

Table of ceasefire violations as of 31 October 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	5	Projectile	SW to NE	N/K	30-Oct, 17:01
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	30-Oct, 18:39
	2-4km SE	Recorded	2	Projectile	SW to NE	N/K	30-Oct, 21:03
	2-4km SE	Recorded	6	Projectile	SW to NE	N/K	30-Oct, 21:20
	2-4km SE	Recorded	1	Muzzle flash		N/K	30-Oct, 21:20
	2-4km ESE	Recorded	1	Projectile	SW to NE	N/K	30-Oct, 22:05
	2-4km ESE	Recorded	2	Projectile	SW to NE	N/K	30-Oct, 22:26
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SE	Recorded	2	Projectile	SW to NE	N/K	31-Oct, 04:55
	3-5km SE	Recorded	9	Projectile	ENE to WSW	N/K	30-Oct, 18:00
	3-5km SE	Recorded	9	Projectile	ENE to WSW	N/K	30-Oct, 18:01
	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	30-Oct, 18:01
	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	30-Oct, 18:01
	3-5km SE	Recorded	5	Projectile	ENE to WSW	N/K	30-Oct, 18:03
	3-5km SE	Recorded	1	Projectile	NE to SW	N/K	30-Oct, 18:03
	3-5km SSE	Recorded	2	Projectile	WNW to ESE	N/K	30-Oct, 18:04
	3-5km SE	Recorded	19	Projectile	ENE to WSW	N/K	30-Oct, 18:04
	3-5km SE	Recorded	19	Projectile	ENE to WSW	N/K	30-Oct, 18:05
	3-5km S	Recorded	6	Projectile	WSW to ENE	N/K	30-Oct, 18:05
	3-5km S	Recorded	1	Projectile	WSW to ENE	N/K	30-Oct, 18:06
	3-5km SE	Recorded	2	Projectile	ENE to WSW	N/K	30-Oct, 18:06
	3-5km S	Recorded	9	Projectile	WSW to ENE	N/K	30-Oct, 18:07
	3-5km S	Recorded	1	Projectile	WSW to ENE	N/K	30-Oct, 18:08
	3-5km S	Recorded	1	Projectile	WSW to ENE	N/K	30-Oct, 18:13
	3-5km S	Recorded	2	Projectile	WSW to ENE	N/K	30-Oct, 18:15
	3-5km SE	Recorded	2	Projectile	ENE to WSW	N/K	30-Oct, 18:15
	3-5km SE	Recorded	1	Explosion	Impact	N/K	30-Oct, 18:15
	3-5km S	Recorded	2	Projectile	WSW to ENE	N/K	30-Oct, 18:16
