

**Table of ceasefire violations as of 23 February 2018<sup>1</sup>**

SMM position	Distance	Direction	Means	No.	Observation	Description	Weapon	Date	Time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5km	S	Recorded	5	Projectile	E to W	N/K	22-Feb	18:31
				1	Projectile	W to E			18:50
				4	Projectile	E to W			18:52
				1	Other	Illumination flare in vertical flight			18:56
				1	Projectile	E to W			18:57
				4	Projectile	E to W			18:58
				4	Projectile	E to W			18:59
				7	Projectile	E to W			19:00
				1	Projectile	W to E			19:02
				8	Projectile	E to W			19:08
				1	Explosion	Undetermined			20:13
				3	Projectile	E to W			20:37
				1	Projectile	W to E			20:40
				1	Projectile	E to W			21:27
				2	Explosion	Undetermined			21:33
				1	Projectile	E to W			21:34
				2	Explosion	Undetermined			22:00
				1	Other	Muzzle flash			22:01
				1	Projectile	N to S			22:19
				1	Explosion	Undetermined			23:25
				1	Explosion	Undetermined			23:29
				4	Projectile	E to W			23-Feb
				1	Projectile	W to E		01:45	
				1	Other	Muzzle flash		02:03	
				2	Other	Muzzle flash		02:13	
				1	Explosion	Undetermined		02:18	
				2	Explosion	Undetermined		02:19	
				1	Explosion	Airburst		02:49	
				1	Projectile	W to E		02:50	
				1	Explosion	Undetermined		03:02	
				2	Projectile	W to E		03:03	
				1	Other	Muzzle flash		03:31	
				3	Projectile	W to E		03:42	
				1	Explosion	Undetermined		03:57	
				2	Other	Muzzle flash		04:10	
				1	Projectile	W to E		04:22	
				3	Projectile	W to E		17:36	
				1	Explosion	Undetermined		17:40	
				1	Projectile	W to E		18:15	
				2	Projectile	W to E			

<sup>1</sup> 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.

				3	Projectile	SE to NW			
				2	Explosion	Undetermined			
				2	Projectile	W to E			18:16
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	N/K	ESE	Recorded	1	Explosion	Undetermined	N/K	22-Feb	21:19
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-5km	NW	Heard	6	Explosion	Undetermined	N/K	23-Feb	09:30-09:40
	2-3km	NW	Heard	12	Explosion	Undetermined			10:00-10:10
	2-3km	NW	Heard	1	Explosion	Undetermined			10:25
	2-3km	NW	Heard	1	Explosion	Undetermined			10:29
	3-5km	NW	Heard	4	Explosion	Undetermined			10:39
	2-3km	NW	Heard	12	Explosion	Undetermined			10:43-10:52
	2-3km	NW	Heard	6	Explosion	Undetermined			10:50-11:20
	2-3km	NW	Heard	4	Explosion	Undetermined			11:00-11:10
1.1km NW of Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km	NNW	Heard	2	Explosion	Undetermined	N/K	23-Feb	12:58
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	5-7km	SW	Heard	15	Explosion	Undetermined	N/K	23-Feb	09:05-09:10
	3-5km	E	Heard	1	Explosion	Undetermined			10:28
	3-5km	SE	Heard	5	Burst		HMG		10:33
	3-5km	SE	Heard	1	Explosion	Undetermined	N/K		14:00
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk)	2-4km	N	Recorded	2	Explosion	Undetermined	N/K	23-Feb	21:54
				4	Explosion	Undetermined			17:58
				24	Explosion	Undetermined			17:59
				11	Explosion	Undetermined			18:00
				2	Explosion	Undetermined			18:01
				35	Explosion	Undetermined			18:08
Trudivski area, Petrovskiyi district (non-government-controlled, 15km SW of Donetsk city centre)	1-3km	W	Heard	4	Shot		Small arms	23-Feb	09:07
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	5-8km	N	Recorded	3	Explosion	Undetermined	N/K	23-Feb	23:31
				1	Projectile	Trajectory (N/K)			01:15
				3	Projectile	E to W			01:53
				4	Projectile	E to W			02:58
				1	Explosion	Undetermined			03:31
				1	Explosion	Undetermined			03:36
				2	Other	Muzzle flash			03:37
				2	Projectile	W to E			18:14
				2	Projectile	E to W			
				2	Projectile	E to W			18:29
0.5km W of Pavlopil (government-controlled,	1-2km	E	Heard	2	Explosion	Undetermined	N/K	23-Feb	11:09

