

Table of ceasefire violations as of 5 February 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km SSW	Recorded	1	Projectile	W to E	N/K	4-Feb, 21:04
	0.5-1km S	Recorded	1	Illumination flare	In vertical flight	N/K	4-Feb, 21:04
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	4-Feb, 22:32
	1-2km SSW	Recorded	1	Projectile	NNE to SSW	N/K	4-Feb, 22:33
	1-2km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	5-Feb, 04:30
	1-2km SSW	Recorded	1	Illumination flare	NNW to SSE	N/K	5-Feb, 04:32
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km ESE	Recorded	1	Explosion	Impact	N/K	5-Feb, 17:54
	2-4km ESE	Recorded	5	Projectile	NNW to SSE	N/K	5-Feb, 17:54
	2-4km ESE	Recorded	1	Projectile	NNW to SSE	N/K	5-Feb, 17:55
	2-4km ESE	Recorded	2	Explosion	Undetermined	N/K	5-Feb, 17:55
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	5-Feb, 17:58
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km WSW	Heard	3	Shot		Small arms	5-Feb, 09:20
	2-3km SE	Heard	10	Burst		Small arms	5-Feb, 09:50-10:00
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	5-Feb, 10:00
	2km SW	Heard	2	Explosion	Undetermined	N/K	5-Feb, 10:02
	2km SW	Heard	10	Burst		Small arms	5-Feb, 10:02
	2-3km SW	Heard	5	Shot		Small arms	5-Feb, 10:04
	2km SW	Heard	3	Shot		Small arms	5-Feb, 10:06
	2km SW	Heard	2	Burst		Small arms	5-Feb, 10:06
	2-3km SW	Heard	3	Shot		Small arms	5-Feb, 10:08
	2-3km SE	Heard	8	Shot		Small arms	5-Feb, 10:10
	2km SW	Heard	4	Shot		Small arms	5-Feb, 10:11
	3km SW	Heard	1	Explosion	Undetermined	N/K	5-Feb, 10:12
	1-2km WSW	Heard	5	Explosion	Undetermined	N/K	5-Feb, 10:19
	1-1.5km SE	Heard	20	Burst		Small arms	5-Feb, 10:28
	2-3km SW	Heard	2	Shot		Small arms	5-Feb, 10:32-10:45
	2-3km SW	Heard	8	Burst		Small arms	5-Feb, 10:32-10:45
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	5-Feb, 10:32-10:45
	3-4km SE	Heard	125	Burst		Small arms	5-Feb, 10:32-10:45
	3km SE	Heard	1	Explosion	Undetermined	N/K	5-Feb, 10:47
	2km SE	Heard		Shot	Uncountable, overlapping	Small arms	5-Feb, 10:50-11:00
2km SE	Heard	17	Burst		Small	5-Feb, 10:51	

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.

						arms	
	2-3km SW	Heard	6	Burst		Small arms	5-Feb, 11:30-11:45
	2-3km SW	Heard	10	Shot		Small arms	5-Feb, 11:30-11:45
	3-4km SE	Heard	20	Burst		Small arms	5-Feb, 11:30-11:45
	3-4km SE	Heard	10	Shot		Small arms	5-Feb, 11:30-11:45
	2km SW	Heard	7	Shot			5-Feb, 11:52
	2km SW	Heard	2	Shot			5-Feb, 11:54
	2km WSW	Heard	3	Explosion	Undetermined	N/K	5-Feb, 11:55
