

**Table of ceasefire violations as of 11 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	1	Projectile	ENE to WSW	N/K	10-Feb, 19:21
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	10-Feb, 20:35
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	10-Feb, 20:36
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	10-Feb, 20:39
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	10-Feb, 20:40
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	10-Feb, 20:59
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	10-Feb, 21:00
	2-4km SSE	Recorded	6	Projectile	ENE to WSW	N/K	10-Feb, 21:08
	2-4km SSE	Recorded	12	Projectile	ENE to WSW	N/K	10-Feb, 21:20
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	10-Feb, 21:26
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	10-Feb, 21:58
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	10-Feb, 21:59
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	10-Feb, 22:03
	1-3km SSE	Recorded	5	Projectile	ENE to WSW	N/K	10-Feb, 22:06
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	10-Feb, 22:29
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	10-Feb, 22:39
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	10-Feb, 22:42
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	10-Feb, 22:43
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	10-Feb, 22:45
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	10-Feb, 22:45
	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	10-Feb, 22:46
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	10-Feb, 23:51
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	11-Feb, 00:01
	2-4km SSE	Recorded	8	Projectile	ENE to WSW	N/K	11-Feb, 00:45
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	11-Feb, 02:25
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	11-Feb, 02:41
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	11-Feb, 02:43
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	11-Feb, 03:34
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	11-Feb, 05:10
	2-4km SSE	Recorded	1	Burst	ENE to WSW	N/K	11-Feb, 05:10
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	11-Feb, 05:10
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	11-Feb, 05:27
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Feb, 17:20
2-4km SSE	Recorded	2	Projectile	NNE to SSW	N/K	11-Feb, 18:08	
2-4km SSE	Recorded	22	Projectile	NNE to SSW	N/K	11-Feb, 18:10	
2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Feb, 18:16	
2-4km SSE	Recorded	35	Projectile	ENE to WSW	N/K	11-Feb, 18:16	
2-4km SSE	Recorded	5	Projectile	NE to SW	N/K	11-Feb, 18:30	
2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Feb, 18:30	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	3	Projectile	NW to SE	N/K	10-Feb, 18:58
	1-2km SSW	Recorded	1	Projectile	NW to SE	N/K	10-Feb, 19:11
	1-2km SSW	Recorded	3	Projectile	NW to SE	N/K	10-Feb, 19:12