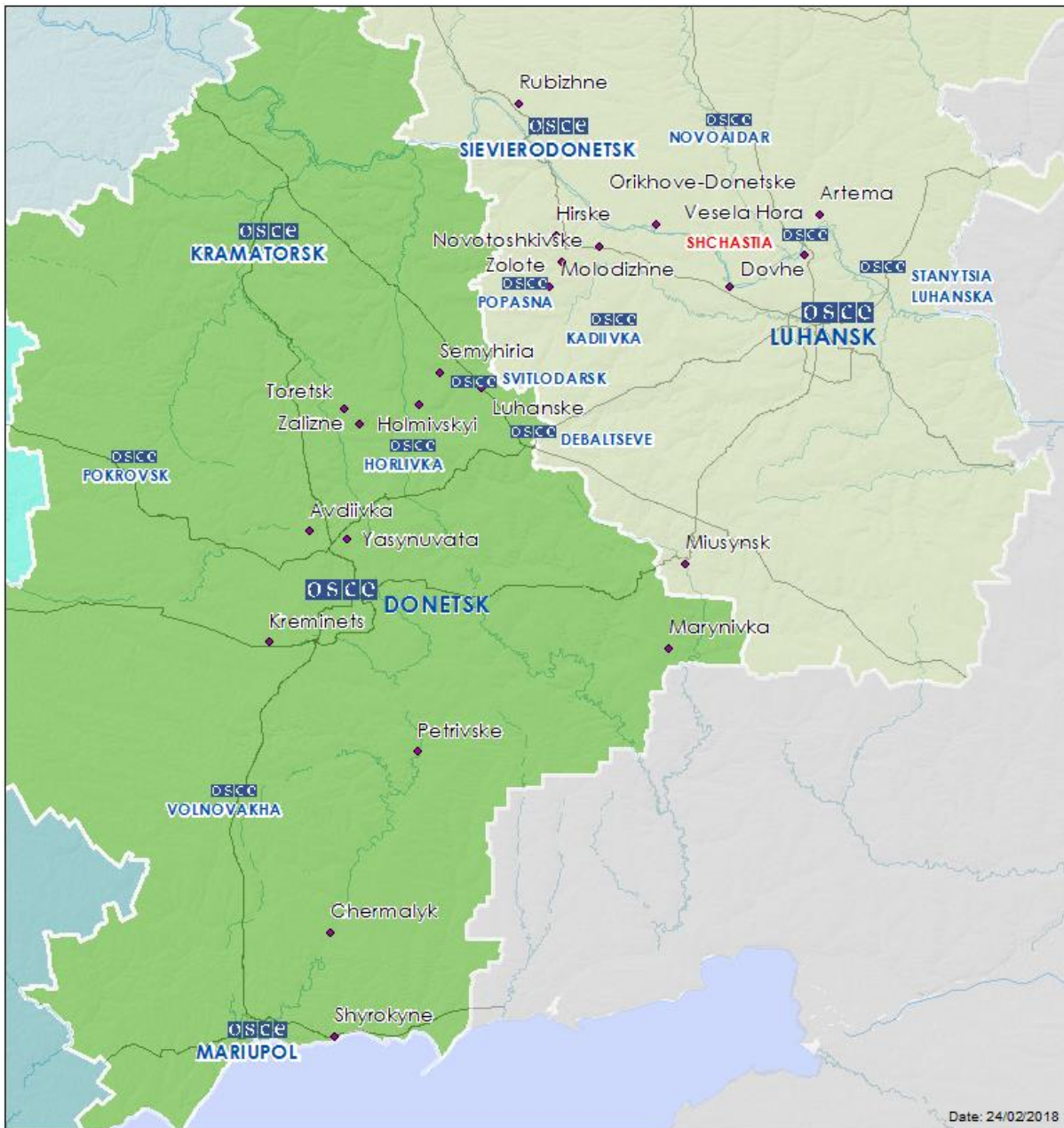
26km NE of Mariupol)									
2km E of Sosnivske (non-government-controlled, 35km NE of Mariupol)	N/K	SW	Heard	1	Explosion	Undetermined	N/K	23-Feb	11:15
Chermalyk (government-controlled, 31km NE of Mariupol)	N/K	S	Heard	13	Explosion	Undetermined	N/K	23-Feb	10:57-11:28
	N/K	NW	Heard	4	Explosion	Undetermined			11:36-11:40
	N/K	S	Heard	4	Explosion	Undetermined			11:44
	N/K	S	Heard	1	Explosion	Undetermined			
Orlivske (government-controlled, 23km NE of Mariupol)	1-2km	NE	Heard	20	Burst		HMG	23-Feb	12:43-12:46
	1-2km	NE	Heard	2	Explosion	Undetermined	N/K		
1km NNW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-3km	NNE	Heard	2	Explosion	Undetermined	N/K	23-Feb	12:43
	2-3km	NNE	Heard	1	Explosion	Undetermined			12:57
1.3km SSE of Tavrycheske (government-controlled, 35km NE of Mariupol)	N/K	S	Heard	1	Explosion	Undetermined	N/K	23-Feb	12:44-12:56
	3-4km	S	Heard	1	Burst		HMG		
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-8km	ENE	Heard	15	Explosion	Undetermined	N/K	22-Feb	18:03-18:34
				27	Bursts		HMG		18:37-18:42
				2	Burst	Undetermined	IFV (BMP-2) cannon (30mm)		18:37
	4-6km	NE		5	Burst		HMG		18:52
	5-8km			1	Explosion	Undetermined	N/K		18:55
	4-6km			ENE	68	Burst			Small arms
	4-8km	13			Burst		HMG		19:26-19:35
	4-6km	E		47	Explosion	Undetermined	N/K		19:36-19:43
	5-8km	ENE		3	Burst		HMG		19:44
	4-6km	E		23	Explosion	Undetermined	N/K		19:46-19:52
				8	Burst		HMG		19:52-19:55
				37	Burst		Small arms		19:56-19:58
				12	Burst		HMG		20:16
				35	Explosion	Undetermined	N/K		20:20-20:29
	5-8km	ENE		12	Burst		Small arms		20:34-21:57
				2	Explosion	Undetermined	N/K		23:00
				18	Burst		Small arms		
4-8km	ENE	72	Burst		HMG				
4-6km	E	4	Burst	Undetermined	IFV (BMP-2) cannon				

