

Table of ceasefire violations as of 22 October 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, Time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-4km ESE	Recorded	1	Projectile	WSW to ENE	N/K	21-Oct, 20:49
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	3	Projectile	SW to NE	N/K	22-Oct, 00:34
	1-3km ESE	Recorded	2	Projectile	SW to NE	N/K	22-Oct, 04:12
	1-3km ESE	Recorded	3	Projectile		N/K	22-Oct, 04:15
	1-3km ESE	Recorded	1	Projectile	NNW to SSE	N/K	22-Oct, 04:15
	1-3km ESE	Recorded	3	Projectile		N/K	22-Oct, 05:12
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-5km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	21-Oct, 19:16
	2-5km SSE	Recorded	4	Illumination flare	In vertical flight	N/K	21-Oct, 19:17
	2-5km SSE	Recorded	1	Explosion	Undetermined	N/K	21-Oct, 19:44
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km S	Recorded	2	Projectile	E to W	N/K	21-Oct, 20:09
	1-2km SSW	Recorded	2	Muzzle flash		HMG	21-Oct, 20:09
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	21-Oct, 20:22
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	21-Oct, 20:28
	1.5-3km SSW	Recorded	1	Explosion	Undetermined	N/K	21-Oct, 20:34
	0.8-1.5km SSW	Recorded	1	Explosion	Undetermined	N/K	21-Oct, 20:34
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	21-Oct, 20:39
	0.5-1km S	Recorded	2	Muzzle flash		HMG	21-Oct, 20:39
	0.5-1km S	Recorded	6	Explosion	Undetermined	N/K	21-Oct, 20:43
	0.5-2km SSW	Recorded	2	Projectile	NW to SE	N/K	21-Oct, 20:44
	0.5-2km SSW	Recorded	2	Projectile	NW to SE	N/K	21-Oct, 20:45
	1.5-3km SSW	Recorded	1	Explosion	Undetermined	N/K	21-Oct, 20:45
	1.5-3km SSW	Recorded	1	Explosion	Outgoing	N/K	21-Oct, 20:49
	1-2km SSW	Recorded	1	Projectile	SW to NE	N/K	21-Oct, 20:49
	1-2km SSE	Recorded	7	Projectile	ESE to WNW	N/K	21-Oct, 20:55
	0.5-1km SSW	Recorded	2	Explosion	Incoming	N/K	21-Oct, 20:55
	1-2km S	Recorded	8	Projectile	ESE to WNW	N/K	21-Oct, 21:00
	0.5-1km S	Recorded	4	Projectile	WNW to ESE	N/K	21-Oct, 21:01
	1-2km S	Recorded	5	Projectile	SE to NW	N/K	21-Oct, 21:01
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	21-Oct, 21:02
	1-2km S	Recorded	1	Projectile	SE to NW	N/K	21-Oct, 21:02
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	21-Oct, 21:04
	0.5-1km SSW	Recorded	1	Projectile	N to S	N/K	21-Oct, 21:07
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	21-Oct, 21:07
