

**Table of ceasefire violations as of 24 February 2019<sup>1</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	8	Projectile	WSW to ENE	N/K	22-Feb, 19:23
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	22-Feb, 19:34
	4-8km SE	Recorded	3	Projectile	NE to SW	N/K	23-Feb, 01:47
	2-5km SE	Recorded	1	Projectile	NE to SW	N/K	23-Feb, 03:23
	2-5km SE	Recorded	11	Projectile	WSW to ENE	N/K	23-Feb, 03:23
	2-5km SE	Recorded	5	Projectile	NE to SW	N/K	23-Feb, 03:29
	2-5km SE	Recorded	2	Projectile	NE to SW	N/K	23-Feb, 03:36
	2-5km SE	Recorded	4	Projectile	WSW to ENE	N/K	23-Feb, 03:45
	2-5km SE	Recorded	1	Projectile	NE to SW	N/K	23-Feb, 03:56
	2-5km SE	Recorded	16	Projectile	WSW to ENE	N/K	23-Feb, 03:57
	2-5km SE	Recorded	2	Projectile	WSW to ENE	N/K	23-Feb, 04:37
	2-5km SE	Recorded	1	Projectile	WSW to ENE	N/K	23-Feb, 04:38
	2-5km SE	Recorded	2	Projectile	ENE to WSW	N/K	23-Feb, 04:48
	2-5km SE	Recorded	4	Projectile	WSW to ENE	N/K	23-Feb, 04:48
	1-2km SSE	Recorded	1	Projectile	WSW to ENE	N/K	23-Feb, 04:48
	2-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	23-Feb, 05:00
	2-5km SSE	Recorded	2	Projectile	WSW to ENE	N/K	23-Feb, 05:03
	2-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	23-Feb, 05:23
	2-5km SSE	Recorded	6	Projectile	WSW to ENE	N/K	23-Feb, 05:35
	2-5km SSE	Recorded	3	Projectile	WSW to ENE	N/K	23-Feb, 05:39
	2-5km SSE	Recorded	9	Projectile	WSW to ENE	N/K	23-Feb, 05:41
	2-5km SE	Recorded	1	Explosion	Undetermined	N/K	23-Feb, 17:35
	2-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	23-Feb, 17:35
	2-5km SE	Recorded	6	Projectile	ENE to WSW	N/K	23-Feb, 17:36
	2-5km SE	Recorded	14	Projectile	ENE to WSW	N/K	23-Feb, 17:37
	2-5km SE	Recorded	3	Projectile	ENE to WSW	N/K	23-Feb, 17:38
	2-5km SSE	Recorded	2	Projectile	WSW to ENE	N/K	23-Feb,

<sup>1</sup> 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.