	2km WSW	Heard	2	Explosion	Undetermined	N/K	5-Feb, 11:57
	2km WSW	Heard	9	Explosion	Undetermined	N/K	5-Feb, 12:00-12:10
	2km WSW	Heard		Burst	Uncountable, overlapping	HMG	5-Feb, 12:00-12:10
	2-3km W	Heard	3	Explosion	Undetermined	N/K	5-Feb, 12:16
	2km WSW	Heard	9	Shot		Small arms	5-Feb, 13:21
	2km WSW	Heard	2	Burst		Small arms	5-Feb, 13:21
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	5-Feb, 13:59
	2-3km SW	Heard	8	Shot		Small arms	5-Feb, 14:00
	2-3km SW	Heard	1	Shot		Small arms	5-Feb, 14:02
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	5-Feb, 14:03
	2-3km SW	Heard	3	Burst		HMG	5-Feb, 14:09
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	5-Feb, 14:09
	2-3km SW	Heard	3	Shot		Small arms	5-Feb, 14:09
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	5-Feb, 14:11
	2-3km SW	Heard	2	Shot		Small arms	5-Feb, 14:12
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	9	Explosion	Undetermined	N/K	5-Feb, 10:02-10:15
	2-3km SE	Heard	13	Burst		HMG	5-Feb, 10:02-10:15
	2-3km SE	Heard		Shot	Uncountable, overlapping	Small arms	5-Feb, 10:02-10:15
	4-5km E	Heard	1	Explosion	Undetermined	N/K	5-Feb, 10:12
	2-3km SE	Heard	17	Shot		Small arms	5-Feb, 10:16-10:28
	1-2km E	Heard	6	Shot		Small arms	5-Feb, 10:16-10:28
	3-4km S	Heard	21	Explosion		N/K	5-Feb, 11:58-12:11
	3-4km S	Heard	7	Burst		HMG	5-Feb, 11:58-12:11
	3-4km S	Heard	12	Explosion	Undetermined	N/K	5-Feb, 12:18-12:30
	3-4km S	Heard	6	Burst		HMG	5-Feb, 12:18-12:30
	1-2km E	Heard	18	Explosion	Outgoing	N/K	5-Feb, 12:18-12:30
	1-2km E	Heard		Shot and burst	Uncountable, overlapping	Small arms	5-Feb, 12:18-12:30
	1-2km E	Heard		Shot and burst	Uncountable, overlapping	HMG	5-Feb, 12:18-12:30
	1km E	Heard	4	Explosion	Outgoing	N/K	5-Feb, 14:00
	2-3km E	Heard	9	Burst		HMG	5-Feb, 14:06-14:15
	2-3km E	Heard	2	Explosion	Undetermined	N/K	5-Feb, 14:06-14:15

SE edge of Marinka (government-controlled, 22km SW of Donetsk)	3-4km NNW	Heard	1	Explosion	Undetermined	N/K	5-Feb, 10:47
NW edge of Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	2-3km W	Heard	1	Explosion	Undetermined	N/K	5-Feb, 11:03
2.5 km SSE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K ENE	Heard	2	Explosion	Impact	N/K	5-Feb, 09:25-09:45
	N/K ENE	Heard	1	Shot		Small arms	5-Feb, 09:25-09:45
	2-3km ENE	Heard	1	Explosion	Undetermined	N/K	5-Feb, 10:34
	2-3km ENE	Heard	1	Explosion	Undetermined	N/K	5-Feb, 10:47
	N/K ENE	Heard	6	Burst		Cannon (30mm)	5-Feb, 13:36-13:55