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	10-Feb, 19:12
	1-2km S	Recorded	2	Projectile	E to W	N/K	10-Feb, 19:14
	1-2km SSW	Recorded	2	Projectile	NW to SE	N/K	10-Feb, 20:24
	1-2km SSW	Recorded	1	Projectile	WNW to ESE	N/K	10-Feb, 20:26
	2-3km SSW	Recorded	1	Explosion	Impact subsequent to previous projectile	N/K	10-Feb, 20:26
	0.5-1km SSE	Recorded	1	Explosion	Undetermined	N/K	10-Feb, 20:29

<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.

	1-2km SSW	Recorded	1	Illumination flare	in vertical flight	N/K	10-Feb, 20:32
	0.5-1km SSE	Recorded	1	Explosion	Undetermined	N/K	10-Feb, 21:37
	1-2km SSW	Recorded	1	Burst	W to E	N/K	10-Feb, 21:40
	2-3km SSW	Recorded	1	Explosion	Undetermined	N/K	10-Feb, 21:40
	1-2km SSW	Recorded	2	Projectile	NW to SE	N/K	10-Feb, 22:23
	1-2km SSW	Recorded	4	Projectile	NW to SE	N/K	10-Feb, 22:23
	1-2km SSW	Recorded	2	Projectile	WNW to ESE	N/K	10-Feb, 22:25
	1.5-3km SSW	Recorded	1	Projectile	NNW to SSE	N/K	10-Feb, 22:36
	1-2km SSW	Recorded	2	Projectile	NNW to SSE	N/K	10-Feb, 22:37
	1-2km SSW	Recorded	2	Projectile	NW to SE	N/K	10-Feb, 22:37
	1.5-3km SSW	Recorded	1	Projectile	NNW to SSE	N/K	10-Feb, 22:37
	1-2km SSW	Recorded	1	Projectile	ESE to WNW	N/K	10-Feb, 22:42
	1-2km SSW	Recorded	1	Projectile	NW to SE	N/K	10-Feb, 23:25
	1-2km SSW	Recorded	1	Projectile	WNW to ESE	N/K	10-Feb, 23:57
	1.5-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	10-Feb, 23:58
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	10-Feb, 23:58
	1-2km SSW	Recorded	1	Projectile	NW to SE	N/K	10-Feb, 23:58
	1-2km SSW	Recorded	2	Projectile	NW to SE	N/K	11-Feb, 01:24
	300-800m SSE	Recorded	1	Projectile	E to W	N/K	11-Feb, 02:32
	0.5-1km SSW	Recorded	1	Projectile	SE to NW	N/K	11-Feb, 02:32
	300-600m SSW	Recorded	1	Muzzle flash		N/K	11-Feb, 02:33
	300-800m S	Recorded	1	Explosion	Impact	N/K	11-Feb, 02:33
	0.5-1km SSE	Recorded	1	Projectile	NE to SW	N/K	11-Feb, 02:35
	0.5-1km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Feb, 02:37
	0.5-1km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	11-Feb, 03:10
	0.5-1km SSE	Recorded	2	Projectile	NE to SW	N/K	11-Feb, 03:14
	0.5-1km S	Recorded	1	Explosion	Impact	N/K	11-Feb, 03:14
	0.5-1km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Feb, 03:15
	0.5-1km SSE	Recorded	1	Projectile	NE to SW	N/K	11-Feb, 03:15
	1-2km SSW	Recorded	1	Projectile	NW to SE	N/K	11-Feb, 03:22
SMM camera 1.5km NE of Hnutove (government- controlled, 20km NE of Mariupol)	2-4km ENE	Recorded	2	Projectile	N to S	N/K	10-Feb, 20:34
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	10-Feb, 20:36
	2-4km ENE	Recorded	3	Projectile	S to N	N/K	10-Feb, 22:15
	2-4km ENE	Recorded	6	Projectile	S to N	N/K	10-Feb, 22:18
	2-4km ENE	Recorded	3	Projectile	S to N	N/K	10-Feb, 22:19
	2-4km ESE	Recorded	1	Projectile	S to N	N/K	10-Feb, 23:59
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	10-Feb, 23:59
	2-4km E	Recorded	4	Projectile	S to N	N/K	11-Feb, 00:13
