

Table of ceasefire violations as of 21 December 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km S	Recorded	4	Projectile	NW to SE	N/K	20-Dec, 18:43
	2-4km S	Recorded	1	Projectile	NE to SW	N/K	20-Dec, 19:02
	2-4km S	Recorded	1	Projectile	NW to SE	N/K	20-Dec, 19:02
	0.7-1km SW	Recorded	1	Illumination flare	WNW to ESE	N/K	20-Dec, 19:17
	1-2km SSW	Recorded	1	Projectile	SSE to NNW	N/K	20-Dec, 19:25
	1-2km SSW	Recorded	1	Projectile	WSW to ENE	N/K	20-Dec, 19:25
	1-2km SSW	Recorded	1	Projectile	NNW to SSE	N/K	20-Dec, 19:25
	1-2km SSW	Recorded	2	Projectile	SSE to NNW	N/K	20-Dec, 19:29
	0.1-0.5km N	Recorded	1	Illumination flare	In vertical flight	N/K	20-Dec, 21:34
	1.5-2.5km SSW	Recorded	1	Projectile	WNW to ESE	N/K	20-Dec, 22:11
	2-3km SSW	Recorded	1	Explosion	Impact	N/K	20-Dec, 22:11
	2-3km S	Recorded	1	Explosion	Impact	N/K	20-Dec, 22:26
	1.5-2.5km S	Recorded	1	Explosion	Undetermined	N/K	20-Dec, 22:27
	1.5-2.5km S	Recorded	2	Explosion	Undetermined	N/K	20-Dec, 22:59
	1.5-2.5km S	Recorded	7	Projectile	W to E	N/K	20-Dec, 23:07
	1.5-2.5km S	Recorded	1	Projectile	NNW to SSE	N/K	20-Dec, 23:07
	1.5-2.5km S	Recorded	2	Projectile	W to E	N/K	20-Dec, 23:08
	1.5-3km S	Recorded	2	Projectile	E to W	N/K	21-Dec, 04:10
	2-4km S	Recorded	3	Explosion	Undetermined	N/K	21-Dec, 06:15
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Dec, 06:32
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Dec, 06:33
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	21-Dec, 06:38
2-4km S	Recorded	1	Projectile	NNW to SSE	N/K	21-Dec, 06:38	
1-3km SSW	Recorded	1	Projectile	ENE to WSW	N/K	21-Dec, 18:04	
SMM camera 1.5km NE of Hnutove (government-controlled,	2-4km E	Recorded	1	Projectile	S to N	N/K	20-Dec, 18:49
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	20-Dec, 18:49
	2-4km E	Recorded	1	Explosion	Outgoing	N/K	20-Dec,

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.

20km NE of Mariupol)							19:09
	2-4km E	Recorded	1	Projectile	S to N	N/K	20-Dec, 19:09
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km N	Recorded	1	Explosion	Undetermined	N/K	20-Dec, 22:09
Debaltseve (non-government-controlled, 58km NE of Donetsk)	8-10km NW	Heard	8	Explosion	Undetermined	N/K	20-Dec, 21:45-22:08
	12-15km W	Heard	5	Explosion	Undetermined	N/K	21-Dec, 07:30-07:35
	8-10km NW	Heard	2	Explosion	Undetermined	N/K	21-Dec, 07:51
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	1km W	Heard	1	Burst		Small arms	21-Dec, 09:45
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km WSW	Heard	8	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	21-Dec, 10:45-10:54
	1-2km WSW	Heard	15	Shot	Unable to assess whether inside or outside the disengagement area	Small arms	21-Dec, 10:45-10:54
	3-5km SW	Heard	10	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	21-Dec, 10:59-11:03
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-2.5km W	Heard	4	Shot		Small arms	21-Dec, 09:59
	2-2.5km W	Heard	5	Burst		Small arms	21-Dec, 10:01
	2-2.5km W	Heard	5	Shot		Small arms	21-Dec, 10:03
	1-2km SW	Heard	1	Explosion	Undetermined	N/K	21-Dec, 10:55
	1-2km SE	Heard	21	Burst		Small arms	21-Dec, 11:25-11:35
	2-3km SE	Heard	15	Burst		Small arms	21-Dec, 11:30-11:45
	2-3km SE	Heard	2	Shot		Small arms	21-Dec, 12:45
	1.5-2km SW	Heard	1	Explosion	Undetermined	N/K	21-Dec, 13:06
	1-1.5km SW	Heard	3	Shot		Small arms	21-Dec, 13:32
Horlivka (non-government-controlled,	3-5km SSW	Heard	13	Shot		Small arms	20-Dec, 19:22-19:23

