

Table of ceasefire violations as of 23 May 2018¹

SMM position	Distance	Direction	Means	No.	Observation	Description	Weapon	Date	Time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km	ESE	Recorded	1	Explosion	Undetermined	N/K	22-May	20:52
	3-5km	ESE	Recorded	5	Muzzle flash		N/K	22-May	20:52
	3-5km	ESE	Recorded	1	Projectile	In vertical flight	N/K	22-May	20:52
	3-5km	ESE	Recorded	1	Explosion	Undetermined	N/K	22-May	20:53
	3-5km	ESE	Recorded	3	Projectile	In vertical flight	N/K	22-May	20:53
	3-5km	ESE	Recorded	1	Explosion	Undetermined	N/K	22-May	20:55
	3-5km	ESE	Recorded	2	Projectile	SW to NE	N/K	22-May	20:55
	3-5km	ESE	Recorded	1	Explosion	Undetermined	N/K	22-May	21:08
	3-5km	ESE	Recorded	5	Projectile	N to S	N/K	22-May	22:44
	3-5km	ESE	Recorded	5	Projectile	N to S	N/K	22-May	22:51
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km	SW	Recorded	12	Projectile	SE to NW	N/K	22-May	20:48
	1-2km	SW	Recorded	5	Projectile	SE to NW	N/K	22-May	20:49
	1-2km	SW	Recorded	1	Burst	SE to NW	N/K	22-May	20:58
	1-2km	SW	Recorded	5	Burst	SE to NW	N/K	22-May	20:59
	1-2km	SW	Recorded	5	Projectile	SE to NW	N/K	22-May	23:30
	500-2000m	SW	Recorded	1	Burst	SE to NW	N/K	22-May	23:34

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.

SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk)	3-6km	NE	Recorded	1	Projectile	N to S	N/K	22-May	20:52
	4-8km	NE	Recorded	2	Explosion	Undetermined	N/K	22-May	20:55
	4-8km	NE	Recorded	1	Explosion	Undetermined	N/K	22-May	20:57
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	1-2km	SSE	Recorded	5	Explosion	3 assessed as outgoing/2 undetermined	N/K	22-May	23:58
	1-2km	SSE	Recorded	3	Projectile	E to W	N/K	22-May	23:58
	1-2km	SSE	Recorded	1	Projectile	E to W	N/K	22-May	23:59
	1-2km	SSE	Recorded	2	Projectile	E to W	N/K	23-May	00:57
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	4-7km	SSW	Recorded	12	Projectile	E to W, assessed as outside the disengagement area	N/K	22-May	22:31
	4-8km	SE	Recorded	2	Muzzle Flash	N to S, assessed as outside the disengagement area	N/K	22-May	23:14
	4-8km	E	Recorded	1	Projectile	N to S, assessed as outside the disengagement area	N/K	22-May	23:15
	2-5km	E	Recorded	3	Projectile	N to S, assessed as outside the disengagement area	N/K	22-May	23:16
	4-6km	E	Recorded	1	Projectile	E to W, assessed as outside the disengagement area	N/K	23-May	00:55
	4-6km	E	Recorded	1	Projectile	NNW to SSE, assessed as outside the disengagement area	N/K	23-May	00:55
	4-4km	E	Recorded	3	Projectile	S to N, assessed as outside the disengagement area	N/K	23-May	01:21
	3-5km	E	Recorded	2	Muzzle Flash	Assessed as outside the disengagement area; possible	N/K	23-May	01:26

						small arms fire			
Mariupol (government-controlled, 102km S of Donetsk)	N/K	NE	Heard	400	Explosion	N/K (uncountable, at least 400)	Artillery (type N/K)	22-May	19:00-19:45
3km SE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K	E	Heard	25	Explosion	Undetermined	MLRS (type N/K)	23-May	10:55-11:05
	N/K	E	Heard	10	Burst		HMG	23-May	10:55-11:05
	N/K	E	Heard	13	Explosion	Undetermined	N/K	23-May	10:55-11:05
	N/K	NE	Heard	1	Explosion	Undetermined	N/K	23-May	11:16-11:19
	N/K	NNW	Heard	30	Explosion	Undetermined	N/K	23-May	11:16-11:19
	N/K	NE	Heard	1	Explosion	Undetermined	N/K	23-May	11:35-11:42
	N/K	NNW	Heard	35	Explosion	Undetermined	N/K	23-May	11:35-11:42
Horlivka (non-government-controlled, 39km NE of Donetsk)	2-3km	SW	Heard	12	Shot		Small arms	22-May	19:20-19:23
	2-3km	SW	Heard	8	Burst		HMG	22-May	19:24-19:25
	2-3km	SW	Heard	2	Burst		HMG	22-May	19:28
	4-5km	W	Heard	4	Burst		HMG	22-May	19:37
	3-4km	W	Heard	5	Burst		HMG	22-May	19:43-19:45
	5-6km	SW	Saw	10	Burst		HMG	22-May	20:37
	5-6km	SW	Saw	10	Burst		HMG	22-May	20:48-20:51
	4-5km	SW	Saw	20	Burst		HMG	22-May	20:55-20:56
	5-6km	SW	Saw	9	Burst		HMG	22-May	21:12-21:14
	4-6km	SW	Heard And Saw	12	Burst		HMG	22-May	21:15-21:20
	5-6km	SW	Saw	2	Burst		HMG	22-	21:25