	2-4km E	Recorded	3	Projectile	S to N	N/K	11-Feb, 00:18
	2-4km E	Recorded	3	Projectile	S to N	N/K	11-Feb, 00:37
	2-4km ESE	Recorded	1	Projectile	S to N	N/K	11-Feb, 00:44
	2-4km E	Recorded	1	Projectile	S to N	N/K	11-Feb, 02:16
	2-4km E	Recorded	1	Projectile	S to N	N/K	11-Feb, 02:17
SMM camera at entry-exit checkpoint in Maiorsk (government- controlled, 45km NE of Donetsk)	1-3km E	Recorded	1	Illumination flare	ENE to WSW	N/K	10-Feb, 21:06
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Feb, 17:35
	3-5km E	Recorded	3	Explosion	Undetermined	N/K	11-Feb, 17:44
	3-5km E	Recorded	2	Explosion	Outgoing	N/K	11-Feb, 17:47
	3-5km E	Recorded	1	Explosion	Outgoing	N/K	11-Feb, 17:48
	3-5km E	Recorded	1	Projectile	In vertical flight	N/K	11-Feb, 18:06
	3-5km E	Recorded	1	Projectile	N to S	N/K	11-Feb, 18:09
	3-5km E	Recorded	1	Projectile	N to S	N/K	11-Feb, 18:11
	3-5km E	Recorded	2	Explosion	Undetermined	N/K	11-Feb, 18:15
	3-5km ENE	Recorded	6	Projectile	N to S	N/K	11-Feb, 18:20
	3-5km E	Recorded	2	Explosion	Impact	N/K	11-Feb, 18:22

SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	1	Projectile	W to E	N/K	10-Feb, 20:50
	2-4km NNE	Recorded	1	Explosion	Impact	N/K	11-Feb, 02:33
	2-4km NNE	Recorded	1	Explosion	Impact	N/K	11-Feb, 06:17
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km NNE	Recorded	1	Projectile	NW to SE	N/K	11-Feb, 03:01
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	11-Feb, 03:01
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	4-6km WNW	Recorded	1	Explosion	Undetermined	N/K	11-Feb, 02:43
	2-4km SSE	Recorded	5	Projectile	E to W	N/K	11-Feb, 18:19
	2-4km SSE	Recorded	2	Projectile	W to E	N/K	11-Feb, 18:19
	2-4km SSE	Recorded	5	Projectile	E to W	N/K	11-Feb, 18:20
	2-4km SSE	Recorded	3	Projectile	E to W	N/K	11-Feb, 18:22
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	11-Feb, 18:24
Debaltseve (non-government-controlled, 58km NE of Donetsk)	6-10km NW	Heard	11	Explosion	Undetermined	N/K	10-Feb, 19:00-20:00
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km SW	Heard	3	Shot		Small arms	11-Feb, 09:15
	1-2km SW	Heard	2	Shot		Small arms	11-Feb, 09:29
	1-2km SW	Heard	4	Explosion	Undetermined	N/K	11-Feb, 09:38
	1-2km SW	Heard	2	Explosion	Undetermined	N/K	11-Feb, 09:39
	1-2km SW	Heard	3	Burst		Small arms	11-Feb, 09:39
	700m SW	Heard	1	Explosion	Impact	N/K	11-Feb, 09:42
	2-3km SW	Heard	118	Shot		HMG	11-Feb, 10:07-10:13
	2-3km SW	Heard	11	Burst		Small arms	11-Feb, 10:07-10:13
	2-3km NW	Heard	2	Explosion	Undetermined	N/K	11-Feb, 10:21-10:23
	2km SW	Heard	3	Burst		Small arms	11-Feb, 10:27
	2-3km SW	Heard		Burst	Uncountable	Small arms	11-Feb, 10:30-10:34
	3-4km W	Heard	2	Explosion	Undetermined	N/K	11-Feb, 10:30-10:34
	2km W	Heard	8	Burst		Small arms	11-Feb, 10:35
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	11-Feb, 10:36
	1-2km SW	Heard	21	Burst		HMG	11-Feb, 10:38-10:40
	1-2km SW	Heard	2	Explosion	Undetermined	N/K	11-Feb, 10:38-10:40
