

**Table of ceasefire violations as of 15 March 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	7	Projectile	ENE to WSW	N/K	14-Mar, 18:41
	2-4km SE	Recorded	16	Projectile	NE to SW	N/K	14-Mar, 18:55
	2-4km NE	Recorded	5	Projectile	NE to SW	N/K	14-Mar, 18:56
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	14-Mar, 19:22
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	14-Mar, 19:22
	2-4km SE	Recorded	6	Projectile	NE to SW	N/K	14-Mar, 19:37
	2-4km SE	Recorded	5	Projectile	NE to SW	N/K	14-Mar, 19:41
	2-4km SE	Recorded	25	Projectile	NE to SW	N/K	14-Mar, 19:54
	2-4km SE	Recorded	12	Projectile	ENE to WSW	N/K	14-Mar, 20:09
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	14-Mar, 20:30
	2-4km SE	Recorded	20	Projectile	ENE to WSW	N/K	14-Mar, 20:36
	8-10km S	Recorded	4	Explosion	Undetermined	N/K	14-Mar, 20:43
	2-4km SW	Recorded	1	Projectile	WSW to ENE	N/K	14-Mar, 20:46
	2-4km SW	Recorded	1	Explosion	Impact	N/K	14-Mar, 20:46
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	14-Mar, 20:51
	8-10km S	Recorded	3	Projectile	WSW to ENE	N/K	14-Mar, 20:51
	8-10km S	Recorded	5	Projectile	WSW to ENE	N/K	14-Mar, 20:52
	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	14-Mar, 20:52
	2-4km SSE	Recorded	3	Projectile	WSW to ENE	N/K	14-Mar, 20:53
	2-4km S	Recorded	1	Projectile	WSW to ENE	N/K	14-Mar, 20:57
	2-4km S	Recorded	1	Explosion	Impact	N/K	14-Mar, 20:57
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	14-Mar, 21:27
	2-4km S	Recorded	1	Projectile	WSW to ENE	N/K	14-Mar, 21:29
	2-4km SE	Recorded	8	Projectile	ENE to WSW	N/K	14-Mar, 21:34
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	14-Mar, 22:06
	1-3km SSE	Recorded	6	Projectile	WSW to ENE	N/K	14-Mar, 22:07
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	14-Mar, 22:18
	2-4km SE	Recorded	12	Projectile	NNE to SSW	N/K	14-Mar, 22:48
	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	14-Mar, 23:02
	3-4km SE	Recorded	10	Projectile	ENE to WSW	N/K	14-Mar, 23:32
	3-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	14-Mar, 23:37
	3-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	14-Mar, 23:38
	2-4km SSE	Recorded	3	Projectile	WSW to ENE	N/K	14-Mar, 23:38
	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	15-Mar, 00:40
	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	15-Mar, 00:41
	3-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	15-Mar, 02:02
	2-4km SE	Recorded	10	Projectile	ENE to WSW	N/K	15-Mar, 02:45
	4-6km SSW	Recorded	2	Projectile	WSW to ENE	N/K	15-Mar, 03:01
	2-4km SSW	Recorded	7	Projectile	ENE to WSW	N/K	15-Mar, 03:07
	2-4km SE	Recorded	7	Projectile	ENE to WSW	N/K	15-Mar, 03:09
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	15-Mar, 03:10
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	15-Mar, 03:13
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	15-Mar, 03:45
2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	15-Mar, 03:57	
2-4km SE	Recorded	11	Projectile	ENE to WSW	N/K	15-Mar, 04:00	
2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	15-Mar, 04:01	
2-4km SSE	Recorded	5	Projectile	WSW to ENE	N/K	15-Mar, 04:03	
2-4km SE	Recorded	12	Projectile	ENE to WSW	N/K	15-Mar, 04:18	
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	15-Mar, 04:22	
2-4km SE	Recorded	13	Projectile	ENE to WSW	N/K	15-Mar, 04:38	
2-4km SE	Recorded	13	Projectile	ENE to WSW	N/K	15-Mar, 04:39	

<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.