							17:38
	2-5km SE	Recorded	4	Projectile	ENE to WSW	N/K	23-Feb, 17:39
	2-5km SSE	Recorded	2	Projectile	WSW to ENE	N/K	23-Feb, 17:39
	2-5km S	Recorded	3	Projectile	WSW to ENE	N/K	23-Feb, 17:40
	2-5km S	Recorded	1	Projectile	WSW to ENE	N/K	23-Feb, 17:42
	2-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	23-Feb, 17:47
	2-5km SE	Recorded	2	Projectile	ENE to WSW	N/K	23-Feb, 17:48
	2-5km SSE	Recorded	2	Projectile	WSW to ENE	N/K	23-Feb, 17:49
	2-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	23-Feb, 17:50
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2.5km SSW	Recorded	3	Projectile	W to E	N/K	22-Feb, 17:33
	0.5-1.2km S	Recorded	1	Explosion	Undetermined	N/K	22-Feb, 18:17
	1-2km S	Recorded	2	Projectile	ENE to WSW	N/K	22-Feb, 18:54
	1-2km S	Recorded	1	Projectile	ENE to WSW	N/K	22-Feb, 19:03
	0.5-1.5km S	Recorded	1	Projectile	WNW to ESE	N/K	22-Feb, 19:05
	1-2km S	Recorded	1	Projectile	ENE to WSW	N/K	22-Feb, 20:29
	1-2km SSW	Recorded	3	Projectile	ENE to WSW	N/K	22-Feb, 20:30
	1-1.5km SSE	Recorded	1	Projectile	E to W	N/K	22-Feb, 20:50
	1-1.5km SSE	Recorded	4	Projectile	E to W	N/K	22-Feb, 20:52
	1.5-2km SSW	Recorded	1	Muzzle flash	Undetermined	N/K	22-Feb, 20:52
	1-2km S	Recorded	1	Projectile	ENE to WSW	N/K	22-Feb, 20:52
	1.5-2km SSW	Recorded	1	Projectile	ENE to WSW	N/K	23-Feb, 23:12
	1-2km SSW	Recorded	1	Projectile	E to W	N/K	22-Feb, 23:12
	0.5-1.5km S	Recorded	1	Explosion	Undetermined	N/K	23-Feb, 03:21
	1-2km SW	Recorded	1	Explosion	Undetermined	N/K	23-Feb, 05:25
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-5km SE	Recorded	17	Projectile	WSW to ENE	N/K	22-Feb, 18:14
	2-5km SE	Recorded	10	Projectile	WSW to ENE	N/K	22-Feb, 18:15
	2-5km SE	Recorded	2	Projectile	WSW to ENE	N/K	22-Feb, 18:16
	2-5km SE	Recorded	13	Projectile	WSW to ENE	N/K	22-Feb, 18:17
	2-5km SE	Recorded	2	Projectile	WSW to ENE	N/K	22-Feb, 18:18
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-3km NNE	Recorded	1	Explosion	Undetermined	N/K	22-Feb, 18:39

SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	5-10km S	Recorded	1	Illumination flare	In vertical flight	N/K	22-Feb, 23:34
	5-10km S	Recorded	1	Explosion	Undetermined	N/K	23-Feb, 00:30
	5-10km S	Recorded	1	Illumination flare	In vertical flight	N/K	23-Feb, 00:42
Donetsk city centre (non-government-controlled)	0.5-1km N	Heard and saw	10	Burst		Small arms	22-Feb, 20:35
Donetsk railway station (non-government-controlled, 6km NW of Donetsk city centre)	1-3km SE	Heard	6	Explosion	Undetermined	N/K	23-Feb, 13:55-14:05
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	5-6km NW	Heard	1	Explosion	Undetermined	N/K	23-Feb, 09:14
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	23-Feb, 09:34
	2-4km SW	Heard	4	Explosion	Undetermined	N/K	23-Feb, 13:11
	2-4km SW	Heard	3	Burst		Small arms	23-Feb, 13:11
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	2	Explosion	Undetermined	N/K	23-Feb, 10:08
	2-3km SE	Heard	1	Shot		Small arms	23-Feb, 10:13
1km NNW of Pyshevyk (government-controlled, 25km NE of Mariupol)	N/K NE	Heard	2	Explosion	Undetermined	N/K	23-Feb, 10:25
3km SE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K E	Heard	1	Explosion	Undetermined	N/K	23-Feb, 10:53
Horlivka (non-government-controlled, 39km NE of Donetsk)	6-7km NE	Heard	4	Explosion	Undetermined	N/K	22-Feb, 20:54-20:55
	6-7km NE	Heard	4	Explosion	Undetermined	N/K	22-Feb, 21:01-21:02
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-6km SSE	Heard	2	Explosion	Undetermined	N/K	23-Feb, 10:40
	4-5km SSE	Heard	1	Explosion	Undetermined	N/K	23-Feb, 11:40
1.5km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	2-3km NNE	Heard	6	Explosion	Undetermined	N/K	23-Feb, 09:35-09:43
	2-3km NNE	Heard	40	Burst		Small arms	23-Feb, 09:35-09:43
	2-3km NE	Heard	40	Burst		Small arms	23-Feb, 10:20-10:22
NE edge of	1-2km NW	Heard	7	Explosion	Undetermined	N/K	23-Feb,

