

Table of ceasefire violations as of 13 November 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SSE	Recorded	11	Projectile	In vertical flight	N/K	12-Nov, 22:19
	2-4km SSE	Recorded	1	Projectile	In vertical flight	N/K	12-Nov, 22:20
	3-5km SSE	Recorded	2	Projectile	SW to NE	N/K	13-Nov, 01:45
	3-5km SSE	Recorded	1	Projectile	NNE to SSW	N/K	13-Nov, 02:39
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	12-Nov, 19:04
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	12-Nov, 19:04
	2-4km SSE	Recorded	22	Projectile	ENE to WSW	N/K	12-Nov, 19:10
	2-4km SSE	Recorded	13	Projectile	ENE to WSW	N/K	12-Nov, 19:12
	2-4km SSE	Recorded	5	Projectile	WSW to ENE	N/K	12-Nov, 19:12
	2-4km SE	Recorded	26	Projectile	ENE to WSW	N/K	12-Nov, 19:13
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	12-Nov, 19:14
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	12-Nov, 19:15
	2-4km SSE	Recorded	3	Projectile	WSW to ENE	N/K	12-Nov, 19:25
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	12-Nov, 19:26
	2-3km SE	Recorded	3	Projectile	ENE to WSW	N/K	13-Nov, 01:27
	2-3km SE	Recorded	2	Projectile	NE to SW	N/K	13-Nov, 01:28
	2-4km SE	Recorded	11	Projectile	ENE to WSW	N/K	13-Nov, 02:11
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	13-Nov, 02:15
	2-4km SE	Recorded	1	Projectile	In vertical flight	N/K	13-Nov, 02:22
	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	13-Nov, 02:22
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	13-Nov, 02:22
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	13-Nov, 16:49
	2-4km SSE	Recorded	3	Projectile	WSW to ENE	N/K	13-Nov, 17:11
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	13-Nov, 17:13
	2-4km SE	Recorded	12	Projectile	ENE to WSW	N/K	13-Nov, 17:37
	2-4km SE	Recorded	10	Projectile	ENE to WSW	N/K	13-Nov, 17:38
	2-4km S	Recorded	3	Explosion	Undetermined	N/K	13-Nov, 17:39
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 17:40
2-4km S	Recorded	1	Projectile	ENE to WSW	N/K	13-Nov, 17:40	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	5	Projectile	NW to SE	N/K	12-Nov, 19:16
	1-2km SSW	Recorded	1	Projectile	NW to SE	N/K	12-Nov, 19:45
	1-2km SSW	Recorded	2	Projectile	NW to SE	N/K	12-Nov, 19:56
	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	12-Nov, 20:06
	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	12-Nov, 20:44
	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	12-Nov, 20:58
	1-3km SSW	Recorded	2	Projectile	NW to SE	N/K	12-Nov, 21:43
	2-3km SSW	Recorded	2	Projectile	E to W	N/K	12-Nov, 22:15
	2-3km SSW	Recorded	2	Projectile	NW to SE	N/K	12-Nov, 22:21
	2-3km SSW	Recorded	1	Projectile	E to W	N/K	12-Nov, 22:23
	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	12-Nov, 22:38
	1-2km S	Recorded	2	Projectile	WNW to ESE	N/K	13-Nov, 00:09
	2-3km SSW	Recorded	2	Projectile	WNW to ESE	N/K	13-Nov, 00:44
	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	13-Nov, 00:45
	2-3km SSW	Recorded	2	Projectile	WNW to ESE	N/K	13-Nov, 00:49
	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	13-Nov, 01:44
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 02:01

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.