	1-2km SW	Heard	1	Explosion	Undetermined	N/K	11-Feb, 10:44
	1-2km SW	Heard	2	Explosion	Undetermined	N/K	11-Feb, 10:50
	1-2km SW	Heard	1	Burst		HMG	11-Feb, 10:51
	1-2km SW	Heard	3	Burst		HMG	11-Feb, 10:53
2-3km SW	Heard	55	Shot		HMG	11-Feb, 10:55-11:15	
3-4km SW	Heard	8	Explosion	Undetermined	N/K	11-Feb, 10:55-11:15	

	3-4km SW	Heard	28	Shot		Small arms	11-Feb, 10:55-11:15
	2-3km ESE	Heard	88	Shot		Small arms	11-Feb, 10:55-11:15
	1-2km SW	Heard	1	Explosion	Outgoing	N/K	11-Feb, 12:30
	1-2km SW	Heard	2	Explosion	Undetermined	N/K	11-Feb, 12:32
	1-2km SW	Heard	1	Burst		HMG	11-Feb, 12:32
	1-2km SW	Heard	2	Explosion	Outgoing	N/K	11-Feb, 12:38
	1-2km SW	Heard	5	Shot		HMG	11-Feb, 12:39
	1-2km SW	Heard	1	Burst		HMG	11-Feb, 12:39
	1-2km SW	Heard	1	Burst		Small arms	11-Feb, 12:43
	1-2km SW	Heard	2	Explosion	Undetermined	N/K	11-Feb, 12:43
	2-3km W	Heard	20	Shot		HMG	11-Feb, 12:52-13:01
	1km WSW	Heard	22	Shot		HMG	11-Feb, 12:52-13:01
	2-3km SW	Heard	34	Shot		HMG	11-Feb, 13:10-13:30
	2-3km SW	Heard	35	Shot		IFV (type N/K)	11-Feb, 13:10-13:30
	2-3km SW	Heard	5	Explosion	Undetermined	N/K	11-Feb, 13:10-13:30
	1-2km SW	Heard	1	Explosion	Undetermined	N/K	11-Feb, 13:35
	1-2km SW	Heard	2	Shot		HMG	11-Feb, 13:40
	1-2km SW	Heard	8	Burst		HMG	11-Feb, 13:42
	1-2km SW	Heard	1	Explosion	Undetermined	N/K	11-Feb, 13:42
	1-2km SW	Heard	1	Explosion	Undetermined	N/K	11-Feb, 13:49
	1-2km SW	Heard	1	Explosion	Undetermined	N/K	11-Feb, 13:54
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km E	Heard	4	Explosion	Undetermined	N/K	11-Feb, 09:38
	2-4km E	Heard	2	Explosion	Undetermined	N/K	11-Feb, 09:43
	3km SE	Heard	5	Burst		HMG	11-Feb, 10:50
	3-4km NE	Heard	6	Explosion	Undetermined	N/K	11-Feb, 11:30
	2-3km E	Heard	6	Explosion	Undetermined	N/K	11-Feb, 11:43
	2-3km E	Heard	17	Shot		HMG	11-Feb, 11:49
	2-3km E	Heard	2	Explosion	Undetermined	N/K	11-Feb, 11:49
	2-3km E	Heard	2	Explosion	Undetermined	N/K	11-Feb, 12:31
	2-4km E	Heard	1	Explosion	Outgoing	N/K	11-Feb, 12:33
	2-3km SE	Heard	3	Explosion	Undetermined	N/K	11-Feb, 13:32
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km SE	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	11-Feb, 11:51
	1.5km SSW of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NE	Heard	3	Explosion	Undetermined	N/K
3km SE of Lomakyne (government-controlled, 15km NE of Mariupol)	2-3km NE	Heard	4	Explosion	Undetermined	N/K	11-Feb, 11:20-11:22
2.5km SSE of Lomakyne (government-controlled, 15km NE of	3-4km E	Heard	1	Explosion	Undetermined	N/K	11-Feb, 11:35
	2-3km E	Heard	11	Shot		Small arms	11-Feb, 11:50-11:54
	2km NE	Heard	2	Explosion	Undetermined	N/K	11-Feb, 12:09

Mariupol)							
3km NE of Zaichenko (non-government-controlled, 26km NE of Mariupol)	2-3km SW	Heard	17	Explosion	Undetermined	N/K	11-Feb, 11:12-11:20
	2-3km SW	Heard		Burst	Uncountable	Small arms	11-Feb, 11:12-11:20
	2-3km S	Heard	37	Shot		Small arms	11-Feb, 11:30-11:45