Kruta Hora (non-government-controlled, 16km NW of Luhansk)							09:35-09:45
E edge of Popasna (government-controlled, 69km W of Luhansk)	3-4km SSW	Heard	3	Burst		Small arms	23-Feb, 09:42-09:43
	3-4km SSW	Heard	2	Explosion	Undetermined	N/K	23-Feb, 10:22-10:23
	3km NNE	Heard	2	Explosion	Undetermined	N/K	23-Feb, 10:22-10:23
1.3km NNE of Kalynove-Borshchuvate (non-government-controlled, 61km W of Luhansk)	2-3km NNE	Heard	3	Shot	Assessed as outside the disengagement area	HMG	23-Feb, 09:50-09:55
2km WNW of Nyzhnie (government-controlled, 56km NW of Luhansk)	10km SE	Heard	25	Explosion	Impact	Mortar (Type N/K)	23-Feb, 10:40-11:20
Zolote-3/Stakhanovets (government-controlled, 61km W of Luhansk)	1.5-2km SSE	Heard	6	Shot	Assessed as inside the disengagement area	Small arms	23-Feb, 10:50-11:00
	1.5-2km E	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	23-Feb, 10:50-11:00
Zolote (government-controlled, 60km W of Luhansk)	3-5km SW	Heard	16	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Feb, 11:05-11:40
	5-8km S	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Feb, 11:05-11:40
	2-3km E	Heard	5	Burst	Assessed as outside the disengagement area	HMG	23-Feb, 11:05-11:40
S edge of the disengagement area near Zolote (government-controlled, 60km W of Luhansk)	2-3km W	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Feb, 10:55
Slovianoserbsk (non-government-controlled, 28km NW of Luhansk)	2-3km NW	Heard	15	Explosion	Undetermined	N/K	23-Feb, 10:55-11:20
N edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)	5-7km W	Heard	29	Explosion	Undetermined	N/K	23-Feb, 10:57-11:20
Trokhizbenka (government-controlled,	5-7km W	Heard	2	Explosion	Undetermined	N/K	23-Feb, 11:47

32km NW of Luhansk)							
Vesela Hora (non-government-controlled, 16km N of Luhansk)	7-10km W	Heard	7	Explosion	Undetermined	N/K	23-Feb, 11:05-11:17
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SSE	Recorded	1	Projectile	SW to NE	N/K	23-Feb, 20:52
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	23-Feb, 17:52
	2-5km SE	Recorded	3	Projectile	ENE to WSW	N/K	23-Feb, 17:53
	2-5km SE	Recorded	7	Projectile	ENE to WSW	N/K	23-Feb, 17:54
	2-5km SE	Recorded	9	Projectile	ENE to WSW	N/K	23-Feb, 17:55
	2-5km S	Recorded	2	Projectile	WSW to ENE	N/K	23-Feb, 18:04
	2-5km S	Recorded	2	Projectile	WSW to ENE	N/K	23-Feb, 18:10
	2-5km S	Recorded	1	Projectile	WSW to ENE	N/K	23-Feb, 18:11
	2-5km S	Recorded	1	Explosion	Undetermined	N/K	23-Feb, 18:22
	2-5km SSE	Recorded	4	Projectile	WSW to ENE	N/K	23-Feb, 18:29
	2-5km SE	Recorded	3	Projectile	ENE to WSW	N/K	23-Feb, 18:29
	2-5km SSE	Recorded	2	Projectile	WSW to ENE	N/K	23-Feb, 18:30
	2-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	23-Feb, 18:31
	2-5km SSE	Recorded	2	Projectile	WSW to ENE	N/K	23-Feb, 18:32
	2-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	23-Feb, 18:34
	2-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	23-Feb, 18:35
	2-5km SE	Recorded	2	Projectile	ENE to WSW	N/K	23-Feb, 18:38
	2-5km SE	Recorded	2	Projectile	ENE to WSW	N/K	23-Feb, 18:40
	2-5km SE	Recorded	2	Projectile	ENE to WSW	N/K	23-Feb, 18:42
	2-5km SE	Recorded	4	Projectile	ENE to WSW	N/K	23-Feb, 18:43
	2-5km SE	Recorded	10	Projectile	ENE to WSW	N/K	23-Feb, 18:44
	2-5km SE	Recorded	5	Projectile	ENE to WSW	N/K	23-Feb, 18:47
	2-5km SE	Recorded	3	Projectile	ENE to WSW	N/K	23-Feb, 18:48
	2-5km SE	Recorded	2	Projectile	ENE to WSW	N/K	23-Feb, 18:51
	2-5km SE	Recorded	1	Muzzle flash		N/K	23-Feb, 18:51
2-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	23-Feb, 18:57	
2-5km SE	Recorded	2	Explosion	Undetermined	N/K	23-Feb,	