	N/K ENE	Heard	1	Burst		HMG	5-Feb, 13:36-13:55
	N/K ENE	Heard	9	Shot		Small arms	5-Feb, 13:36-13:55
	N/K ENE	Heard	1	Burst		Small arms	5-Feb, 13:36-13:55
E edge of Svobodne (government-controlled, 55km S of Donetsk)	N/K S	Heard	75	Burst		HMG	5-Feb, 10:30-10:35
1.5km NE of Berezove (government-controlled, 31km SW of Donetsk)	N/K SE	Heard	1	Explosion	Undetermined	N/K	5-Feb, 11:00
Pavlopil (government-controlled, 26km NE of Mariupol)	N/K NE	Heard	1	Explosion	Undetermined	Other	5-Feb, 10:53
	1-2km NNE	Heard	9	Burst		HMG	5-Feb, 11:35-11:40
Blahodatne (government-controlled, 44km SW of Donetsk)	N/K NE	Heard	1	Explosion	Undetermined	N/K	5-Feb, 11:00
Entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	1-3km NE	Heard	7	Burst		HMG	5-Feb, 11:05-11:10
Lebedynske (government-controlled, 16km NE of Mariupol)	2km NE	Heard	2	Explosion	Outgoing	Mortar (type N/K)	5-Feb, 11:47-12:00
	N/K NE	Heard	4	Burst		HMG	5-Feb, 11:47-12:00
2.3 km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	3-4km NNE	Heard	1	Explosion	Outgoing	Mortar (type N/K)	5-Feb, 12:55-13:00
	3-4km NNE	Heard	47	Burst		HMG	5-Feb, 12:55-13:00
	3-4km NNE	Heard	2	Shot		Other	5-Feb, 12:55-13:00
	3-4km NNE	Heard	9	Explosion	Outgoing	Mortar (type N/K)	5-Feb, 13:22-13:55
	3-4km NNE	Heard	22	Shot		Other	5-Feb, 13:22-13:55
	3-4km NNE	Heard	10	Shot		Small	5-Feb, 13:22-

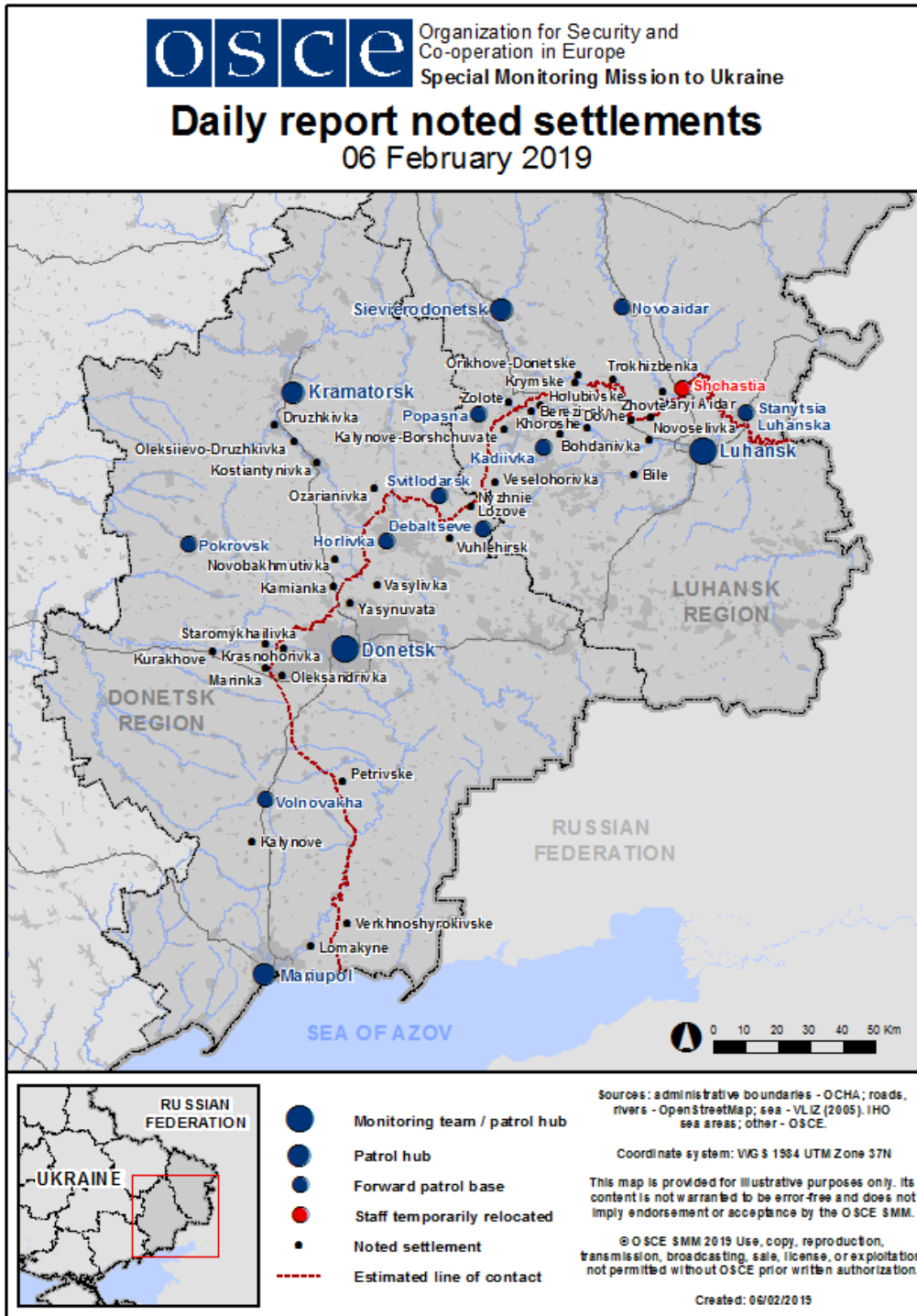
						arms	13:55
	3-4km NNE	Heard	7	Burst		HMG	5-Feb, 13:22-13:55
Orlivske (government-controlled, 23km NE of Mariupol)	N/K NE	Heard	4	Burst		HMG	5-Feb, 12:14-12:17
	N/K E	Heard	1	Explosion		N/K	5-Feb, 12:36
	N/K E	Heard	2	Burst		HMG	5-Feb, 12:36
Talakovka (government-controlled, 17km NE of Mariupol)	N/K E	Heard	1	Burst		HMG	5-Feb, 12:30-12:40
	N/K E	Heard	6	Explosion	Undetermined	N/K	5-Feb, 12:30-12:40
	N/K ESE	Heard	2	Shot		Small arms	5-Feb, 12:30-12:40
Sartana (government-controlled, 15km NE of Mariupol)	2km E	Heard	11	Explosion	Undetermined	N/K	5-Feb, 13:35-13:42
	N/K E	Heard	7	Explosion	Undetermined	N/K	5-Feb, 13:45-13:48
Chermalyk (government-controlled, 31km NE of Mariupol)	N/K SE	Heard	1	Explosion	Undetermined	N/K	5-Feb, 14:06
	N/K SE	Heard	88	Shot		Small arms	5-Feb, 14:17-14:28
	N/K SE	Heard	3	Explosion	Undetermined	N/K	5-Feb, 14:17-14:28
Bohdanivka (government-controlled, 41km SW of Donetsk)	N/K ESE	Heard	3	Shot		Small arms	5-Feb, 13:50
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SW	Heard	3	Explosion	Undetermined	N/K	4-Feb, 18:30-18:45