	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	13-Nov, 02:18
	2-3km SSW	Recorded	1	Projectile	NW to SE	N/K	13-Nov, 02:34
	2-3km SSW	Recorded	4	Projectile	WNW to ESE	N/K	13-Nov, 03:04
	2-4km SSW	Recorded	1	Projectile	NW to SE	N/K	13-Nov, 17:48
	2-4km SSW	Recorded	7	Projectile	W to E	N/K	13-Nov, 17:53
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 17:53
	2-4km SW	Recorded	1	Projectile	W to E	N/K	13-Nov, 17:57
	2-4km SW	Recorded	1	Projectile	NW to SE	N/K	13-Nov, 17:57
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km E	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 21:02
	2-4km ENE	Recorded	11	Projectile	N to S	N/K	12-Nov, 22:31
	2-4km ESE	Recorded	2	Projectile	N to S	N/K	12-Nov, 22:51
	2-4km NE	Recorded	11	Projectile	N to S	N/K	13-Nov, 01:28
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km E	Recorded	1	Projectile	NW to SE	N/K	12-Nov, 19:08
	2-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	13-Nov, 03:01
	2-7km ENE	Recorded	6	Projectile	S to N	N/K	13-Nov, 16:59
	2-7km ENE	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 16:59
	2-7km ENE	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 17:02
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-7km ENE	Recorded	1	Projectile	N to S	N/K	13-Nov, 17:03
	3-5km N	Recorded	1	Projectile	W to E	N/K	13-Nov, 16:52
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 22:51
	3-5km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	12-Nov, 23:55
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 02:51
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km E	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 04:46
	2-4km E	Recorded	1	Projectile	N to S	N/K	13-Nov, 04:46
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	5	Shot		Small arms	13-Nov, 09:39
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	5-8km N	Heard	6	Explosion	Undetermined	N/K	13-Nov, 09:14-09:19
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km NNW	Heard	8	Shot		Small arms	13-Nov, 10:30
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	2-3km NE	Heard	2	Explosion	Undetermined	N/K	13-Nov, 13:21
	2-3km NE	Heard	2	Explosion	Undetermined	N/K	13-Nov, 13:35
	2-3km NE	Heard	2	Explosion	Undetermined	N/K	13-Nov, 13:38
	2-3km NE	Heard	2	Explosion	Undetermined	N/K	13-Nov, 13:40
	2-3km NE	Heard	2	Explosion	Undetermined	N/K	13-Nov, 13:50
	3km SW	Heard	1	Explosion	Undetermined	N/K	13-Nov, 14:33
Chermalyk (government-controlled, 31km NE of Mariupol)	N/K N	Heard	4	Explosion	Undetermined	N/K	13-Nov, 10:20-10:38
	N/K N	Heard	12	Explosion	Outgoing	N/K	13-Nov, 10:20-10:38
	N/K E	Heard	12	Explosion	Impact (subsequent impacts)	N/K	13-Nov, 10:20-10:38
	N/K NE	Heard	4	Explosion	Undetermined	N/K	13-Nov, 10:20-10:38
	N/K N	Heard	1	Explosion	Outgoing	N/K	13-Nov, 10:20-10:38
	N/K E	Heard	1	Explosion	Impact (subsequent impact)	N/K	13-Nov, 10:20-10:38
4km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	1km NNE	Heard	6	Shot		Small arms	13-Nov, 10:52-10:54
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	12-Nov, 19:07

Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SSE	Heard	3	Burst		HMG	12-Nov, 19:08
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	12-Nov, 19:10
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	12-Nov, 19:12
	4-5km SSE	Heard	2	Explosion	Undetermined	N/K	12-Nov, 19:45-19:46
	3-4km SSE	Heard	4	Explosion	Undetermined	N/K	12-Nov, 19:55-19:56
	3-4km SSE	Heard	5	Explosion	Undetermined	N/K	12-Nov, 20:18-20:20
	3-4km SSE	Heard	5	Burst		HMG	12-Nov, 20:19
	3-4km SSE	Heard	2	Explosion	Undetermined	N/K	12-Nov, 21:17
	3-4km SSE	Heard	2	Burst		HMG	12-Nov, 21:19
	3-4km SSE	Heard	6	Explosion	Undetermined	N/K	12-Nov, 21:25
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	12-Nov, 21:33
	3-4km SSE	Heard	10	Burst		HMG	12-Nov, 21:35-21:38
	3-4km SSE	Heard	3	Explosion	Undetermined	N/K	12-Nov, 21:40
	3-4km SSE	Heard	5	Explosion	Undetermined	N/K	12-Nov, 22:31-22:35
	3-4km SSE	Heard	10	Burst		HMG	12-Nov, 22:32-22:33
	3-4km SSE	Heard	8	Explosion	Undetermined	N/K	12-Nov, 22:35-22:37
	3-4km SSE	Heard	11	Explosion	Undetermined	N/K	12-Nov, 22:40-22:45
	3-4km SSE	Heard	5	Burst		HMG	12-Nov, 22:43
	3-4km SSE	Heard	8	Explosion	Undetermined	N/K	12-Nov, 22:46-22:48
	3-4km SSE	Heard	5	Burst		HMG	12-Nov, 23:45-23:46
3-4km SSE	Heard	3	Burst		HMG	12-Nov, 23:48	
3-4km SSE	Heard	5	Burst		HMG	12-Nov, 23:58	
3-4km SSE	Heard	17	Burst		HMG	13-Nov, 17:55-18:20	
3-4km SSE	Heard	8	Explosion	Undetermined	N/K	13-Nov, 17:55-18:20	
N edge of Horlivka (non-government-controlled, 39km NE of Donetsk)	4-6km WSW	Heard	2	Explosion	Undetermined	N/K	13-Nov, 09:14
	4-6km S	Heard	1	Explosion	Undetermined	N/K	13-Nov, 09:23
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	13-Nov, 09:30
	2-3km S	Heard	1	Explosion	Undetermined	N/K	13-Nov, 09:55
	4-6km S	Heard	5	Explosion	Undetermined	N/K	13-Nov, 11:23
	4-6km SSE	Heard	4	Explosion	Undetermined	N/K	13-Nov, 11:41
	3-5km S	Heard	1	Explosion	Undetermined	N/K	13-Nov, 11:58
	3-5km S	Heard	3	Explosion	Undetermined	N/K	13-Nov, 12:15
	3-5km S	Heard	4	Explosion	Undetermined	N/K	13-Nov, 12:35
	3-5km S	Heard	3	Explosion	Undetermined	N/K	13-Nov, 12:48
3-5km	Heard	13	Explosion	Undetermined	N/K	13-Nov, 13:03-13:09	
E edge of Kamianka (government-controlled, 20km N of Donetsk)	3-5km NE	Heard	2	Explosion	Undetermined	N/K	13-Nov, 09:30
	3-5km NNE	Heard	1	Explosion	Undetermined	N/K	13-Nov, 11:37
N edge of Popasna (government-controlled, 69km W of Luhansk)	2-5km ESE	Heard	6	Explosion	Undetermined	N/K	13-Nov, 08:15-08:20
NE outskirts of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	5-7km NNE	Heard	1	Explosion	Undetermined	N/K	13-Nov, 09:06
NW part of Holubivske (non-government-controlled, 51km W of Luhansk)	4-5km NW	Heard	10	Explosion	Undetermined	Mortar (120mm)	13-Nov, 09:30-10:10
	4-5km NNE	Heard	15	Explosion	Undetermined	Mortar (120mm)	13-Nov, 09:30-10:10
S edge of the disengagement area near Zolote (government-controlled, 60km W of Luhansk)	7-10km NE	Heard	18	Explosion	Undetermined (assessed as outside the	N/K	13-Nov, 10:00-10:12

					disengagement area)		
	7-10km NE	Heard	19	Burst	Assessed as outside the disengagement area	HMG	13-Nov, 10:00-10:12
2.9km SSE of Bobrove (government-controlled, 56km NW of Luhansk)	5-7km SW	Heard	2	Explosion	Undetermined	N/K	13-Nov, 10:14
2.3km S of Muratove (government-controlled, 51km NW of Luhansk)	7-8km SSE	Heard	2	Explosion	Undetermined	N/K	13-Nov, 10:44
NE edge of Orikhove (government-controlled, 57km NW of Luhansk)	4-5km SE	Heard	8	Burst		HMG	13-Nov, 11:20-11:23
1.5km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	7-10km NE	Heard	18	Explosion	Undetermined	N/K	13-Nov, 13:10-13:15

Map of Donetsk and Luhansk regions²



²The 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).