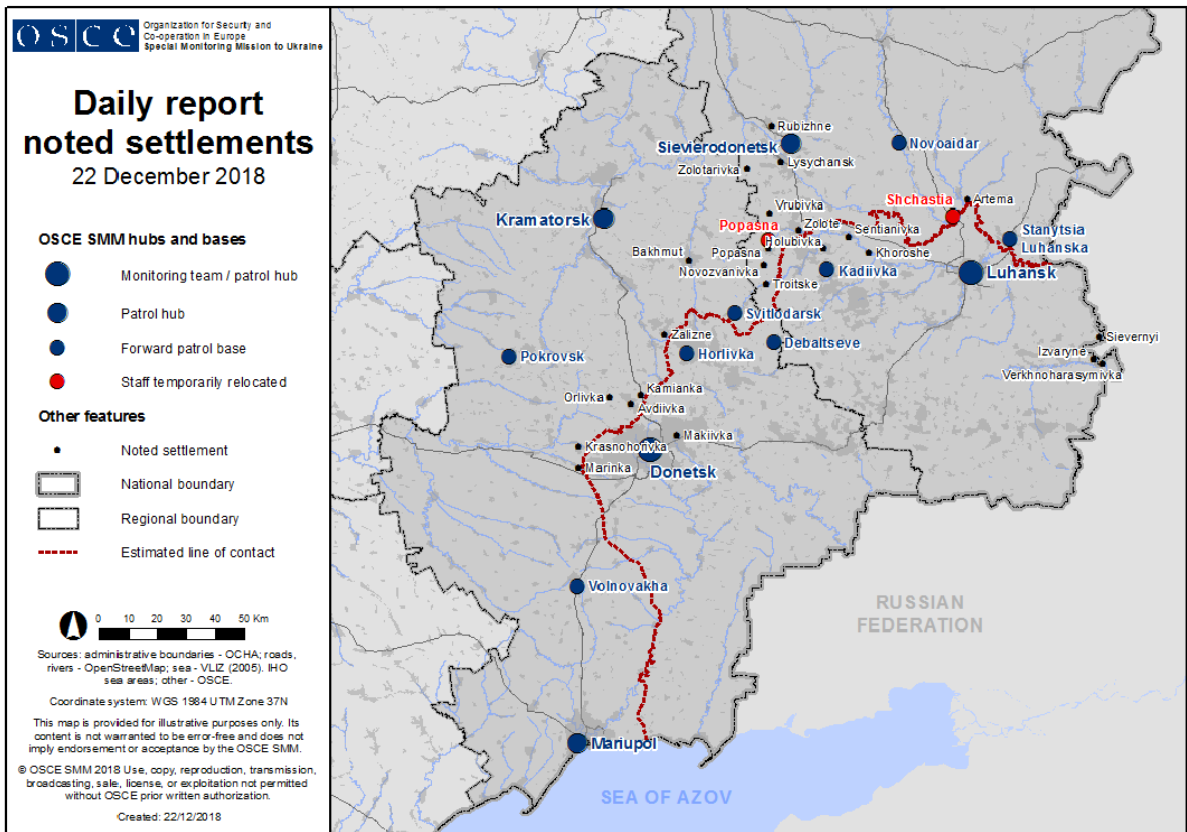
39km NE of Donetsk)	3-5km SSW	Heard	5	Burst		Small arms	20-Dec, 19:23
	4-6km SSW	Heard	8	Burst		HMG	21-Dec, 17:40
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km SE	Heard	2	Burst		HMG	20-Dec, 18:32
	3-4km SE	Heard	4	Explosion	Undetermined	N/K	20-Dec, 18:34
	2-3km SE	Heard	4	Burst		HMG	20-Dec, 18:34
	2-3km SE	Heard	6	Shot		Small arms	20-Dec, 18:34-18:36
	2-4km SE	Heard	4	Explosion	Undetermined	N/K	20-Dec, 18:38
	2-3km SE	Heard	5	Burst		HMG	20-Dec, 18:38
	2-3km SSE	Heard	12	Burst		HMG	20-Dec, 18:45
	2-3km SSE	Heard	15	Shot		Small arms	20-Dec, 18:56-18:46
	2-3km SE	Heard	7	Burst		HMG	20-Dec, 18:47
	2-3km SSE	Heard	5	Shot		Small arms	20-Dec, 18:47
	2-3km SSE	Heard	6	Shot		Small arms	20-Dec, 18:49
	2-4km SSE	Heard	4	Shot		Small arms	20-Dec, 18:52
	2-4km SE	Heard	1	Explosion	Undetermined	N/K	20-Dec, 18:54
	2-3km SSE	Heard	8	Shot		Small arms	20-Dec, 18:58-18:59
	2-3km SSE	Heard	6	Burst		HMG	20-Dec, 19:01
	2-4km SSE	Heard	4	Shot		Small arms	20-Dec, 19:04
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	20-Dec, 19:07
	2-3km SE	Heard	6	Burst		HMG	20-Dec, 19:07
	2-4km SE	Heard	9	Shot		Small arms	20-Dec, 19:10
	2-4km SSE	Heard	3	Burst		HMG	20-Dec, 19:11
	3-4km ESE	Heard	7	Shot		Small arms	20-Dec, 19:14
	2-3km SSE	Heard	12	Shot		Small arms	20-Dec, 19:20-19:21
	2-3km SSE	Heard	10	Burst		Small arms	20-Dec, 19:27-19:29
	2-3km SSE	Heard	6	Shot		Small arms	20-Dec, 19:43
	2-3km SSE	Heard	4	Shot		Small arms	20-Dec, 19:45
	2-3km SSE	Heard	8	Burst		HMG	20-Dec, 19:46
	2-3km SE	Heard	4	Shot		Small arms	20-Dec, 19:50
2-3km SSE	Heard	5	Shot		Small arms	20-Dec, 20:08	