							19:32
2-5km SE	Recorded	1	Explosion	Undetermined	N/K		23-Feb, 19:34
4-6km S	Recorded	2	Projectile	WSW to ENE	N/K		23-Feb, 21:09
4-6km S	Recorded	1	Projectile	WSW to ENE	N/K		23-Feb, 21:10
3km SE	Recorded	3	Projectile	ENE to WSW	N/K		23-Feb, 21:36
3-5km SE	Recorded	1	Projectile	ENE to WSW	N/K		23-Feb, 21:51
3-5km SE	Recorded	9	Projectile	ENE to WSW	N/K		23-Feb, 21:55
4-6km S	Recorded	1	Explosion	Undetermined	N/K		23-Feb, 21:55
3-5km SE	Recorded	3	Projectile	ENE to WSW	N/K		23-Feb, 22:01
3-5km SE	Recorded	1	Projectile	ENE to WSW	N/K		23-Feb, 22:40
3-5km SE	Recorded	1	Burst	ENE to WSW (approximately 10 rounds)	N/K		23-Feb, 22:42
3-5km SE	Recorded	1	Projectile	NE to SW	N/K		23-Feb, 22:43
4-6km SE	Recorded	1	Burst	ENE to WSW (approximately 8 rounds)	N/K		23-Feb, 22:44
4-6km S	Recorded	1	Illumination flare	In vertical flight	N/K		23-Feb, 22:50
4-6km SE	Recorded	7	Projectile	ENE to WSW	N/K		23-Feb, 23:02
4-6km SE	Recorded	4	Projectile	ENE to WSW	N/K		23-Feb, 23:03
3-5km SE	Recorded	1	Burst	ENE to WSW	N/K		23-Feb, 23:27
4-6km SE	Recorded	2	Projectile	ENE to WSW	N/K		23-Feb, 23:32
3-5km SE	Recorded	5	Projectile	ENE to WSW	N/K		23-Feb, 23:38
3-5km SE	Recorded	6	Projectile	ENE to WSW	N/K		23-Feb, 23:39
3-5km SE	Recorded	1	Muzzle flash		N/K		23-Feb, 23:39
3-5km SE	Recorded	9	Projectile	ENE to WSW	N/K		23-Feb, 23:40
2-5km SE	Recorded	1	Explosion	Undetermined	N/K		23-Feb, 23:40
3-5km SE	Recorded	3	Projectile	ENE to WSW	N/K		23-Feb, 23:44
3-5km SE	Recorded	3	Projectile	ENE to WSW	N/K		23-Feb, 23:46
3-5km SE	Recorded	4	Projectile	ENE to WSW	N/K		23-Feb, 23:55
3-5km SE	Recorded	1	Projectile	WSW to ENE	N/K		24-Feb, 00:32
3-5km SE	Recorded	5	Projectile	ENE to WSW	N/K		24-Feb, 00:37
3-5km SSE	Recorded	14	Projectile	WSW to ENE	N/K		24-Feb, 00:37
3-5km SE	Recorded	2	Burst	NE to SW (approximately 10 rounds)	N/K		24-Feb, 00:38
3-5km SE	Recorded	1	Burst	W to E	N/K		24-Feb, 00:38
3-5km SE	Recorded	6	Projectile	NE to SW	N/K		24-Feb,