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	11-Feb, 12:00-12:05
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	11-Feb, 12:00-12:05
	2-3km SSW	Heard	30	Shot		HMG	11-Feb, 12:00-12:05
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard	1	Explosion	Undetermined	N/K	10-Feb, 18:43-18:44
	1-3km SSE	Heard	4	Shot		Small arms	10-Feb, 18:47-18:48
	1-3km SE	Heard	1	Explosion	Undetermined	N/K	10-Feb, 18:59
	1-3km S	Heard	1	Explosion	Undetermined	N/K	10-Feb, 19:03
	1-3km SW	Heard	2	Explosion	Undetermined	N/K	10-Feb, 19:08
	1-3km SW	Heard	4	Explosion	Undetermined	N/K	10-Feb, 19:13-19:15
	3-5km WSW	Heard	1	Explosion	Undetermined	AGL	10-Feb, 19:19
	3-5km WSW	Heard	3	Explosion	Undetermined	AGL	10-Feb, 19:32-19:33
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	10-Feb, 19:34
	3-5km WSW	Heard	1	Explosion	Undetermined	N/K	10-Feb, 19:36
	3-5km S	Heard	2	Explosion	Undetermined	N/K	10-Feb, 19:40
	3-5km SW	Heard	12	Explosion	Undetermined	N/K	10-Feb, 19:41-19:44
	3-5km S	Heard	2	Explosion	Undetermined	N/K	10-Feb, 19:46
	3-5km S	Heard	1	Burst		Small arms	10-Feb, 19:47
	3-5km S	Heard	3	Explosion	Undetermined	Small arms	10-Feb, 19:49-19:50
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	10-Feb, 19:50
	3-5km SE	Heard	1	Burst		Small arms	10-Feb, 19:51
	4-6km WSW	Heard	4	Explosion	Undetermined	N/K	10-Feb, 19:53-19:55
	4-6km WSW	Heard	3	Explosion	Undetermined	N/K	10-Feb, 19:57
	3-4km SE	Heard	2	Burst		Small arms	10-Feb, 19:59
	3-5km SE	Heard	1	Burst		Small arms	10-Feb, 20:00
	4-6km WSW	Heard	6	Explosion	Undetermined	N/K	10-Feb, 20:01-20:03
	4-5km SE	Heard	3	Burst		Small arms	10-Feb, 20:05
	5-6km ESE	Heard	1	Explosion	Undetermined	N/K	10-Feb, 20:11
	4-6km SE	Heard	10	Burst		Small arms	10-Feb, 20:13-20:15
	4-6km WSW	Heard	4	Explosion	Undetermined	N/K	10-Feb, 20:13-20:15
	4-6km SE	Heard	8	Explosion	Undetermined	N/K	10-Feb, 20:17-20:21
	4-6km ESE	Heard	4	Burst		Small arms	10-Feb, 20:17-20:20
	5-6km WSW	Heard	2	Explosion	Undetermined	N/K	10-Feb, 20:25
	5-6km SE	Heard	7	Explosion	Undetermined	N/K	10-Feb, 20:25-20:29
4-6km SE	Heard	1	Burst		Small arms	10-Feb, 20:30	
4-6km SE	Heard	2	Explosion	Undetermined	N/K	10-Feb, 20:32	

6-8km WSW	Heard	4	Explosion	Undetermined	N/K	10-Feb, 20:36-20:38
4-6km SSE	Heard	1	Burst		HMG	10-Feb, 20:47
6-8km SSW	Heard	3	Explosion	Undetermined	N/K	10-Feb, 20:49
6-8km SW	Heard	2	Explosion	Undetermined	N/K	10-Feb, 20:53
2-4km SSE	Heard	4	Burst		HMG	10-Feb, 20:57-21:00
6-8km SW	Heard	3	Explosion	Undetermined	N/K	10-Feb, 21:00-21:01
2-4km SSE	Heard	4	Burst		HMG	10-Feb, 21:01
4-6km SSE	Heard	6	Explosion	Undetermined	N/K	10-Feb, 21:03-21:04
2-4km SSE	Heard	3	Burst		HMG	10-Feb, 21:04
4-6km SSE	Heard	1	Explosion	Undetermined	N/K	10-Feb, 21:05
2-4km SSE	Heard	1	Burst		HMG	10-Feb, 21:06
6-8km SW	Heard	2	Explosion	Undetermined	N/K	10-Feb, 21:09
2-4km SSE	Heard	3	Burst		HMG	10-Feb, 21:12
6-8km SSW	Heard	3	Explosion	Undetermined	N/K	10-Feb, 21:14-21:15