	3-5km SW	Heard	18	Burst		HMG	4-Feb, 18:30-18:45
	3-5km SW	Heard	4	Shot		Small arms	4-Feb, 18:30-18:45
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	4-Feb, 18:45-18:55
	3-5km SW	Heard	4	Burst		HMG	4-Feb, 18:45-18:55
	3-5km SW	Heard	10	Shot		Small arms	4-Feb, 18:45-18:55
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	4-Feb, 20:01
	3-5km SW	Heard	2	Burst		HMG	4-Feb, 20:40
	3-5km SE	Heard	2	Burst		HMG	4-Feb, 21:21
	3-5km SE	Heard	4	Burst		HMG	4-Feb, 22:20-22:21
	5-6km SE	Heard	4	Explosion	Undetermined	N/K	4-Feb, 22:35-22:36
	5-6km SE	Heard	3	Burst		HMG	4-Feb, 22:36-22:37
	4-5km SE	Heard	4	Explosion	Undetermined	N/K	4-Feb, 23:03-23:04
	3-4km SE	Heard	5	Burst		HMG	4-Feb, 23:39-23:40
	3-4km SE	Heard	10	Explosion	Undetermined	N/K	4-Feb, 23:45-23:49
	3-4km SE	Heard	5	Burst		HMG	4-Feb, 23:45-23:49
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	4-Feb, 23:55
	3-4km SSE	Heard	48	Burst		HMG	5-Feb, 15:40-16:00
3-4km SSE	Heard	11	Explosion	Undetermined	N/K	5-Feb, 17:40-17:50	
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km SW	Heard	1	Burst		Small arms	5-Feb, 09:30
About 2km SSE	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	5-Feb, 10:05

of Kamiianka (government-controlled, 20km N of Donetsk)	3-5km SSW	Heard	1	Explosion	Undetermined	N/K	5-Feb, 10:06
	2-3km SSW	Heard	30	Burst		HMG	5-Feb, 10:06-10:09
About 500m NE of Kamiianka (government-controlled, 20km N of Donetsk)	4-6km SSW	Heard	2	Explosion	Undetermined	N/K	5-Feb, 11:58-11:59
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	5-Feb, 12:22
	3-4km SSE	Heard	5	Burst		HMG	5-Feb, 12:25
	3-4km SSE	Heard	2	Explosion	Undetermined	N/K	5-Feb, 12:27
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	5-Feb, 13:09
	2km E	Heard	20	Burst		Small arms	5-Feb, 13:20
	2-3km E	Heard	40	Burst		Small arms	5-Feb, 13:25-13:30
Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km E	Heard	68	Shot		Small arms	5-Feb, 13:30-13:35
	1-1.5km SE	Heard	25	Burst		Small arms	5-Feb, 10:31-10:33
	1-1.5km SE	Heard	20	Burst		Small arms	5-Feb, 10:33-10:46
	1-1.5km SE	Heard	25	Burst		Small arms	5-Feb, 10:49-10:51
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1-1.5km SE	Heard	15	Burst		Small arms	5-Feb, 10:55-10:57
	2-3km E	Recorded	4	Projectile	N to S (assessed as outside the disengagement area)	N/K	4-Feb, 18:56
	2-3km E	Recorded	6	Projectile	N to S (assessed as outside the disengagement area)	N/K	4-Feb, 18:57