								May	
	4-5km	SW	Heard And Saw	20	Burst		HMG	22- May	22:10
	5-7km	SW	Heard	1	Explosion	Undetermined	N/K	23- May	17:44
Svitlodarsk (government- controlled, 57km NE of Donetsk)	2-4km	S	Heard	2	Explosion	Undetermined	N/K	22- May	18:01- 18:09
	1-2km	s	Heard	60	Burst		Small arms	22- May	20:25- 20:35
	3-4km	S	Heard	20	Explosion	Undetermined	N/K	22- May	21:10- 21:35
	1-2km	s	Heard	50	Burst		Small arms	22- May	21:10- 21:35
	1-2km	S	Heard	20	Burst		Small arms	22- May	22:13- 23:00
	3-4km	S	Heard	20	Explosion	Undetermined	N/K	22- May	22:13- 23:15
	1-2km	S	Heard	10	Burst		Small arms	23- May	03:01- 03:10
	4-6km	S	Heard	1	Shot		Small arms	23- May	11:37
	5-6km	S	Heard	2	Explosion	Undetermined	N/K	23- May	14:50
	5-6km	S	Heard	2	Explosion	Undetermined	N/K	23- May	14:52
	5-6km	S	Heard	2	Explosion	Undetermined	N/K	23- May	14:54
	5-6km	S	Heard	1	Explosion	Undetermined	N/K	23- May	15:21
	3km	S	Heard	3	Burst	Undetermined	Small arms	23- May	15:35
	5-6km	S	Heard	2	Explosion	Undetermined	N/K	23- May	15:35
	5-6km	S	Heard	1	Explosion	Undetermined	N/K	23- May	15:44
	1-2km	S	Heard	3	Burst		Small arms	23- May	15:45
	5-6km	S	Heard	2	Explosion	Undetermined	N/K	23- May	17:29
	5-6km	S	Heard	20	Explosion	Undetermined	N/K	23- May	17:35- 17:45

