

Table of ceasefire violations as of 21 November 2018¹

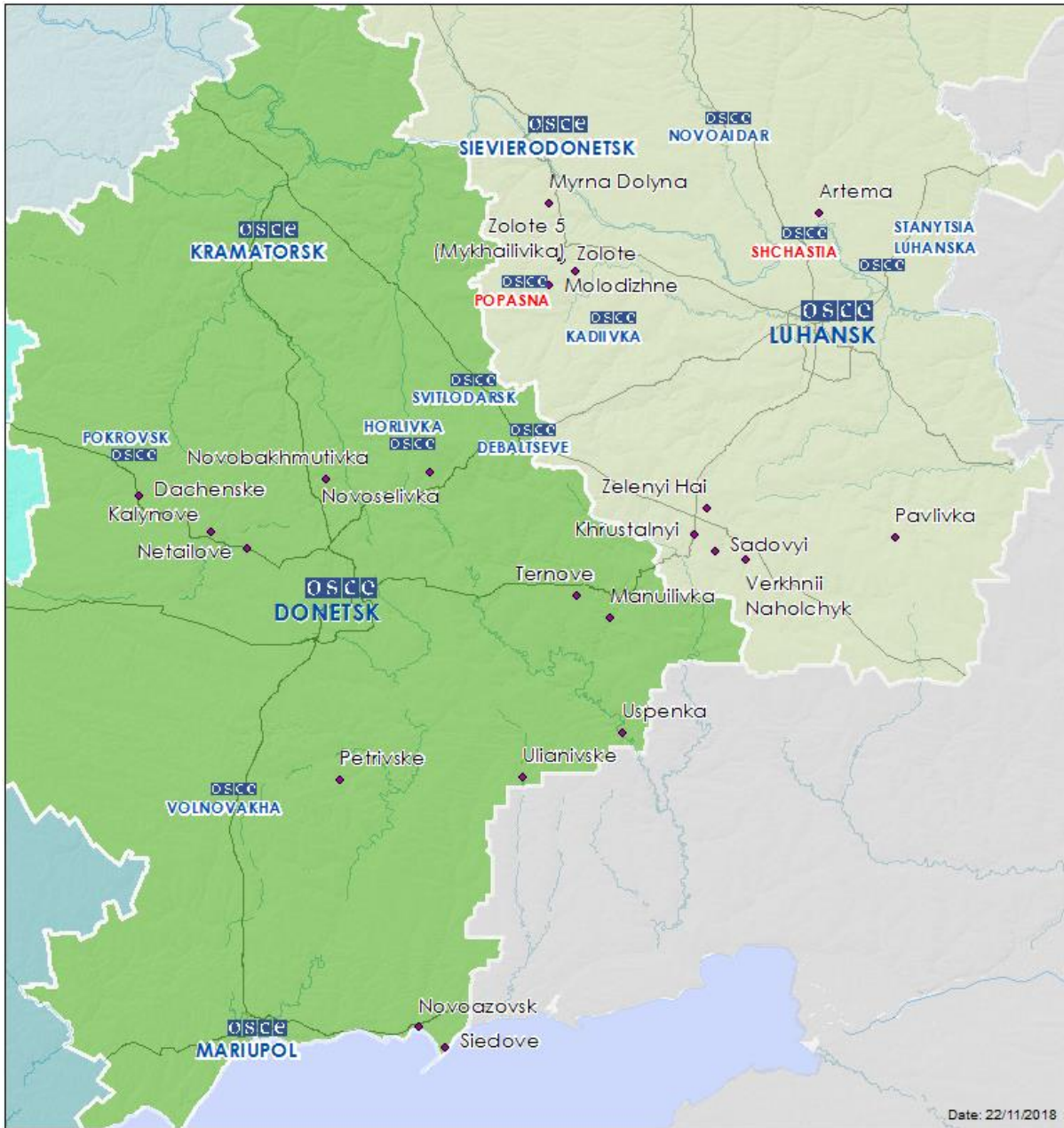
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SSE	Recorded	1	Explosion	Airburst	N/K	21-Nov, 01:50
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	6-8km SE	Recorded	1	Explosion	Undetermined	N/K	20-Nov, 18:33
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	20-Nov, 23:27
	2-4km SE	Recorded	3	Projectile	NE to SW	N/K	20-Nov, 23:44
	2-3km SSE	Recorded	3	Projectile	E to W	N/K	21-Nov, 00:08
	2-3km SE	Recorded	6	Projectile	E to W	N/K	21-Nov, 00:57
	2-3km SE	Recorded	2	Projectile	E to W	N/K	21-Nov, 00:59
	2-4km SE	Recorded	1	Projectile	NNE to SSW	N/K	21-Nov, 00:59
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km S	Recorded	1	Explosion	Undetermined	N/K	20-Nov, 19:47
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	20-Nov, 19:51
	2-4km SSW	Recorded	2	Explosion	Undetermined	N/K	20-Nov, 19:58
	2-4km S	Recorded	1	Projectile	E to W	N/K	21-Nov, 00:04
	2-4km S	Recorded	1	Projectile	E to W	N/K	21-Nov, 02:10
	0.5-1km S	Recorded	2	Projectile	E to W	N/K	21-Nov, 03:49
	0.5-1km S	Recorded	2	Projectile	E to W	N/K	21-Nov, 04:37
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	1-4km SSW	Recorded	3	Projectile	W to E	N/K	21-Nov, 16:48