	1.5-3km SE	Recorded	3	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	4-Feb, 20:34
	1.5-3km S	Recorded	1	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	4-Feb, 22:33
	1.5-3km SE	Recorded	2	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	4-Feb, 23:43
	1.5-3km SE	Recorded	3	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	4-Feb, 23:44
	1.5-3km SE	Recorded	1	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	5-Feb, 00:43
N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km ESE	Heard	4	Burst		HMG	4-Feb, 18:55
	4-6km ESE	Heard	2	Burst		Cannon (30mm)	4-Feb, 18:58
	6-10km ESE	Heard	2	Explosion	Undetermined	N/K	4-Feb, 18:59
	5-6km ESE	Heard	20	Shot		Small arms	4-Feb, 19:25-19:40
	5-6km ESE	Heard	16	Burst		HMG	4-Feb, 19:25-19:40
	8-10km W	Heard	2	Burst		N/K	4-Feb, 19:45-

							19:46
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	4-Feb, 20:08
	3-5km SW	Heard	1	Shot		Small arms	4-Feb, 20:08
	4-6km SE	Heard	1	Burst		HMG	4-Feb, 19:56
	4-6km SE	Heard	5	Burst		HMG	4-Feb, 19:59
	4-6km SE	Heard	2	Burst		HMG	4-Feb, 20:05
	8-10km SE	Heard	2	Explosion	Undetermined	N/K	4-Feb, 20:05
	6-8km ESE	Heard	1	Explosion	Undetermined	N/K	4-Feb, 20:10
	5-7km ESE	Heard	2	Burst		N/K	4-Feb, 21:26
	5-7km ESE	Heard	1	Burst		N/K	4-Feb, 21:31
	5-7km ESE	Heard	2	Explosion	Undetermined	N/K	4-Feb, 21:31
	5-7km ESE	Heard	2	Explosion	Undetermined	N/K	4-Feb, 21:34
	5-10km SW	Heard	7	Shot		Small arms	4-Feb, 21:37
	5-7km ESE	Heard	1	Explosion	Undetermined	N/K	4-Feb, 21:38
	5-7km ESE	Heard	2	Burst		N/K	4-Feb, 21:40
	5-7km ESE	Heard	1	Explosion	Undetermined	N/K	4-Feb, 21:44
	5-8km ESE	Heard	36	Burst		N/K	4-Feb, 23:02-23:22
	5-8km ESE	Heard	6	Explosion	Undetermined	N/K	4-Feb, 23:02-23:22
	5-10km SW	Heard	2	Explosion	Undetermined	N/K	4-Feb, 23:48
	5-8km ESE	Heard	19	Burst		N/K	5-Feb, 00:05-00:22
	5-8km ESE	Heard	5	Shot		Small arms	5-Feb, 00:09-00:21
	6-8km SE	Heard	33	Explosion	Undetermined	N/K	5-Feb, 14:10-14:25
	4-6km SE	Heard	35	Burst		HMG	5-Feb, 14:10-14:25
	4-6km SE	Heard	30	Shot		Small arms	5-Feb, 14:10-14:25
	6-8km SE	Heard	15	Explosion	Undetermined	N/K	5-Feb, 17:01-17:08
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	10-15km SW	Heard	2	Explosion	Undetermined	N/K	4-Feb, 20:30-20:31
	10-15km SW	Heard	60	Burst		HMG	4-Feb, 20:32-20:35
	10-15km SW	Heard	1	Explosion	Undetermined	N/K	4-Feb, 20:32-20:35
	14-16km NW	Heard	25	Burst		HMG	4-Feb, 20:38-20:50
	14-16km NW	Heard	26	Explosion	Undetermined	N/K	4-Feb, 20:38-20:50