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	21-Oct, 21:08
	1-2km S	Recorded	1	Projectile	SE to NW	N/K	21-Oct, 21:08
	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	21-Oct, 21:12
	0.5-1km SW	Recorded	1	Explosion	Undetermined	N/K	21-Oct, 21:16

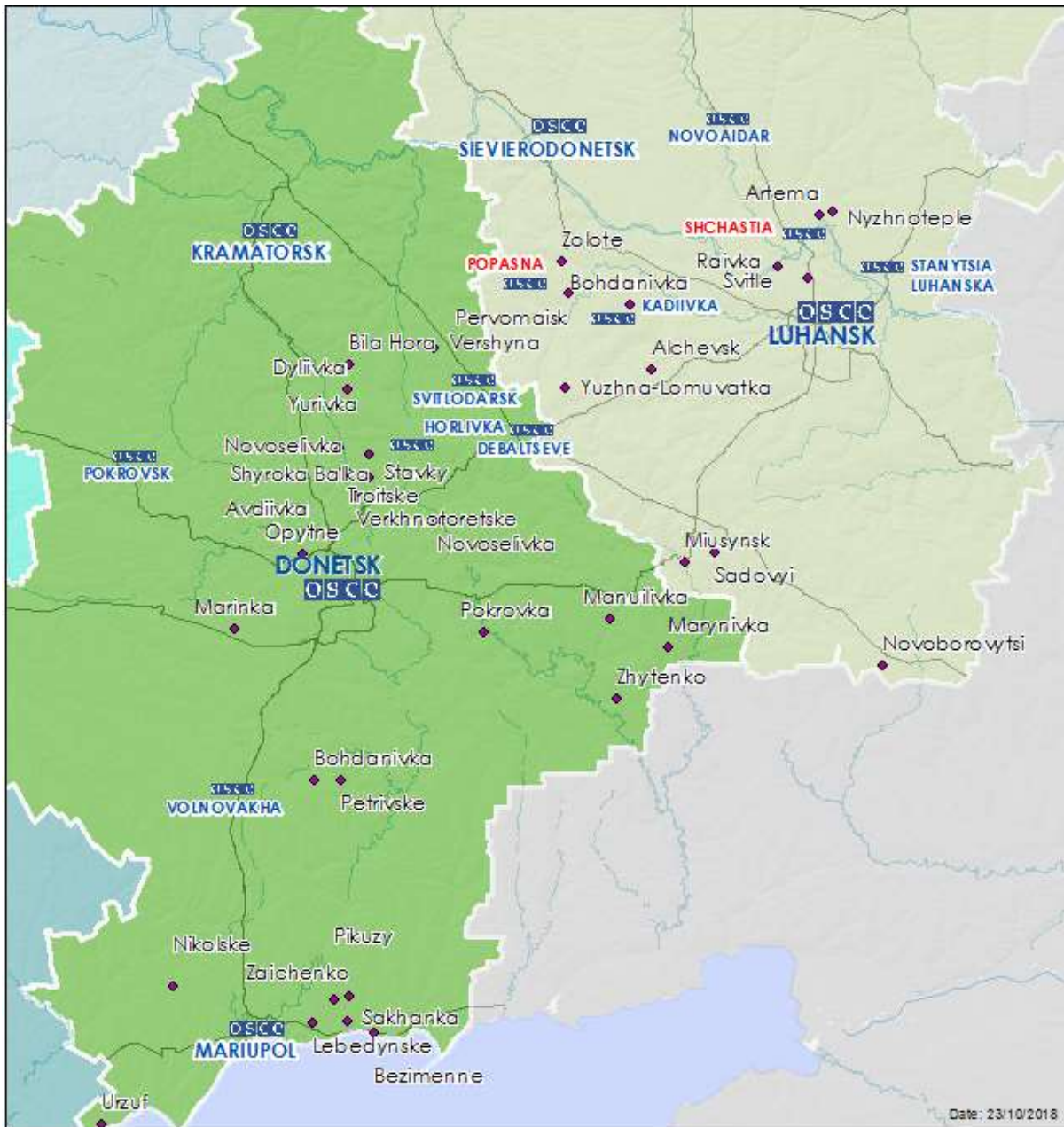
¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground,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

	1-2km SSW	Recorded	1	Explosion	Airburst	N/K	21-Oct, 21:16
	1-2km S	Recorded	1	Projectile	ESE to WNW	N/K	21-Oct, 21:17
	0.5-1.5km SSW	Recorded	1	Explosion	Undetermined	N/K	21-Oct, 21:17
	0.5-1km SSW	Recorded	7	Explosion	Undetermined	N/K	21-Oct, 21:18
	1-2km S	Recorded	3	Explosion	Undetermined	N/K	21-Oct, 21:18
	1-2km SSW	Recorded	1	Projectile	SSE to NNW	N/K	21-Oct, 21:18
	0.5-1km SSW	Recorded	1	Projectile	NNW to SSE	N/K	21-Oct, 21:18
	1-2km S	Recorded	3	Explosion	Undetermined	N/K	21-Oct, 21:19
	0.5-1km SSW	Recorded	3	Explosion	Undetermined	N/K	21-Oct, 21:19
	1-2km S	Recorded	4	Explosion	Undetermined	N/K	21-Oct, 21:22
	0.6-1km SSE	Recorded	4	Muzzle flash		N/K	21-Oct, 22:04
	0.6-1km SSE	Recorded	2	Muzzle flash		N/K	21-Oct, 22:24
	0.6-1km SSE	Recorded	3	Muzzle flash		N/K	21-Oct, 22:40
	2-3km SSW	Recorded	3	Projectile	WNW to ESE	N/K	22-Oct, 00:33
	2-3km S	Recorded	2	Projectile	WNW to ESE	N/K	22-Oct, 04:52
	1-2km S	Recorded	2	Projectile	W to E	N/K	22-Oct, 05:40
	1-2km S	Recorded	1	Projectile	E to W	N/K	22-Oct, 05:45
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ESE	Recorded	2	Explosion	Undetermined	N/K	22-Oct, 01:56
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	2-4km E	Recorded	7	Projectile	N to S	N/K	21-Oct, 18:48
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km SE	Recorded	7	Projectile	SW to NE (assessed as inside the disengagement area)	N/K	21-Oct, 19:05
Kaplany (non-government-controlled, 36km NE of Mariupol)	N/K S	Heard	1	Burst	Undetermined	HMG	22-Oct, 11:43
1.5km. SSW of Lebedynske (government-controlled, 16km NE of Mariupol)	3km ESE	Heard	3	Explosion	Undetermined	N/K	22-Oct, 12:09
	2-3km ESE	Heard	1	Explosion	Undetermined	N/K	22-Oct, 12:26
	1-2km E	Heard	1	Explosion	Undetermined	N/K	22-Oct, 12:40
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-7km W	Heard	5	Explosion	Undetermined	N/K	21-Oct, 19:16-19:17
	4-5km S	Heard	28	Shot		HMG	21-Oct, 19:24-19:26