	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	15-Mar, 04:54
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 04:55
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	15-Mar, 05:07
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	15-Mar, 18:27
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	15-Mar, 18:28
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SW	Recorded	1	Projectile	E to W	N/K	14-Mar, 18:57
	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	14-Mar, 19:01
	1-3km SSW	Recorded	1	Projectile	N to S	N/K	14-Mar, 19:01
	1-2km SSW	Recorded	1	Projectile	NNE to SSW	N/K	14-Mar, 19:03
	1-2km SSW	Recorded	1	Projectile	NNW to SSE	N/K	14-Mar, 19:03
	1-2km SSW	Recorded	1	Burst	WNW to ESE	N/K	14-Mar, 19:05
	1-2km SSW	Recorded	1	Projectile	SE to NW	N/K	14-Mar, 19:45
	1-3km SSW	Recorded	1	Projectile	NNW to SSE	N/K	14-Mar, 20:40
	1-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	14-Mar, 20:40
	1-3km SSW	Recorded	1	Projectile	NNE to SSW	N/K	14-Mar, 20:40
	1-3km SSW	Recorded	2	Explosion	Undetermined	N/K	14-Mar, 20:43
	1-3km SSW	Recorded	4	Projectile	NW to SE	N/K	14-Mar, 20:43
	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	14-Mar, 20:44
	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	14-Mar, 21:32
	1-3km SSW	Recorded	2	Projectile	SE to NW	N/K	14-Mar, 21:33
	1-3km SSW	Recorded	3	Projectile	NW to SE	N/K	14-Mar, 21:33
	SSW	Recorded		Projectile	In vertical flight	N/K	14-Mar, 21:33
	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	14-Mar, 21:36
	1-3km SSW	Recorded	1	Projectile	In vertical flight	N/K	14-Mar, 21:36
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	14-Mar, 21:47
	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	14-Mar, 21:49
	1-3km SSW	Recorded	1	Projectile	In vertical flight	N/K	14-Mar, 21:54
	1-3km SSW	Recorded	2	Projectile	SE to NW	N/K	14-Mar, 22:00
	1-3km S	Recorded	1	Projectile	ENE to WSW	N/K	14-Mar, 22:26
	1-3km SSW	Recorded	2	Projectile	ENE to WSW	N/K	14-Mar, 23:37
	1-3km S	Recorded	2	Projectile	ENE to WSW	N/K	14-Mar, 23:38
	1-3km S	Recorded		Projectile	ESE to WNW	N/K	14-Mar, 23:38
	1-3km SSW	Recorded	1	Illumination flare	NW to SE	N/K	14-Mar, 23:43
	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	14-Mar, 23:44
	1-3km SSW	Recorded	1	Projectile	In vertical flight	N/K	14-Mar, 23:44
	1-3km S	Recorded	1	Projectile	SE to NW	N/K	15-Mar, 02:48
	0.5-1km S	Recorded	1	Illumination flare	In vertical flight	N/K	15-Mar, 18:21
	200-500m SSE	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 18:21
	200-500m SSE	Recorded	1	Explosion	Impact	N/K	15-Mar, 18:21
	0.5-1km SSW	Recorded	3	Projectile	SW to NE	N/K	15-Mar, 18:24
	200-500m SSW	Recorded	10	Projectile	NW to SE	N/K	15-Mar, 18:24
	0.5-1km S	Recorded	1	Explosion	Impact	N/K	15-Mar, 18:25
	200-500m SSW	Recorded	1	Projectile	NW to SE	N/K	15-Mar, 18:25
	200-500m SSW	Recorded	2	Explosion	Impact	N/K	15-Mar, 18:26
	200-500m SSW	Recorded	6	Projectile	SW to NE	N/K	15-Mar, 18:29
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km ESE	Recorded	2	Projectile	NW to SE	N/K	14-Mar, 21:33
	2-4km ESE	Recorded	1	Projectile	WNW to ESE	N/K	14-Mar, 21:33
	3-4km E	Recorded	2	Projectile	S to N	N/K	14-Mar, 23:29
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-5km E	Recorded	4	Projectile	SSE to NNW	N/K	14-Mar, 18:28
	2-5km ENE	Recorded	16	Projectile	NNW to SSE	N/K	14-Mar, 20:51
	2-5km ENE	Recorded	5	Projectile	NNW to SSE	N/K	14-Mar, 20:52
	2-5km ENE	Recorded	2	Projectile	NNW to SSE	N/K	14-Mar, 21:43
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	14-Mar, 18:31

SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km NE	Recorded	1	Illumination flare	In vertical flight	N/K	14-Mar, 21:30
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	2	Projectile	NW to SE	N/K	14-Mar, 18:46
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	14-Mar, 19:23
	2-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	14-Mar, 20:37
	2-5km S	Recorded	7	Explosion	Undetermined	N/K	14-Mar, 20:43
	2-4km S	Recorded	12	Projectile	WNW to ESE	N/K	14-Mar, 20:51
	2-4km S	Recorded	4	Projectile	WNW to ESE	N/K	14-Mar, 20:52
	2-4km S	Recorded	5	Burst	WNW to ESE	N/K	14-Mar, 21:14
	2-4km S	Recorded	13	Burst	WNW to ESE	N/K	14-Mar, 21:15
	2-4km S	Recorded	4	Projectile	WNW to ESE	N/K	14-Mar, 21:16
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	14-Mar, 21:33
	2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	14-Mar, 21:33
	2-4km S	Recorded	1	Projectile	WNW to ESE	N/K	14-Mar, 21:43
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	14-Mar, 22:31
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	14-Mar, 22:32
	2-4km E	Recorded	4	Projectile	E to W	N/K	14-Mar, 23:18
	2-4km S	Recorded	3	Projectile	ENE to WSW	N/K	14-Mar, 18:26
	2-4km S	Recorded	1	Projectile	NNW to SSE	N/K	14-Mar, 18:31
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	14-Mar, 18:31
2-4km SSE	Recorded	2	Projectile	W to E	N/K	15-Mar, 03:01	
2-4km SSE	Recorded	7	Projectile	E to W	N/K	15-Mar, 03:07	
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	11	Explosion	Undetermined	N/K	15-Mar, 09:12-09:30
	2-3km SE	Heard	4	Shot		Small arms	15-Mar, 09:12-09:30
	2-3km SE	Heard	6	Explosion	Outgoing	N/K	15-Mar, 10:15-11:01
	2-3km S	Heard	1	Explosion	Outgoing	N/K	15-Mar, 10:15-11:01
	2-3km SE	Heard	32	Shot		Small arms	15-Mar, 10:15-11:01
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	15-Mar, 11:02-12:15
	2-3km SE	Heard	2	Explosion	Outgoing	N/K	15-Mar, 12:15-12:46
	2-3km SE	Heard	19	Shot		Small arms	15-Mar, 12:15-12:46
	1-2km SE	Heard	29	Shot		Small arms	15-Mar, 13:40-14:05
	1-2km SE	Heard	13	Burst		HMG	15-Mar, 13:40-14:05
About 1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3km WSW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 10:35
	3-5km W	Heard	1	Explosion	Undetermined	N/K	15-Mar, 12:33
	5-7km W	Heard	7	Explosion	Undetermined	N/K	15-Mar, 12:42-12:48
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 13:05
	2-4km SW	Heard	5	Burst		Small arms	15-Mar, 13:18
	3km SSW	Heard	6	Shot		Small arms	15-Mar, 13:33
Chermalyk (government-controlled, 31km NE of Mariupol)	N/K NE	Heard	1	Explosion	Undetermined	N/K	15-Mar, 09:55
Konkove (non-government-controlled, 79km S of Donetsk)	N/K SE	Heard	4	Explosion	Undetermined	N/K	15-Mar, 11:17-11:20
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km SE	Heard	3	Burst		HMG	14-Mar, 19:42
	2-4km SE	Heard	2	Burst		HMG	14-Mar, 20:16
	2-4km SE	Heard	3	Burst		HMG	14-Mar, 20:19
	2-4km SE	Heard	9	Shot		Small arms	14-Mar, 20:19
	2-4km SE	Heard	7	Burst		HMG	14-Mar, 20:42