2-4km SSE	Heard	1	Burst		HMG	10-Feb, 21:17
6-8km SW	Heard	2	Explosion	Undetermined	N/K	10-Feb, 21:18
2-4km SSE	Heard	3	Burst		HMG	10-Feb, 21:22
6-8km SSW	Heard	2	Explosion	Undetermined	N/K	10-Feb, 21:22
2-4km SSE	Heard	6	Burst		HMG	10-Feb, 21:24-21:25
4-6km SSE	Heard	3	Explosion	Undetermined	N/K	10-Feb, 21:26
2-4km SSE	Heard	1	Burst		HMG	10-Feb, 21:27
2-4km SE	Heard	3	Burst		HMG	10-Feb, 21:31
4-6km SSE	Heard	1	Explosion	Undetermined	N/K	10-Feb, 21:31
2-4km SE	Heard	7	Burst		HMG	10-Feb, 21:34-21:36
6-8km SSW	Heard	3	Explosion	Undetermined	N/K	10-Feb, 21:36
2-4km SSE	Heard	2	Burst		HMG	10-Feb, 21:42
2-4km SE	Heard	1	Explosion	Undetermined	N/K	10-Feb, 21:43
2-4km SE	Heard	1	Burst		HMG	10-Feb, 21:48
6-8km SW	Heard	4	Explosion	Undetermined	N/K	10-Feb, 21:48
4-6km ESE	Heard	2	Burst		HMG	10-Feb, 21:51
6-8km SE	Heard	1	Explosion	Undetermined	N/K	10-Feb, 21:51
2-4km SSE	Heard	3	Burst		HMG	10-Feb, 21:52
6-8km SW	Heard	7	Explosion	Undetermined	N/K	10-Feb, 21:54-21:55
2-4km SSE	Heard	2	Burst		HMG	10-Feb, 21:55
6-8km SW	Heard	4	Explosion	Undetermined	N/K	10-Feb, 21:57
6-8km SW	Heard	5	Burst		HMG	10-Feb, 21:57
2-4km SSE	Heard	21	Shot		Small arms	10-Feb, 22:01-22:04
2-4km SE	Heard	2	Burst		HMG	10-Feb, 22:03
4-6km ESE	Heard	3	Burst		HMG	10-Feb, 22:06
2-4km SSE	Heard	4	Shot		Small arms	10-Feb, 22:17
2-4km SE	Heard	7	Burst		HMG	10-Feb, 22:19
2-4km SE	Heard	4	Explosion	Undetermined	N/K	10-Feb, 22:20
2-4km SSE	Heard		Shot and burst	Uncountable	HMG	10-Feb, 22:22-22:24
2-4km SE	Heard	14	Shot		Small arms	10-Feb, 22:26
2-4km SE	Heard	10	Burst		HMG	10-Feb, 22:27-22:28
2-4km SE	Heard	4	Explosion	Undetermined	N/K	10-Feb, 22:29
4-6km ESE	Heard	6	Shot		Small arms	10-Feb, 22:30
6-8km SSW	Heard	4	Explosion	Undetermined	N/K	10-Feb, 22:30
2-4km SSE	Heard	14	Shot		Small arms	10-Feb, 22:42-22:43
4-6km SE	Heard	2	Burst		Small	10-Feb, 22:45

					arms		
4-6km ESE	Heard	3	Burst		Small arms	10-Feb, 22:47	
4-6km ESE	Heard	1	Explosion	Undetermined	N/K	10-Feb, 22:49	
4-6km ESE	Heard	3	Burst		HMG	10-Feb, 22:49	
4-6km ESE	Heard	15	Burst		HMG	10-Feb, 22:51-22:52	
4-6km ESE	Heard	6	Shot		Small arms	10-Feb, 22:51	
2-4km SE	Heard	6	Shot		Small arms	10-Feb, 22:55	
4-6km ESE	Heard	4	Burst		HMG	10-Feb, 22:55	
4-6km ESE	Heard	12	Shot		Small arms	10-Feb, 22:59	
2-4km SE	Heard	3	Burst		Small arms	10-Feb, 23:01	
4-6km ESE	Heard		Shot and burst	Uncountable	Small arms	10-Feb, 23:04-23:11	
2-4km SE	Heard	5	Shot		Small arms	10-Feb, 23:19	
4-6km ESE	Heard		Shot and burst	Uncountable	Small arms	10-Feb, 23:27-23:34	
2-4km SE	Heard		Shot and burst	Uncountable	Small arms	10-Feb, 23:39-23:44	
2-4km SE	Heard	2	Shot		Small arms	10-Feb, 23:57	
2-3km W	Heard	3	Explosion	Undetermined	N/K	11-Feb, 11:47-11:49	
2-4km W	Heard	3	Explosion	Undetermined	N/K	11-Feb, 12:30	
2-4km W	Heard	2	Explosion	Undetermined	N/K	11-Feb, 12:33	
2-4km W	Heard	1	Explosion	Undetermined	N/K	11-Feb, 12:37	