	5-7km W	Heard	9	Shot		HMG	21-Oct, 19:26-19:27
	4-5km S	Heard	30	Shot		HMG	21-Oct, 19:29-19:34
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km SE	Heard	1	Burst		HMG	21-Oct, 19:04
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	21-Oct, 19:05
	2-3km E	Heard	7	Burst		HMG	21-Oct, 19:27-19:28
	2-3km E	Heard	20	Burst		HMG	21-Oct, 19:52-19:58
	2-3km E	Heard	32	Burst		HMG	21-Oct, 20:27-20:30
	4-5km E	Heard	1	Explosion	Undetermined	N/K	21-Oct, 20:30

2-3km E	Heard	25	Burst		HMG	21-Oct, 20:32-20:34
5-6km E	Heard	9	Explosion	Undetermined	N/K	21-Oct, 20:33-20:36
5-6km E	Heard	2	Explosion	Undetermined	N/K	21-Oct, 20:40
3-4km E	Heard	16	Explosion	Undetermined	N/K	21-Oct, 20:46-20:53
2-3km E	Heard	25	Burst		HMG	21-Oct, 20:46-20:53
2-3km E	Heard	22	Burst		HMG	21-Oct, 20:54-21:00
3-4km E	Heard	3	Explosion	Undetermined	N/K	21-Oct, 20:55
4-5km E	Heard	7	Explosion	Undetermined	N/K	21-Oct, 21:05-21:08
2-3km E	Heard	22	Burst		HMG	21-Oct, 21:06-21:08
4-5km E	Heard	3	Explosion	Undetermined	N/K	21-Oct, 21:09-21:10
2-3km E	Heard	10	Burst		HMG	21-Oct, 21:12
2-3km E	Heard	2	Burst		HMG	21-Oct, 21:17
2-3km E	Heard	32	Burst		HMG	21-Oct, 21:30-21:36
2-3km E	Heard	20	Burst		HMG	21-Oct, 21:40-21:49
2-3km E	Heard	2	Burst		HMG	21-Oct, 21:53
2-3km E	Heard	4	Burst		HMG	21-Oct, 22:04
5-6km E	Heard	2	Explosion	Undetermined	N/K	21-Oct, 22:05
3-4km E	Heard	3	Explosion	Undetermined	N/K	21-Oct, 22:07
2-3km E	Heard	61	Burst		HMG	21-Oct, 22:14-22:18
4-5km E	Heard	4	Explosion	Undetermined	N/K	21-Oct, 22:22
2-3km E	Heard	20	Burst		HMG	21-Oct, 22:25-22:26
2-3km E	Heard	38	Burst		HMG	21-Oct, 22:29-22:33
4-5km E	Heard	1	Explosion	Undetermined	N/K	21-Oct, 22:34
2-3km E	Heard	14	Burst		HMG	21-Oct, 22:40
2-3km E	Heard	6	Burst		HMG	21-Oct, 22:53-22:56
2-3km E	Heard	74	Burst		HMG	21-Oct, 23:05-23:10
2-3km E	Heard	4	Burst		HMG	21-Oct, 23:17
2-3km E	Heard	2	Burst		HMG	21-Oct, 23:33
2-3km E	Heard	3	Burst		HMG	22-Oct, 07:46
3-4km E	Heard	3	Explosion	Undetermined	N/K	22-Oct, 08:36
2-3km E	Heard	3	Burst		HMG	22-Oct, 08:36
2-3km E	Heard	10	Burst		HMG	22-Oct, 08:40
5-6km E	Heard	3	Burst		HMG	22-Oct, 09:40
6-7km E	Heard	3	Explosion	Undetermined	N/K	22-Oct, 11:57
5-6km E	Heard	1	Explosion	Undetermined	N/K	22-Oct, 12:02
5-6km E	Heard	2	Explosion	Undetermined	N/K	22-Oct, 12:14
2-3km SE	Heard	30	Burst		HMG	22-Oct, 14:25-14:28