	3-5km SE	Recorded	9	Projectile	ENE to WSW	N/K	30-Oct, 18:18
	3-5km SSE	Recorded	3	Projectile	NE to SW	N/K	30-Oct, 18:18
	3-5km SSE	Recorded	2	Explosion	Undetermined	N/K	30-Oct, 18:18
	3-5km SSE	Recorded	2	Projectile	WSW to ENE	N/K	30-Oct, 18:18
	3-5km SSE	Recorded	2	Projectile	W to E	N/K	30-Oct, 18:20
	3-5km SSE	Recorded	10	Projectile	W to E	N/K	30-Oct, 18:21
	3-5km SE	Recorded	5	Projectile	ENE to WSW	N/K	30-Oct, 18:21
	3-5km SSE	Recorded	14	Muzzle flash		N/K	30-Oct, 18:22
	3-5km SSE	Recorded	9	Projectile	ENE to WSW	N/K	30-Oct, 18:22
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	30-Oct, 18:22
	3-5km SE	Recorded	9	Projectile	ENE to WSW	N/K	30-Oct, 18:23
	2-4km S	Recorded	1	Projectile	WSW to ENE	N/K	30-Oct, 19:30
	2-4km SSE	Recorded	13	Projectile	WSW to ENE	N/K	30-Oct, 19:31
2-4km S	Recorded	2	Projectile	WSW to ENE	N/K	30-Oct, 19:32	
2-4km S	Recorded	3	Projectile	WSW to ENE	N/K	30-Oct, 19:33	
2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	30-Oct, 19:47	
2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	30-Oct, 20:58	
2-4km SSE	Recorded	4	Projectile	WSW to ENE	N/K	30-Oct, 21:00	
2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	30-Oct, 22:54	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	30-Oct, 17:13
	2-3km SSW	Recorded	1	Muzzle flash		N/K	30-Oct, 17:13
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	30-Oct, 18:18
	2-3km SSW	Recorded	2	Projectile	E to W	N/K	30-Oct, 18:22
	1-2km S	Recorded	1	Projectile	ESE to WNW	N/K	30-Oct, 18:55
	1-2km S	Recorded	1	Projectile	E to W	N/K	30-Oct, 20:09
	1-3km S	Recorded	1	Projectile	E to W	N/K	30-Oct, 20:10

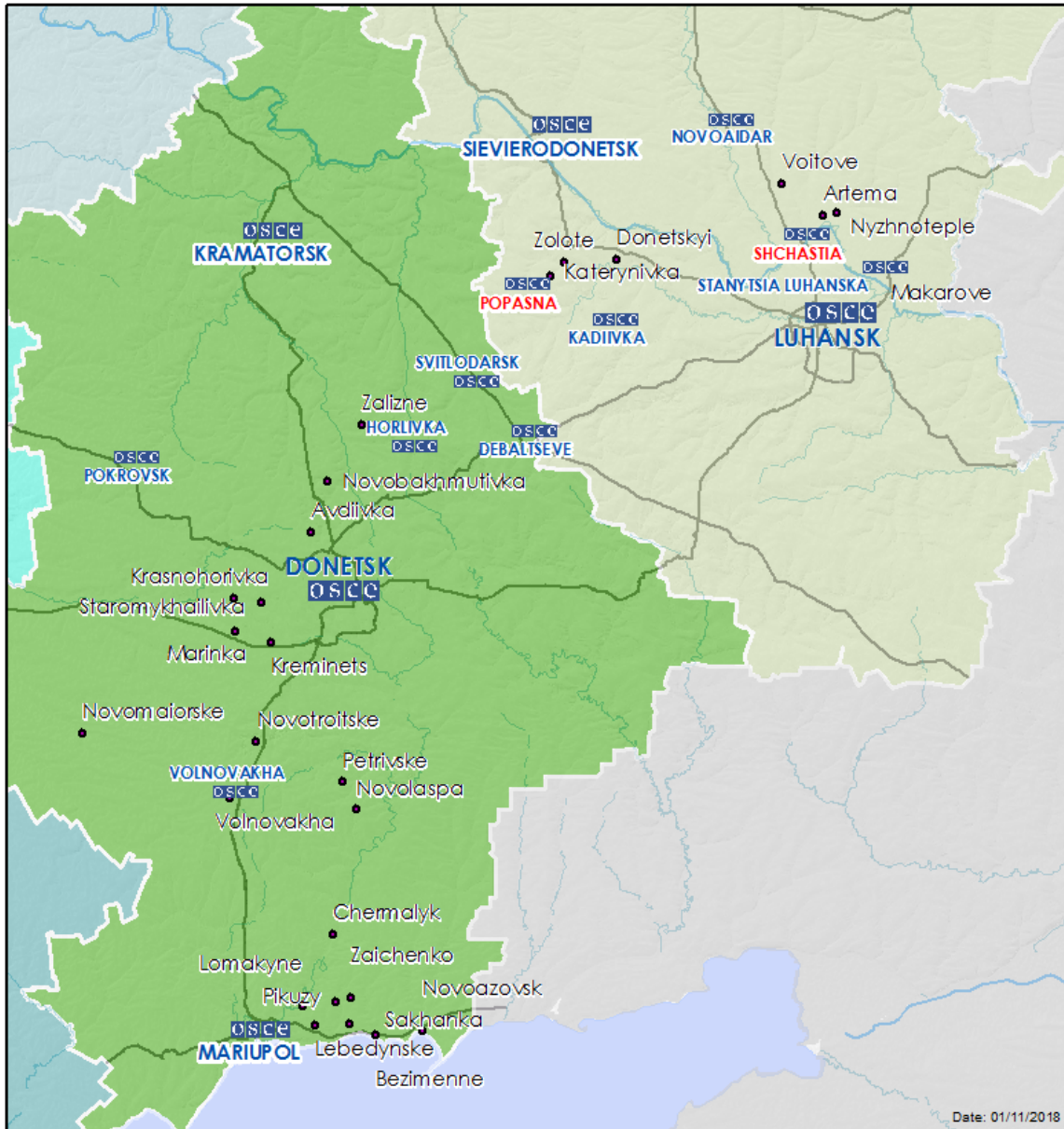
¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, 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.