	2-4km SE	Heard	1	Explosion	Undetermined	N/K	14-Mar, 20:43
	4-6km SW	Heard	20	Burst		HMG	14-Mar, 20:53-20:55
	2-4km SE	Heard	2	Burst		HMG	14-Mar, 21:19
	3-6km SE	Heard	2	Explosion	Undetermined	N/K	14-Mar, 21:19
	2-4km SE	Heard	2	Burst		HMG	14-Mar, 22:05
	3-6km SE	Heard	4	Explosion	Undetermined	N/K	14-Mar, 22:08-22:10
	2-4km SE	Heard	3	Burst		HMG	14-Mar, 22:43
	2-4km SE	Heard	2	Burst		HMG	14-Mar, 22:52
	2-4km SE	Heard	5	Shot		Small arms	14-Mar, 22:52
	2-4km SE	Heard	9	Shot		Small arms	14-Mar, 23:29-23:30
	2-4km SE	Heard	3	Burst		HMG	14-Mar, 23:39-23:40
	2-4km SE	Heard	11	Burst		HMG	14-Mar, 23:51-23:54
	2-6km SE	Heard	3	Explosion	Undetermined	N/K	14-Mar, 23:56-23:57
	2-4km SE	Heard	12	Burst		HMG	14-Mar, 23:56-23:57
	2-4km SE	Heard	4	Burst		HMG	14-Mar, 23:59
	4-5km SE	Heard	8	Explosion	Undetermined	N/K	15-Mar, 14:48-14:52
	4-5km SE	Heard	8	Explosion	Undetermined	N/K	15-Mar, 15:30
	2-3km SE	Heard	21	Burst		HMG	15-Mar, 15:33-15:36
	2-4km SE	Heard	7	Explosion	Undetermined	N/K	15-Mar, 16:26
	4-5km S	Heard	14	Burst		HMG	15-Mar, 16:32-16:34
2-4km S	Heard	5	Burst		Small arms	15-Mar, 16:41	
4-5km S	Heard	5	Explosion	Undetermined	N/K	15-Mar, 16:53	
About 1.5km SSE of Kamianka (government-controlled, 23km N of Donetsk)	5-7km SW	Heard	10	Explosion	Undetermined	N/K	15-Mar, 08:50-09:00
	5-7km SW	Heard	2	Burst		HMG	15-Mar, 08:50-09:00
	4-6km SSW	Heard	2	Explosion	Undetermined	N/K	15-Mar, 09:11
	4-6km SSW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 09:14
	4-6km SSW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 09:16
	4-6km SSW	Heard	4	Explosion	Undetermined	N/K	15-Mar, 09:17-09:20
	4-6km SSW	Heard	2	Explosion	Undetermined	N/K	15-Mar, 09:26
	4-6km SSW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 09:40
	3-4km S	Heard	1	Explosion	Undetermined	N/K	15-Mar, 10:14
	4-5km SSW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 10:35
	4-5km SSW	Heard	2	Explosion	Undetermined	N/K	15-Mar, 10:49
	4-5km SSW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 11:21
	4-5km SSW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 11:25
	5-7km W	Heard	1	Explosion	Undetermined	N/K	15-Mar, 11:27
	2-4km E	Heard	1	Explosion	Undetermined	N/K	15-Mar, 12:00
	2-4km SE	Heard	16	Burst		Small arms	15-Mar, 12:07
	3-4km E	Heard	2	Explosion	Undetermined	N/K	15-Mar, 12:08
	0.5-1km NE	Heard	15	Burst		HMG	15-Mar, 12:12
	3-4km SE	Heard	20	Explosion	Undetermined	N/K	15-Mar, 12:23
	3-4km E	Heard	17	Burst		Small arms	15-Mar, 12:25
4-5km ESE	Heard	10	Burst		HMG	15-Mar, 12:30	
4-5km ESE	Heard	2	Explosion	Undetermined	N/K	15-Mar, 12:35	
4-5km ESE	Heard	25	Burst		HMG	15-Mar, 12:40-12:44	
4-5km ESE	Heard	58	Burst		HMG	15-Mar, 12:50-12:55	

	4-5km E	Heard	2	Explosion	Undetermined	N/K	15-Mar, 13:06
About 4km NNE of Novoselivka Druha (government-controlled, 23km N of Donetsk)	2-3km E	Heard	1	Explosion	Undetermined	N/K	15-Mar, 11:20
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1-3km ENE	Recorded	2	Projectile	S to N (assessed as outside the disengagement area)	N/K	15-Mar, 00:07
E edge of Stanytsia Luhanska (government-controlled, 16km SE of Luhansk)	3-4km SSW	Heard	1	Shot	Assessed as inside the disengagement area	Small arms	15-Mar, 02:49
	3-4km SSW	Heard	1	Shot	Assessed as inside the disengagement area	Small arms	15-Mar, 03:28
	3-4km SSW	Heard	1	Shot	Assessed as inside the disengagement area	Small arms	15-Mar, 04:27
NW edge of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	8-10km SW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 09:15
Holubivske (non-government-controlled, 51km W of Luhansk)	2-4km NE	Heard	6	Explosion	Undetermined	N/K	15-Mar, 09:52-10:05
	2-4km NE	Heard	33	Shot		Small arms	15-Mar, 09:52-10:05
	2-4km NE	Heard	1	Explosion	Undetermined	N/K	15-Mar, 10:15-10:35
	2-4km NE	Heard	13	Shot		Small arms	15-Mar, 10:15-10:35
	2-4km NE	Heard	16	Burst		Small arms	15-Mar, 10:15-10:35
NW edge of Troitske (government-controlled, 69km W of Luhansk)	3-5km SW	Heard	20	Shot		Small arms	15-Mar, 10:00-10:06
	3-5km SW	Heard	10	Burst		Small arms	15-Mar, 10:00-10:06
	3-5km SW	Heard	20	Shot		Small arms	15-Mar, 10:23-10:25
	3-5km SW	Heard	20	Burst		Small arms	15-Mar, 10:23-10:25
1.5km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	2-3km NW	Heard	50	Shot		Small arms	15-Mar, 10:50-10:57
	2-3km NW	Heard	35	Burst		HMG	15-Mar, 10:50-10:57
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 13:16
1km NE of Novozvanivka (government-controlled, 70km W of Luhansk)	7-9km SSW	Heard	6	Explosion	Undetermined	N/K	15-Mar, 11:35-11:40
Zolote (government-controlled, 60km W of Luhansk)	2km SE	Heard	3	Shot	Assessed as outside the disengagement area	Small arms	15-Mar, 11:40-11:42
W edge of Pervomaisk (non-government-controlled, 58km W of Luhansk)	3-5km NNW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Mar, 12:50

## 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).