							00:39
3-5km SSE	Recorded	1	Projectile	W to E	N/K	24-Feb,	00:55
3-5km SE	Recorded	3	Projectile	W to E	N/K	24-Feb,	01:15
2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	24-Feb,	02:01
2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	24-Feb,	02:02
2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	24-Feb,	02:02
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	24-Feb,	02:03
3-5km SE	Recorded	1	Explosion		N/K	24-Feb,	02:04
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	24-Feb,	02:05
2-4km SSE	Recorded	3	Projectile	WSW to ENE	N/K	24-Feb,	02:09
2-4km SSE	Recorded	8	Projectile	WSW to ENE	N/K	24-Feb,	02:14
2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	24-Feb,	02:18
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	24-Feb,	02:19
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	24-Feb,	02:20
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	24-Feb,	02:27
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	24-Feb,	02:28
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	24-Feb,	02:29
2-4km SE	Recorded	10	Projectile	ENE to WSW	N/K	24-Feb,	02:49
2-4km SSE	Recorded	12	Projectile	WSW to ENE	N/K	24-Feb,	02:49
2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	24-Feb,	03:09
2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	24-Feb,	03:10
2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	24-Feb,	03:10
2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	24-Feb,	03:15
2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	24-Feb,	03:22
2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	24-Feb,	03:22
3-5km SE	Recorded	2	Projectile	NE to SW	N/K	24-Feb,	03:52
3-5km SE	Recorded	9	Projectile	NE to SW	N/K	24-Feb,	03:53
3-5km SE	Recorded	2	Projectile	NE to SW	N/K	24-Feb,	03:54
3-5km SE	Recorded	3	Projectile	ENE to WSW	N/K	24-Feb,	03:56
3-5km SE	Recorded	2	Projectile	ENE to WSW	N/K	24-Feb,	03:57
3-5km SE	Recorded	4	Projectile	NE to SW	N/K	24-Feb,	03:58
3-5km SE	Recorded	2	Projectile	ENE to WSW	N/K	24-Feb,	03:59
3-5km SE	Recorded	2	Projectile	W to E	N/K	24-Feb,	04:04

	3-5km SE	Recorded	2	Projectile	ENE to WSW	N/K	24-Feb, 04:08
	3-5km SE	Recorded	3	Projectile	ENE to WSW	N/K	24-Feb, 04:09
	3-5km SE	Recorded	5	Projectile	ENE to WSW	N/K	24-Feb, 04:17
	3-5km SE	Recorded	1	Burst	ENE to WSW	N/K	24-Feb, 04:35
	3-5km SE	Recorded	6	Projectile	ENE to WSW	N/K	24-Feb, 05:04
	3-5km SSE	Recorded	7	Projectile	WSW to ENE	N/K	24-Feb, 05:05
	3-5km SE	Recorded	7	Projectile	NE to SW	N/K	24-Feb, 05:25
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	23-Feb, 17:45
	1-2km SSE	Recorded	2	Projectile	In vertical flight	N/K	23-Feb, 17:54
	1-2km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	23-Feb, 18:00
	1-2km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	23-Feb, 18:01
	1-2km SSW	Recorded	6	Projectile	WNW to ESE	N/K	23-Feb, 18:09
	1-2km SSW	Recorded	12	Projectile	WNW to ESE	N/K	23-Feb, 18:10
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	23-Feb, 19:26
	1-2km SW	Recorded	1	Illumination flare	W to E	N/K	24-Feb, 03:20
	1-2km SSW	Recorded	2	Projectile	ESE to WNW	N/K	24-Feb, 17:59
	1-2km SSW	Recorded	1	Projectile	WNW to ESE	N/K	24-Feb, 18:05
	1-2km SSW	Recorded	14	Projectile	WNW to ESE	N/K	24-Feb, 18:11
	1-2km SSW	Recorded	2	Projectile	WNW to ESE	N/K	24-Feb, 18:15
	1-2km SSW	Recorded	4	Projectile	WNW to ESE	N/K	24-Feb, 18:16
	SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km E	Recorded	1	Illumination flare	In vertical flight	N/K
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	23-Feb, 21:34
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-5km E	Recorded	2	Explosion	Undetermined	N/K	23-Feb, 23:39
SMM camera at entry-exit	0.6-2km E	Recorded	2	Projectile	N to S	N/K	24-Feb, 05:17



checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)							
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NE	Recorded	1	Projectile	SSE to NNW	N/K	23-Feb, 22:26
	4-6km NE	Recorded	1	Projectile	SSW to NNE	N/K	23-Feb, 22:46
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	5-10km S	Recorded	3	Projectile	W to E	N/K	23-Feb, 19:27
	5-10km S	Recorded	1	Projectile	W to E	N/K	23-Feb, 19:28
	5-10km S	Recorded	2	Projectile	E to W	N/K	23-Feb, 19:34
	5-10km S	Recorded	1	Projectile	W to E	N/K	23-Feb, 19:37
	5-10km S	Recorded	1	Projectile	E to W	N/K	23-Feb, 19:38
	5-10km S	Recorded	1	Projectile	E to W	N/K	23-Feb, 19:50
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	2-7km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	23-Feb, 20:36
	2-7km NE	Recorded	3	Projectile	ESE to WNW	N/K	23-Feb, 20:43
	2-7km NE	Recorded	3	Projectile	ESE to WNW	N/K	23-Feb, 20:44
	2-7km NE	Recorded	2	Projectile	ESE to WNW	N/K	23-Feb, 20:45
	2-7km NE	Recorded	2	Projectile	ESE to WNW	N/K	23-Feb, 20:47
	2-7km NNE	Recorded	1	Projectile	NNW to SSE	N/K	23-Feb, 21:09
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	4-5km N	Heard	1	Explosion	Undetermined	N/K	24-Feb, 09:28
	2-4km W	Heard	2	Shot		HMG	24-Feb, 09:47
	4-5km W	Heard	1	Explosion	Undetermined	N/K	24-Feb, 09:49
Trudivski area of Donetsk city's Petrovskiyi district (non-government-controlled, 15km SW of Donetsk city centre)	2-5km W	Heard	1	Explosion	Undetermined	N/K	24-Feb, 10:25
About 1km NW of the railway station in Yasnuvata (non-government-controlled, 16km NE of Donetsk)	2km N	Heard	3	Shot		Small arms	24-Feb, 09:09
	2km NNW	Heard	2	Shot		Small arms	24-Feb, 09:21
	2km N	Heard	1	Burst		Small arms	24-Feb, 09:24
	2-3km SW	Heard	2	Burst		Small arms	24-Feb, 09:35
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	24-Feb, 09:36
	2-3km SW	Heard	12	Burst		Small arms	24-Feb, 09:58
	2km N	Heard	2	Burst		Small	24-Feb,

						arms	10:02
	2-3km SW	Heard	7	Burst		HMG	24-Feb, 10:43
	2-3km SW	Heard	2	Burst		Small arms	24-Feb, 10:47
	2-3km W	Heard	2	Shot		Small arms	24-Feb, 11:22
	2km SW	Heard	18	Shot		Small arms	24-Feb, 13:26
	2km N	Heard	1	Explosion	Undetermined	N/K	24-Feb, 13:28
Donetsk railway station (non-government-controlled, 6km NW of Donetsk city centre)	2-4km W	Heard	73	Explosion	Undetermined	N/K	24-Feb, 13:44-13:48
	2-4km W	Heard		Shot	Uncountable, overlapping	HMG	24-Feb, 13:44-13:48
	2-4km W	Heard	29	Explosion	Undetermined	N/K	24-Feb, 13:50-13:54
	2-4km W	Heard	5	Burst		HMG	24-Feb, 13:50-13:54
	2-4km W	Heard	7	Shot		HMG	24-Feb, 13:50-13:54
	2-4km W	Heard	82	Shot		HMG	24-Feb, 13:55-14:08
	2-4km W	Heard	27	Explosion	Undetermined	N/K	24-Feb, 13:55-14:08
	2-4km W	Heard	55	Shot		HMG	24-Feb, 14:09-14:16
	2-4km W	Heard	12	Shot		HMG	24-Feb, 14:16-14:19
	2-4km W	Heard	8	Explosion	Undetermined	N/K	24-Feb, 14:20-14:30
	2-4km W	Heard	81	Shot		HMG	24-Feb, 14:20-14:30
	3-5km NNW	Heard	1	Explosion	Undetermined	N/K	24-Feb, 14:20-14:30
	1km NNW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-4km N	Heard	6	Shot		Small arms
2-4km N		Heard	25	Shot		Small arms	24-Feb, 11:45-11:53
2.5km SSE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K NNE	Heard	3	Explosion	Undetermined	N/K	24-Feb, 12:51
	N/K NNE	Heard	4	Burst		HMG	24-Feb, 12:51
	N/K NNE	Heard	18	Explosion	Undetermined	N/K	24-Feb, 12:55-12:58
	N/K NNE	Heard	11	Burst		HMG	24-Feb, 12:55-12:58
	N/K NE	Heard	1	Explosion	Undetermined	N/K	24-Feb, 13:10
Chermalyk	3-5km SSE	Heard	3	Explosion	Undetermined	N/K	24-Feb,