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	20-Nov, 20:30
	2-4km ESE	Recorded	3	Projectile	S to N	N/K	20-Nov, 22:29
	2-4km ESE	Recorded	5	Projectile	S to N	N/K	20-Nov, 22:47
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	20-Nov, 23:56
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	20-Nov, 23:59
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	21-Nov, 00:25
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	21-Nov, 00:42
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	21-Nov, 01:54
	2-4km E	Recorded	1	Projectile	N to S	N/K	21-Nov, 03:11
	2-4km E	Recorded	1	Projectile	N to S	N/K	21-Nov, 03:22
	2-4km ENE	Recorded	3	Projectile	N to S	N/K	21-Nov, 03:54
	2-4km ENE	Recorded	3	Projectile	N to S	N/K	21-Nov, 03:57
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	20-Nov, 19:42
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	2	Projectile	E to W	N/K	21-Nov, 17:39
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km NE	Recorded	14	Muzzle flash		N/K	20-Nov, 21:20
	2-4km NE	Recorded	1	Projectile	NW to SE	N/K	20-Nov, 21:20
SMM camera at entry-exit checkpoint in Pyshevyk	2-4km S	Recorded	2	Projectile	E to W	N/K	20-Nov, 18:58
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	20-Nov, 19:42
	2-4km SSE	Recorded	1	Projectile	In vertical flight	N/K	20-Nov, 20:52