2-3km SSE	Heard	10	Shot		Small arms	20-Dec, 20:09
2-3km SE	Heard	9	Shot		Small arms	20-Dec, 20:19
2-4km SE	Heard	5	Shot		Small arms	20-Dec, 20:23
2-3km SE	Heard	7	Shot		Small arms	20-Dec, 20:26
3-4km SE	Heard	12	Shot		Small arms	20-Dec, 20:31
2-3km SE	Heard	2	Burst		HMG	20-Dec, 20:54
2-3km SE	Heard	2	Burst		HMG	20-Dec, 21:05
2-3km SE	Heard	3	Burst		HMG	20-Dec, 21:24
3-6km SE	Heard	3	Explosion	Undetermined	N/K	20-Dec, 21:41
2-4km SE	Heard	6	Burst		HMG	20-Dec, 21:43
2-3km SE	Heard	11	Shot		Small arms	20-Dec, 21:44
3-6km ESE	Heard	9	Explosion	Undetermined	N/K	20-Dec, 21:46-21:48
2-4km ESE	Heard	6	Burst		HMG	20-Dec, 21:48
3-6km ESE	Heard	12	Explosion	Undetermined	N/K	20-Dec, 21:50-21:55
2-4km ESE	Heard	8	Burst		HMG	20-Dec, 21:50-21:55
3-6km ESE	Heard	7	Explosion	Undetermined	N/K	20-Dec, 21:57-22:00
2-4km ESE	Heard	5	Burst		HMG	20-Dec, 22:00
2-4km ESE	Heard	11	Burst		HMG	20-Dec, 22:03-22:05
3-6km ESE	Heard	1	Explosion	Undetermined	N/K	20-Dec, 22:06
3-6km ESE	Heard	4	Explosion	Undetermined	N/K	20-Dec, 22:18
2-4km ESE	Heard	11	Burst		HMG	20-Dec, 22:21-22:23
3-6km ESE	Heard	5	Explosion	Undetermined	N/K	20-Dec, 22:28
2-4km ESE	Heard	4	Burst		HMG	20-Dec, 22:44
2-4km ESE	Heard	7	Burst		HMG	20-Dec, 22:52
3-6km ESE	Heard	2	Explosion	Undetermined	N/K	20-Dec, 23:03
2-4km ESE	Heard	4	Burst		HMG	20-Dec, 23:06
3-6km ESE	Heard	6	Explosion	Undetermined	N/K	20-Dec, 23:09
3-6km ESE	Heard	11	Explosion	Undetermined	N/K	20-Dec, 23:14-23:17
2-4km ESE	Heard	5	Burst		HMG	20-Dec, 23:25