4-6km SE	Heard	2	Explosion	Undetermined	N/K	22-Oct, 14:29
5-6km SE	Heard	1	Explosion	Undetermined	N/K	22-Oct, 14:38
5-6km SE	Heard	1	Explosion	Undetermined	N/K	22-Oct, 14:47
2-3km SE	Heard	7	Burst		HMG	22-Oct, 15:16
2-3km SE	Heard	6	Burst		HMG	22-Oct, 15:25
2-3km SE	Heard	4	Burst		HMG	22-Oct, 15:32
2-3km SE	Heard	8	Burst		HMG	22-Oct, 16:00
2-3km E	Heard	4	Burst		HMG	22-Oct, 16:19
5-6km SE	Heard	1	Explosion	Undetermined	N/K	22-Oct, 16:21
2-3km SE	Heard	4	Burst		HMG	22-Oct, 16:30-16:31
2-3km SE	Heard	10	Burst		HMG	22-Oct, 16:49

	2-3km SE	Heard	5	Burst		HMG	22-Oct, 16:55
	2-3km SE	Heard	1	Burst		HMG	22-Oct, 17:12
	5-6km SE	Heard	3	Explosion	Undetermined	N/K	22-Oct, 17:17
	2-3km SE	Heard	1	Burst		HMG	22-Oct, 17:17
	2-3km SE	Heard	4	Burst		HMG	22-Oct, 17:19
	2-3km E	Heard	4	Burst		HMG	22-Oct, 17:26
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	22-Oct, 17:27
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	22-Oct, 17:40
	2-3km SE	Heard	10	Burst		HMG	22-Oct, 17:45
	2-3km SE	Heard	2	Burst		HMG	22-Oct, 18:04
	4-5km SE	Heard	6	Explosion	Undetermined	N/K	22-Oct, 18:11-18:16
	4-5km SE	Heard	3	Explosion	Undetermined	N/K	22-Oct, 18:21-18:25
2km WSW of Zalizne (government-controlled, 42km NE of Donetsk)	2km E	Heard	1	Burst		Small arms	22-Oct, 12:03
E edge of Vesela Hora (non-government-controlled, 16km N of Luhansk)	0.2-0.5km ENE	Heard	100	Burst		Small arms	22-Oct, 12:03-12:07
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2km SSW	Heard	11	Shot and Burst	Assessed as outside of the disengagement area	Small arms	22-Oct, 12:36
800m E of Svitle (non-government-controlled, 11km N of Luhansk)	5-7km SSW	Heard	1	Burst		HMG	22-Oct, 13:29
	5-7km SSW	Heard	1	Burst		HMG	22-Oct, 13:30
	5-7km SSW	Heard	1	Burst		HMG	22-Oct, 13:32
	5-7km SSW	Heard	1	Burst		HMG	22-Oct, 13:33
	5-7km SSW	Heard	2	Shot		HMG	22-Oct, 13:41
	5-7km SSW	Heard	1	Burst		HMG	22-Oct, 13:42
	5-7km SSW	Heard	1	Shot		HMG	22-Oct, 13:44
	5-7km SSW	Heard	1	Explosion	Undetermined	N/K	22-Oct, 13:46
	5-7km SSW	Heard	1	Explosion	Undetermined	N/K	22-Oct, 13:53
	5-7km SSW	Heard	10	Explosion	Outgoing	N/K	22-Oct, 13:54-13:57
800m NE of Kalynove Borshchuvate (non-government-controlled, 61km W of Luhansk)	2-3km SW	Heard	10	Shot		Small arms	22-Oct, 14:28-14:29
	2-3km SSW	Heard	7	Shot		Small arms	22-Oct, 14:33-14:34

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).