	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	30-Oct, 21:09
	1-3km SSW	Recorded	2	Projectile	SSW to NNE	N/K	30-Oct, 21:09
	1-3km SSW	Recorded	3	Explosion	Undetermined	N/K	30-Oct, 21:09
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	30-Oct, 21:31
	1-3km S	Recorded	12	Explosion	Undetermined	N/K	30-Oct, 21:32
	1-3km S	Recorded	10	Explosion	Undetermined	N/K	30-Oct, 21:33
	1-3km SSW	Recorded	4	Projectile	WNW to ESE	N/K	30-Oct, 21:33
	1-3km SSW	Recorded	3	Projectile	S to N	N/K	30-Oct, 21:33
	2-3km SSW	Recorded	1	Projectile	NW to SE	N/K	30-Oct, 21:33
	0.5-1km SSW	Recorded	3	Projectile	WNW to ESE	N/K	30-Oct, 22:31
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	31-Oct, 03:35
SMM camera 1.5km NE of Hnutove (government- controlled, 20km NE of Mariupol)	2-4km E	Recorded	8	Projectile	N to S	N/K	30-Oct, 18:49
	2-4km E	Recorded	1	Projectile	N to S	N/K	30-Oct, 18:50
	2-4km E	Recorded	1	Projectile	N to S	N/K	30-Oct, 18:51
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	30-Oct, 18:52
	2-4km NE	Recorded	2	Projectile	S to N	N/K	30-Oct, 18:53
	2-4km SE	Recorded	4	Projectile	S to N	N/K	30-Oct, 18:57
	2-4km E	Recorded	3	Projectile	N to S	N/K	30-Oct, 18:57
	2-4km E	Recorded	3	Muzzle flash		N/K	30-Oct, 18:58
	2-4km SE	Recorded	1	Projectile	S to N	N/K	30-Oct, 18:59
	2-4km E	Recorded	2	Projectile	N to S	N/K	30-Oct, 18:59
	2-4km ENE	Recorded	5	Projectile	S to N	N/K	30-Oct, 18:59
	3-5km E	Recorded	8	Projectile	NW to SE	N/K	30-Oct, 20:30
SMM camera E of Lomakyne (government- controlled, 15km NE of Mariupol)	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	30-Oct, 19:03
	3-5km ENE	Recorded	1	Explosion	Airburst	N/K	30-Oct, 19:03
SMM camera at entry-exit checkpoint in Pyshchevyk (government- controlled, 25km NE of Mariupol)	1-2km SSE	Recorded	5	Projectile	W to E	N/K	30-Oct, 18:07
	1-2km SSE	Recorded	3	Burst	WNW to ESE	N/K	30-Oct, 18:24
	1-2km SE	Recorded	1	Projectile	ENE to WSW	N/K	30-Oct, 19:06
	1-2km SE	Recorded	1	Explosion	Impact	N/K	30-Oct, 19:06
	1-2km SE	Recorded	1	Projectile	E to W	N/K	30-Oct, 19:17
	1-2km SE	Recorded	1	Burst	E to W	N/K	30-Oct, 19:17
Debaltseve (non- government- controlled, 58km NE of Donetsk)	3-6km NNE	Heard	6	Explosion	Undetermined	N/K	30-Oct, 18:08- 18:14
	3-6km NNE	Heard	3	Explosion	Undetermined	N/K	30-Oct, 22:05
SE part of Avdiivka (government- controlled, 17km N of Donetsk)	1km SE	Heard	1	Explosion	Undetermined	N/K	31-Oct, 07:59
	1.5-2km E	Heard	7	Explosion		N/K	31-Oct, 10:26
SW part of Avdiivka (government- controlled, 17km N of Donetsk)	2-3km S	Heard	2	Explosion	Undetermined	N/K	31-Oct, 11:12
	2-3km S	Heard	3	Burst		HMG	31-Oct, 11:27
	2-4km S	Heard	2	Explosion	Undetermined	N/K	31-Oct, 11:29
	2-3km E	Heard	7	Burst		HMG	31-Oct, 11:34
	2-3km S	Heard	15	Burst		HMG	31-Oct, 11:38
	2-3km S	Heard	3	Explosion	Outgoing	N/K	31-Oct, 11:41
	3-4km SE	Heard	3	Explosion	Impact	N/K	31-Oct, 11:41
	2-3km S	Heard	7	Burst		HMG	31-Oct, 12:20
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	31-Oct, 12:41
	2-3km S	Heard	1	Explosion	Undetermined	N/K	31-Oct, 13:09
1.1km NW of railway station in Yasynuvata (non- government- controlled,	1.5-2km SW	Heard	2	Explosion	Undetermined	N/K	31-Oct, 13:08

16km NE of Donetsk)							
Marinka (government-controlled, 23km SW of Donetsk)	1-2km E	Heard	13	Shot		Small arms	31-Oct, 08:37