	2-3km ESE	Heard	6	Shot		Small arms	20-Dec, 23:36
	3-6km ESE	Heard	1	Explosion	Undetermined	N/K	20-Dec, 23:39
	3-6km ESE	Heard	1	Explosion	Undetermined	N/K	20-Dec, 23:50
	3-6km ESE	Heard	1	Explosion	Undetermined	N/K	20-Dec, 23:53
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	21-Dec, 07:50
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	21-Dec, 10:10
	2-3km SE	Heard	7	Burst		HMG	21-Dec, 10:24
E edge of Zalizne (government-controlled, 42km NE of Donetsk)	1-2km SE	Heard	1	Burst		Small arms	21-Dec, 09:14
	0.5-1km SE	Heard	1	Explosion	Undetermined	N/K	21-Dec, 09:17
	4-6km S	Heard	2	Burst		HMG	21-Dec, 13:13
About 1.5 km S of Kamianka (government-controlled, 20km N of Donetsk)	2-3km W	Heard	3	Explosion	Undetermined	N/K	21-Dec, 10:13
	2-3km S	Heard	2	Shot		Small arms	21-Dec, 10:13
	4-6km W	Heard	4	Explosion	Undetermined	N/K	21-Dec, 10:24
	4-6km W	Heard	14	Explosion	Undetermined	N/K	21-Dec, 10:29-10:30
	4-6km W	Heard	3	Explosion	Undetermined	N/K	21-Dec, 11:36
	3-4km SE	Heard		Burst	Uncountable overlapping	HMG	21-Dec, 11:36-12:00
	2-3km E	Heard	1	Shot		Small arms	21-Dec, 13:18
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	4	Projectile	NW to SE (unable to assessed whether inside or outside the disengagement area)	N/K	20-Dec, 19:44
	2-4km E	Recorded	7	Projectile	NW to SE (unable to assessed whether inside or outside the disengagement area)	N/K	20-Dec, 19:47
S edge of Zolote disengagement area (58km W of Luhansk)	2-4km NNE	Heard	14	Burst	Assessed as outside the disengagement area	Small arms	21-Dec, 09:43-09:50
	1-2km N	Heard	3	Burst	Assessed as inside the disengagement area.	Small arms	21-Dec, 09:55-09:56
W edge of Kriakivka (government-controlled, 38km NW of Luhansk)	1-2km S	Heard	9	Explosion	Undetermined	Mortar (type N/K)	21-Dec, 11:17-11:24
	1-2km S	Heard	1	Explosion	Outgoing	Artillery (type N/K)	21-Dec, 11:22
	4-5km S	Heard	1	Explosion	Impact	Artillery (type	21-Dec, 11:22

						N/K)	
	2-3km SSW	Heard	2	Explosion	Undetermined	Mortar (type N/K)	21-Dec, 11:22-11:24
	8-10km SW	Heard	3	Explosion	Undetermined	Mortar (type N/K)	21-Dec, 11:25-11:26
	8-10km SE	Heard	2	Explosion	Undetermined	Mortar (type N/K)	21-Dec, 11:27
	3-4km SE	Heard	2	Explosion	Undetermined	IFV (BMP-1) cannon (73mm)	21-Dec, 11:30
	8-10km SW	Heard	1	Explosion	Undetermined	Mortar (type N/K)	21-Dec, 11:30
Novoaidar (government-controlled, 49km NW of Luhansk)	5-10km ESE	Heard	50	Burst	Assessed as live-fire exercise	HMG	21-Dec, 14:08-14:25
	5-10km ESE	Heard	24	Explosion	Undetermined (assessed as live-fire exercise)	N/K	21-Dec, 14:08-14:25

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).