	4-8km	ENE		29	Burst		HMG	23-Feb	23:06-23:21
	6-8km			2	Explosion	Undetermined	N/K		23:29
	4-6km	E		2	Burst		HMG		23:30
	6-8km	NE		4	Explosion	Undetermined	N/K		00:23
	4-8km			15	Burst		HMG		00:23-00:33
		6-8km		ENE	8	Burst			IFV (BMP-2) cannon
	4-6km	NE		4	Explosion	Undetermined	N/K		00:44
	4-6km	ENE	7	Burst		IFV (BMP-2) cannon	01:55		
Toretsk (government-controlled, 43km N of Donetsk)	5-7km	SW	Heard	12	Explosion	Undetermined	N/K	23-Feb	10:10-10:12
Zalizne (formerly Artemove, government-controlled, 42km NE of Donetsk)	4-6km	W	Heard	1	Explosion	Impact	Recoilless gun (SPG-9, 73mm)	23-Feb	10:45
	4-6km	W	Heard	1	Explosion	Outgoing			10:46
	4-6km	SE	Heard	4	Explosion	Undetermined	N/K		10:55
	4-6km	ESE	Heard	2	Explosion	Undetermined			11:00
	4-6km	SW	Heard	2	Explosion	Undetermined			11:04
	4-6km	SW	Heard	4	Explosion	Undetermined			11:37
	4-6km	W	Heard	1	Explosion	Undetermined			
Luhanske (government-controlled, 59km N of Donetsk)	5-7km	SE	Heard	20	Explosion	Undetermined	N/K	23-Feb	11:15-11:30
Popasna (government-controlled, 69km W of Luhansk)	3-4km	SE	Heard	15	Explosion	Undetermined	N/K	22-Feb	18:25-19:22
				65	Burst		HMG		18:40-18:55
				35	Shot and explosion	Outgoing	IFV (BMP-1 cannon (73mm) and BMP-2 cannon)		18:58-19:05
						Uncountable overlapping explosions (all outgoing) and bursts	IFV (BMP-1 and BMP-2) cannon, anti-aircraft gun (ZU-23, 23mm)		19:10-19:20
				32	Shot and explosion	Outgoing	IFV (BMP-1 and BMP-2) cannon		
				80	Burst		HMG		
				15	Burst		Anti-aircraft gun (ZU-23)		
				8	Explosion	Outgoing	Mortar (82mm)		
						Uncountable overlapping explosions(all outgoing),	Tank (type N/K), mortar (82mm)		20:05-20:35