2-4km W	Heard	3	Explosion	Undetermined	N/K	11-Feb, 13:20-13:23	
2-4km W	Heard	3	Explosion	Undetermined	N/K	11-Feb, 13:39-13:42	
2-4km W	Heard	1	Explosion	Undetermined	N/K	11-Feb, 13:52	
2-4km W	Heard	3	Explosion	Undetermined	N/K	11-Feb, 14:01	
2-4km W	Heard	2	Burst		HMG	11-Feb, 14:01	
2-4km W	Heard	2	Explosion	Undetermined	N/K	11-Feb, 14:07-14:10	
2-4km W	Heard	2	Explosion	Undetermined	N/K	11-Feb, 14:12	
2-4km W	Heard	2	Explosion	Undetermined	N/K	11-Feb, 16:13	
2-4km W	Heard	10	Explosion	Undetermined	N/K	11-Feb, 16:44-16:50	
2-4km W	Heard	2	Burst		Small arms	11-Feb, 17:38	
2-4km W	Heard	1	Shot		Small arms	11-Feb, 17:38	
2-4km W	Heard	9	Explosion	Undetermined	N/K	11-Feb, 17:46-17:48	
2-4km W	Heard	1	Shot		Small arms	11-Feb, 17:47	
2-3km W	Heard	3	Explosion	Undetermined	N/K	11-Feb, 17:55-17:57	
3-5km SE	Heard	1	Burst			11-Feb, 17:55	
2-4km W	Heard	1	Explosion	Undetermined	N/K	11-Feb, 18:04	
2-4km W	Heard	3	Shot		Small arms	11-Feb, 18:06	
2-4km W	Heard	8	Explosion	Undetermined	N/K	11-Feb, 18:06	
2-4km W	Heard	4	Burst		HMG	11-Feb, 18:08	
2-4km W	Heard	1	Explosion	Undetermined	N/K	11-Feb, 18:08	
Horlivka (non-government-controlled,	4-5km W	Heard	10	Burst		Small arms	10-Feb, 19:05-19:10
	4-5km W	Heard	8	Burst		Small arms	10-Feb, 19:15-19:17

39km NE of Donetsk)	4-5km W	Heard	6	Burst		HMG	10-Feb, 19:18-19:19
	4-5km W	Heard	1	Explosion	Undetermined	N/K	10-Feb, 19:19
	4-5km W	Heard	10	Burst		HMG	10-Feb, 19:20-19:30
	3-4km W	Heard	5	Shot		Small arms	10-Feb, 19:20-19:30
	5-6km W	Heard	4	Explosion	Undetermined	N/K	10-Feb, 19:20-19:30
	5-6km W	Heard	6	Explosion	Undetermined	N/K	10-Feb, 19:42-19:47
	5-6km W	Heard	3	Explosion	Undetermined	N/K	10-Feb, 19:50-19:52
	5-6km W	Heard	10	Burst		HMG	10-Feb, 19:52-19:55
	4-6km W	Heard	2	Explosion	Undetermined	N/K	10-Feb, 19:55-20:00
	4-5km W	Heard	5	Burst		HMG	10-Feb, 19:55-20:00
	4-5km W	Heard	4	Burst		HMG	10-Feb, 20:05-20:15
	5-6km SW	Heard	6	Burst		HMG	10-Feb, 20:17-20:20
	6-8km SW	Heard	1	Explosion	Undetermined	N/K	10-Feb, 20:17-20:20
	6-7km SW	Heard	1	Explosion	Undetermined	N/K	10-Feb, 20:25-20:27
	5-6km SW	Heard	2	Burst		HMG	10-Feb, 20:25-20:27
	5-7km W	Heard	10	Explosion	Undetermined	N/K	10-Feb, 20:30-20:45
	5-7km SW	Heard	25	Explosion	Undetermined	N/K	11-Feb, 14:10-14:40
	5-7km SW	Heard	55	Burst		HMG	11-Feb, 14:10-14:45
	5-7km SW	Heard	88	Burst		Small arms	11-Feb, 14:10-14:45
	4-6km SW	Heard	3	Burst		HMG	11-Feb, 15:01-18:29
4-6km W	Heard	2	Burst		HMG	11-Feb, 16:30	
About 500m SW of Novoluhanske (government-controlled, 53km NE of Donetsk)	3-4km SSW	Heard	1	Explosion	Undetermined	N/K	11-Feb, 10:24
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	11-Feb, 10:27
2km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2-4km SW	Heard	7	Explosion	Undetermined	N/K	11-Feb, 09:36-09:40
	2-4km SW	Heard	2	Explosion	Undetermined	N/K	11-Feb, 09:43
	2-4km SW	Heard	8	Shot		Small arms	11-Feb, 10:00