Petrivske (non-government-controlled, 41km S of Donetsk)	1-2km SE	Heard	1	Burst	Assessed outside of the disengagement area	Small arms	31-Oct, 10:00
1km NNW of entry-exit checkpoint in Pyshevyk (government-controlled, 25 km NE of Mariupol)	N/K SE	Heard	1	Explosion	Undetermined	N/K	31-Oct, 09:30
	N/K SE	Heard	1	Explosion	Undetermined	N/K	31-Oct, 09:55
	N/K SE	Heard	1	Explosion	Undetermined	N/K	31-Oct, 10:06
	N/K SE	Heard	1	Burst		Small arms	31-Oct, 10:24
	N/K SE	Heard	1	Explosion	Undetermined	N/K	31-Oct, 10:43
	N/K SE	Heard	1	Explosion	Undetermined	N/K	31-Oct, 14:16-14:18
	N/K SE	Heard	21	Burst		Small arms	31-Oct, 14:16-14:18
Novotroitske (government-controlled, 36km SW of Donetsk)	1-2km NNE	Heard		Shot	Uncountable, overlapping	Small arms	31-Oct, 11:30-11:45
	1-2km NNE	Heard		Shot	Uncountable, overlapping	Small arms	31-Oct, 11:45-12:05
	1-2km NNE	Heard	15	Burst		Small arms	31-Oct, 11:45-12:05
	1-2km NNE	Heard	70	Shot		Small arms	31-Oct, 12:05-12:25
	1-2km NNE	Heard	4	Burst		Small arms	31-Oct, 12:05-12:25
Naberezhne (non-government-controlled, 33 km NE of Mariupol)	1km SW	Heard	38	Shot		Small arms	31-Oct, 11:51-11:57
2.3 km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NNE	Heard	2	Explosion	Undetermined		31-Oct, 11:55
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km SE	Heard	6	Explosion	Undetermined	N/K	30-Oct, 19:15-19:18
	5-7km SE	Heard	8	Explosion	Undetermined	N/K	30-Oct, 19:19-19:30
	5-7km SE	Heard	27	Burst		Small arms	30-Oct, 19:20-19:30
	5-7km SE	Heard	11	Burst		HMG	30-Oct, 19:20-19:31
	3-4km ESE	Heard	3	Burst		HMG	30-Oct, 19:41
	5-7km SE	Heard	8	Burst		Small arms	30-Oct, 20:05-20:15
	5-7km SE	Heard	7	Explosion	Undetermined	N/K	30-Oct, 20:05-20:15
	5-7km SE	Heard	17	Burst		HMG	30-Oct, 20:05-20:15
	5-7km SE	Heard	21	Explosion	Undetermined	N/K	30-Oct, 20:31-20:46
	5-7km SE	Heard	6	Explosion	Undetermined	N/K	30-Oct, 20:50-20:53
	3-5km SE	Heard	2	Burst		Small arms	30-Oct, 21:02

	5-7km SSE	Heard	1	Explosion	Undetermined	N/K	30-Oct, 21:49
	3-4km SE	Heard	3	Burst		Small arms	30-Oct, 21:54
	3-4km SE	Heard	4	Shot		HMG	30-Oct, 22:12
	4-6km SE	Heard	9	Burst		HMG	31-Oct, 14:19-14:21
2km WSW of Zalizne (government-controlled, 42km NE of Donetsk)	3-5km SE	Heard	1	Explosion	Undetermined	N/K	31-Oct, 10:30
	3-5km SE	Heard	2	Burst		HMG	31-Oct, 11:24
	4-6km S	Heard	2	Explosion	Undetermined	N/K	31-Oct, 14:00
	4-6km S	Heard	1	Explosion	Undetermined	N/K	31-Oct, 14:10
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	31-Oct, 14:22
2km E of Semyhiria (government-controlled, 58km NE of Donetsk)	2.5km SE	Heard	1	Explosion	Undetermined	N/K	31-Oct, 11:10
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km NW	Heard	1	Explosion	Undetermined	N/K	31-Oct, 14:09
S edge of Zolote (non-government-controlled, 58km W of Luhansk)	2-3km NNE	Heard	1	Explosion	Impact (assessed as outside the disengagement area)	N/K	31-Oct, 09:15
NE edge of Dachne (non-government-controlled, 47km W of Luhansk)	5-7km N	Heard	15	Burst		HMG	31-Oct, 11:00-11:25
	5-7km N	Heard	24	Burst		HMG	31-Oct, 11:55-12:20
	5-7km N	Heard	1	Explosion	Undetermined	N/K	31-Oct, 12:04
S edge of Berezivske (non-government-controlled, 53km NW of Luhansk)	3-4km NNW	Heard	1	Explosion	Impact	N/K	31-Oct, 12:00
	3-4km NNW	Heard	4	Shot		IFV (BMP-1) cannon (73mm)	31-Oct, 12:07

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).