	10-14km WNW	Heard	11	Explosion	Undetermined	Mortar (type N/K)	5-Feb, 16:10-16:25
E edge of Zolote-2/Karbonit (government-controlled, 62km W of Luhansk)	4-5km E	Heard	1	Burst	Assessed as outside the disengagement area	HMG	5-Feb, 10:14
	4-5km E	Heard	1	Shot	Assessed as outside the disengagement area	HMG	5-Feb, 10:14
N edge of disengagement area near Zolote (government-controlled, 60km W of Luhansk)	4-5km E	Heard	3	Shot	Assessed as outside the disengagement area	Small arms	5-Feb, 11:10
Zolote-3/Stakhanovets (government-	4-5km S	Heard	3	Burst	Assessed as outside the disengagement	Small arms	5-Feb, 12:06-12:20

controlled, 61km W of Luhansk)					area		
	4-5km S	Heard	28	Shot	Assessed as outside the disengagement area	Small arms	5-Feb, 12:06-12:20
4km E of Veselohorivka (non-government-controlled, 64km W of Luhansk)	5-6km WSW	Heard	7	Burst		HMG	5-Feb, 10:30
	5-6km WSW	Heard	6	Shot		N/K	5-Feb, 10:30
1.5km NNE of Trokhizbenka (government-controlled, 32km NW of Luhansk)	2-3km SSW	Heard	92	Burst		Small arms	5-Feb, 10:50-10:59
Holubivske (non-government-controlled, 51km W of Luhansk)	6-10km NW	Heard	2	Explosion	Undetermined	N/K	5-Feb, 11:14-11:16
	2-3km NE	Heard	2	Explosion	Undetermined	N/K	5-Feb, 11:20-11:25
	2-3km NE	Heard	60	Burst		HMG	5-Feb, 11:20-11:25
	2-3km NE	Heard	60	Shot		Small arms	5-Feb, 11:20-11:25
	3-5km W	Heard	4	Explosion	Undetermined	N/K	5-Feb, 11:25-11:35
	3-5km W	Heard	10	Burst		HMG	5-Feb, 11:25-11:35
	3-5km NE	Heard	2	Explosion	Undetermined	N/K	5-Feb, 12:03-12:05
	3-5km NE	Heard	40	Burst		HMG	5-Feb, 12:03-12:05
	1-3km N	Heard	7	Shot		Small arms	5-Feb, 12:05-12:15
	8-10km NNW	Heard	15	Burst		HMG	5-Feb, 12:30-12:35
Obozne (non-government-controlled, 18km N of Luhansk)	2-4km W	Heard	5	Burst		HMG	5-Feb, 12:13-12:14
	7-8km NW	Heard	2	Explosion	Undetermined	N/K	5-Feb, 12:52-12:53
Berezivske (non-government-controlled, 53km NW of Luhansk)	3-5km W	Heard	23	Burst	Assessed as outside the disengagement area	HMG	5-Feb, 12:30-12:40
	3-5km W	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	5-Feb, 12:30-12:40
	5-8km W	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	5-Feb, 12:30-12:40
Mykhailivka (non-government-controlled, 31km W of Luhansk)	2-4km W	Heard	3	Shot	Assessed as outside the disengagement area	Small arms	5-Feb, 13:13-13:14

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. The SMM uses these premises during daylight hours and patrols in these settlements during daylight hours, as well).