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.

(government-controlled, 25km NE of Mariupol)	2-4km SSE	Recorded	12	Projectile	E to W	N/K	20-Nov, 23:27
	2-4km SSE	Recorded	4	Projectile	W to E	N/K	21-Nov, 01:17
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	21-Nov, 01:17
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	21-Nov, 01:43
	3-5km S	Recorded	1	Explosion		N/K	21-Nov, 01:43
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	21-Nov, 01:47
	2-4km SSE	Recorded	2	Projectile	W to E	N/K	21-Nov, 02:26
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km E	Recorded	16	Projectile	N to S	N/K	20-Nov, 20:40
	2-4km E	Recorded	8	Projectile	N to S	N/K	20-Nov, 20:41
	2-4km E	Recorded	5	Projectile	N to S	N/K	20-Nov, 20:43
1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km NNW	Heard	8	Shot		Small arms	21-Nov, 13:50-13:58
	1km SSW	Heard	1	Shot		Small arms	21-Nov, 14:16
3km SSE of Lozove (non-government-controlled, 52km NE of Donetsk)	1km NE	Heard	2	Shot		Small arms	21-Nov, 10:48
	1-2km N	Heard	10	Shot		Small arms	21-Nov, 11:05
	1-2km N	Heard	3	Burst		HMG	21-Nov, 11:05
1.5km NW of Pavlopil (government-controlled, 26km NE of Mariupol)	N/K SE	Heard	2	Explosion	Undetermined	N/K	21-Nov, 10:18-10:28
	N/K SE	Heard	1	Explosion	Undetermined	N/K	21-Nov, 10:36
Pavlopil (government-controlled, 26km NE of Mariupol)	N/K SE	Heard	1	Explosion	Undetermined	N/K	21-Nov, 10:58-11:05
	N/K SE	Heard	1	Burst		Small arms	21-Nov, 10:58-11:05
Berdianske (government-controlled, 18km NE of Mariupol)	N/K NE	Heard	1	Explosion	Undetermined	N/K	21-Nov, 11:40-11:43
	N/K NE	Heard	27	Shot		Small arms	21-Nov, 11:40-11:43
Chermalyk (government-controlled, 31km NE of Mariupol)	N/K S	Heard	2	Explosion	Undetermined	N/K	21-Nov, 10:27-10:38
Sopyne (government-controlled, 16km E of Mariupol)	N/K N	Heard	1	Explosion	Undetermined	N/K	21-Nov, 10:58
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SSE	Heard	4	Burst		HMG	20-Nov, 18:39-18:43
	5-8km SE	Heard	1	Explosion	Undetermined	N/K	20-Nov, 18:43
	2-4km SSE	Heard	10	Shot		Small arms	20-Nov, 18:54-18:55
	3km SE	Heard	4	Burst		HMG	20-Nov, 19:00
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	20-Nov, 21:03-21:05
	3-5km SE	Heard	3	Shot		Small arms	20-Nov, 21:04
	3-5km SE	Heard	9	Burst		HMG	20-Nov, 21:10
	3-5km SE	Heard	13	Shot		Small arms	20-Nov, 21:13
	3-5km SE	Heard	21	Shot		Small arms	20-Nov, 22:03-22:08
	3-5km SE	Heard	6	Shot		Small arms	20-Nov, 22:28
	3-5km SE	Heard	4	Shot		Small arms	20-Nov, 22:38
	3-5km SE	Heard	1	Burst		Small arms	20-Nov, 22:38
	3-5km SE	Heard	2	Shot		Small arms	20-Nov, 22:56
E edge of Kamianka (government-	1-2km NE	Heard	4	Burst		Small arms	21-Nov, 10:41
	5-6km S	Heard	2	Explosion	Undetermined	N/K	21-Nov, 12:47

controlled, 20km N of Donetsk)	2-3km S	Heard	2	Burst		Small arms	21-Nov, 12:50
W outskirts of Pervomaisk (non-government-controlled, 58km W of Luhansk)	4-5km WNW	Heard	3	Burst		HMG	21-Nov, 09:13
1.5km SW of Molodizhne (non-government-controlled, 63km W of Luhansk)	3-4km NNW	Heard	4	Burst	Assessed as outside the disengagement area	HMG	21-Nov, 09:39
3km S of Muratove (government-controlled, 51km W of Luhansk)	3-5km S	Heard	1	Explosion	Undetermined	N/K	21-Nov, 09:57-10:06
	3-5km S	Heard	2	Explosion	Undetermined	N/K	21-Nov, 09:57-10:06
3km E of Orikhove-Donetske (government-controlled, 44km NW of Luhansk)	2-3km SE	Heard	6	Shot		Small arms	21-Nov, 10:36
Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	3km N	Heard	1	Explosion	Undetermined	N/K	21-Nov, 12:03

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).