						bursts and shots	and 120mm), IFV (BMP-1 and BMP-2) cannon, anti-aircraft gun (ZU-23), HMG		
				58	Burst		Anti-aircraft gun (ZU-23)		20:40-23:30
				245	Burst		HMG		
				160	Shot and explosion	Outgoing	IFV (BMP-1 and BMP-2) cannon		
				80	Shot		AGL (type N/K)		
				40	Explosion	Outgoing	Mortar (82mm)		
				18	Explosion	Outgoing	Mortar (120mm)		
	3-4km	SE	Heard	25	Shot		IFV (BMP-1 and BMP-2) cannon	23-Feb	01:10-01:35
				9	Explosion	Outgoing	Mortar (120mm)		16:35-17:20
				19	Explosion	Outgoing	Mortar (82mm)		
				31	Explosion		IFV (BMP-1) cannon		
				90	Burst		HMG		
				17	Shot		AGL (type N/K)		
				30	Burst		Anti-aircraft gun (ZU-23)		
				35	Shot		IFV (BMP-2) cannon		
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	15-18km	WNW	Heard	75	Explosion	Undetermined	N/K	22-Feb	19:30-20:10
		W		25	Explosion	Undetermined			
		SW	Heard	10	Explosion	Undetermined		23-Feb	15:05-15:09
Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2km	S	Heard	15	Shot	Assessed as outside the disengagement area	AGL (type N/K)	22-Feb	23:09-23:11
	5-7km	S	Heard	11	Explosion	Undetermined (assessed as outside the disengagement area)	Artillery (type N/K)	23-Feb	00:05-00:14

S edge of Berezivske (non-government-controlled, 53km NW of Luhansk)	8-10km	NNE	Heard	2	Explosion	Undetermined	N/K	23-Feb	12:56
NW edge of Orikhove (government-controlled, 57km NW of Luhansk)	4-6km	SE	Heard	2	Explosion	Impact	N/K	23-Feb	13:37
				1	Explosion	Impact			13:39
				1	Explosion	Outgoing			13:41
				3	Explosion	Outgoing			13:50

## Map of Donetsk and Luhansk regions<sup>2</sup>



<sup>2</sup> 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 base from which SMM staff has temporarily relocated since 27 September 2016 based on recommendations of security experts from participating States.)