	2-4km SW	Heard	15	Shot		Small arms	11-Feb, 10:04-10:06
	2-4km SW	Heard	3	Burst		Small arms	11-Feb, 10:04-10:06
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	11-Feb, 10:12
	2-4km E	Heard	1	Explosion	Undetermined	N/K	11-Feb, 10:13
	2-4km SW	Heard	5	Burst		HMG	11-Feb, 10:16-10:18
	2-4km NE	Heard	2	Explosion	Undetermined	N/K	11-Feb, 10:18
	2-3km E	Heard	3	Explosion	Undetermined	N/K	11-Feb, 10:24
	2-4km SW	Heard	3	Burst		HMG	11-Feb, 10:49
	2-4km SW	Heard	3	Burst		HMG	11-Feb, 11:10
About 500m	2-3km SW	Heard	3	Burst		HMG	11-Feb, 11:32



NE of Kamianka (government-controlled, 20km N of Donetsk)	1-2km SW	Heard	5	Explosion	Undetermined	N/K	11-Feb, 11:32
	2-4km SW	Heard	3	Explosion	Undetermined	N/K	11-Feb, 11:43
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	11-Feb, 11:50
	3-4km SSW	Heard	4	Explosion	Undetermined	N/K	11-Feb, 12:30-12:37
	2-3km ENE	Heard	25	Burst		Small arms	11-Feb, 12:30-12:37
	2-3km ENE	Heard	15	Shot		Small arms	11-Feb, 12:30-12:37
	3-4km S	Heard	2	Explosion	Undetermined	N/K	11-Feb, 12:38
	2-3km S	Heard	3	Shot		HMG	11-Feb, 12:46
	3-4km ENE	Heard	4	Burst		HMG	11-Feb, 12:50
	2-3km ENE	Heard	4	Burst		Small arms	11-Feb, 12:50
	2-3km SW	Heard	3	Shot		Small arms	11-Feb, 13:00
	2-3km SE	Heard	13	Shot		Small arms	11-Feb, 13:10
	2-3km SE	Heard	4	Explosion	Undetermined	N/K	11-Feb, 13:10-13:11
	2-3km SW	Heard	9	Explosion	Undetermined	N/K	11-Feb, 13:20-13:30
	3-4km SSW	Heard	2	Explosion	Undetermined	N/K	11-Feb, 13:43
3-4km SSW	Heard	5	Burst		HMG	11-Feb, 13:43	
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1.5-3km E	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K	10-Feb, 20:25
	1.5-3km SE	Recorded	2	Projectile	WSW to ENE (unable to assess whether inside or outside the disengagement area)	N/K	10-Feb, 21:27
	1.5-3km SE	Recorded	1	Projectile	WSW to ENE (unable to assess whether inside or outside the disengagement area)	N/K	10-Feb, 21:54
	2-4km SE	Recorded	3	Projectile	SE to NW (assessed as inside the disengagement area)	N/K	10-Feb, 21:59
	2-4km E	Recorded	1	Projectile	NW to SE (unable to assess whether inside or outside the disengagement area)	N/K	11-Feb, 17:52
1.5km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	2-3km SSW	Heard	1	Explosion	Undetermined	Mortar (type N/K)	11-Feb, 09:28
S edge of Zolote-5/Mykhailivka (non-	1-2km NNE	Heard	3	Burst	Assessed as outside the disengagement area	Small arms	11-Feb, 09:36

government-controlled, 58km W of Luhansk)	1-2km NNE	Heard	2	Shot	Assessed as outside the disengagement area	Small arms	11-Feb, 09:36
N edge of Popasna (government-controlled, 69km W of Luhansk)	5-7km SE	Heard	3	Explosion	Undetermined	N/K	11-Feb, 16:50-17:03
	5-7km SE	Heard	50	Burst		Small arms	11-Feb, 16:50-17:03
	5-7km SE	Heard	20	Burst		HMG	11-Feb, 16:50-17:03
	5-7km SE	Heard	1	Explosion	Undetermined		11-Feb, 17:43-17:45
	5-7km SE	Heard	6	Burst		HMG	11-Feb, 17:43-17:45

## 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).