(government-controlled, 31km NE of Mariupol)							12:57-13:05
	3-5km S	Heard	47	Explosion	Undetermined	N/K	24-Feb, 13:10-13:26
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	24-Feb, 13:10-13:26
About 2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	2-4km NE	Heard	7	Burst		Small arms	24-Feb, 13:32
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km S	Heard	5	Burst		HMG	23-Feb, 20:53
	4-6km WSW	Heard	23	Explosion	Undetermined	N/K	24-Feb, 15:48-16:13
	4-6km WSW	Heard	5	Explosion	Undetermined	N/K	24-Feb, 16:19-16:22
	3-4km WSW	Heard	28	Burst		Small arms	24-Feb, 17:16-17:21
	3-5km WSW	Heard	4	Explosion	Undetermined	N/K	24-Feb, 17:17-17:18
	3-5km WSW	Heard	15	Explosion	Undetermined	N/K	24-Feb, 17:32-17:40
	3-4km WSW	Heard	8	Burst		Small arms	24-Feb, 17:34-17:35
	3-4km WSW	Heard	2	Burst		Small arms	24-Feb, 17:41
	2-4km WSW	Heard	2	Explosion	Undetermined	N/K	24-Feb, 18:02
Popasna (government-controlled, 69km W of Luhansk)	7-10km SE	Heard	300	Explosion	Undetermined	N/K	24-Feb, 05:00-06:00
	7-10km SE	Heard	300	Burst		HMG	24-Feb, 05:00-06:00
	7-10km SE	Heard		Shots and bursts	Uncountable	Small arms	24-Feb, 05:00-06:00
E edge of Pervomaisk (non-government-controlled, 58km W of Luhansk)	4-6km WNW	Heard	2	Burst		Mortar (type N/K)	24-Feb, 09:10
	4-6km WNW	Heard	3	Explosion	Undetermined	Mortar (type N/K)	24-Feb, 09:10
Obozne (non-government-controlled, 18km N of Luhansk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	24-Feb, 09:28
Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk)	1-2km NE	Heard	11	Shot	Outside the disengagement area	Small arms	24-Feb, 10:58-11:05
	1-2km NE	Heard	1	Burst	Outside the disengagement area	HMG	24-Feb, 10:58-11:05
	1-2km NE	Heard	1	Explosion	Outside the	Mortar	24-Feb,

					disengagement area	(type N/K)	10:58- 11:05
	1-2km NE	Heard	10	Shot	Outside the disengagement area	Small arms	24-Feb, 11:27- 11:30
N edge of Berezivske (non- government- controlled, 53km NW of Luhansk)	3-4km WNW	Heard	60	Burst		HMG	24-Feb, 11:51- 11:55

### Map of Donetsk and Luhansk regions<sup>2</sup>



<sup>2</sup> 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).