisk (non-government-controlled, 58km west of Luhansk)	2-3km WSW	Heard	8	Burst		Small arms	2-Jan, 12:32
2.4km S of Muratove (government-controlled, 51km NW of Luhansk)	1-1.5km WSW	Heard	1	Shot		Small arms	2-Jan, 10:34
3km S of Muratove (government-controlled, 51km NW of Luhansk)	3-4km S	Heard	15	Burst		Small arms	2-Jan, 11:10-11:15
	7-9km SSW	Heard	1	Explosion	Undetermined	N/K	2-Jan, 12:48
2.8km E of Orikhove-Donetske (government-controlled, 44km NW of Luhansk)	1.5km SW	Heard	3	Shot		Small arms	2-Jan, 11:00-11:04
Kalynove-Borshchuvate (non-government-controlled, 61km W of Luhansk)	3-5km S	Heard	47	Burst		HMG	2-Jan, 11:15-11:26
E edge of Artema (government-controlled, 26km N of Luhansk)	600-800m NE	Heard	3	Shot		Small arms	2-Jan, 11:30

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).