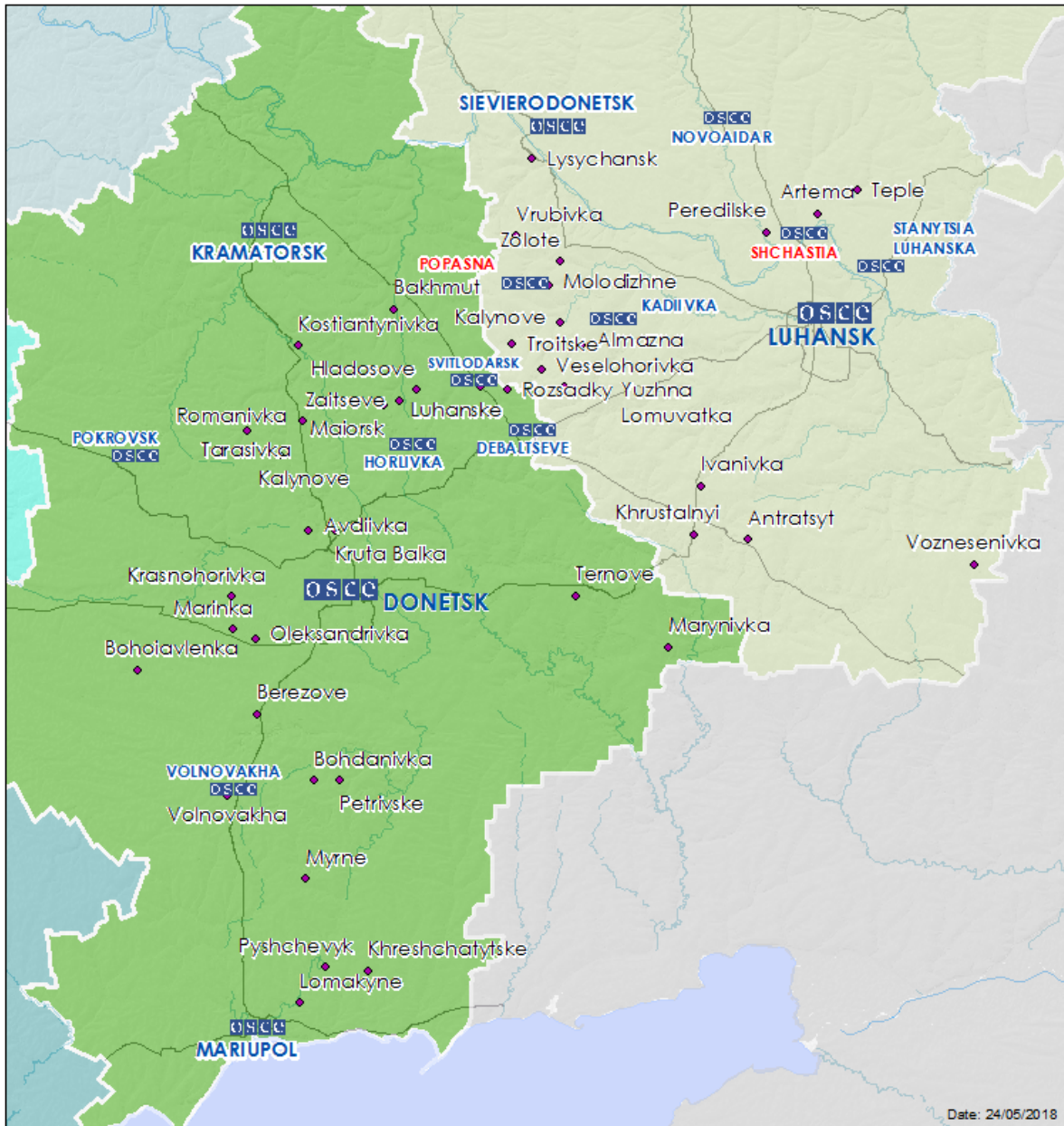
	4-5km	SE	Heard	1	Explosion	Undetermined	N/K	23-May	17:49
	5-6km	S	Heard	3	Explosion	Undetermined	N/K	23-May	17:49
	3km	S	Heard	1	Burst		Small arms	23-May	17:49
	5-6km	SE	Heard	30	Explosion	Undetermined	N/K	23-May	18:01 - 18:30
	3-4km	SE	Heard	5	Burst		HMG	23-May	18:01 - 18:30
Kruta Balka (non-government controlled, 16km N of Donetsk)	1-3km	W	Heard	1	Explosion	Undetermined	N/K	23-May	08:25
	1-3km	NW	Heard	1	Explosion	Undetermined	N/K	23-May	12:49
	1-3km	NW	Heard	1	Explosion	Undetermined	N/K	23-May	16:00
1.6km SSE of Kamianka (government-controlled, 20km N of Donetsk)	1-2km	NE	Heard	4	Burst		Small arms	23-May	10:04
	1km	E	Heard	1	Shot		Small arms	23-May	11:15
	1km	E	Heard	1	Shot		Small arms	23-May	11:26
	1km	E	Heard	1	Shot		Small arms	23-May	11:27
	1km	NE	Heard	1	Shot		Small arms	23-May	11:27
	1km	E	Heard	1	Shot		Small arms	23-May	11:28
	1km	E	Heard	1	Shot		Small arms	23-May	11:29
	1km	E	Heard	1	Shot		Small arms	23-May	11:33
	1km	E	Heard	1	Shot		Small arms	23-May	11:40
	1km	SE	Heard	4	Shot		Small arms	23-May	12:04-12:06
	300-400m	SE	Heard	1	Shot		Small arms	23-May	15:08
	300-400m	SE	Heard	4	Shot		Small arms	23-May	15:38
	Oleksandrivka (non-	1km	W	Heard And Saw	1	Explosion	Impact	N/K	23-May

government-controlled, 20km SW of Donetsk)	3-4km	W	Heard	23	Explosion	Outgoing	N/K	23-May	10:14-10:30
	3-5km	W	Heard	8	Explosion	Outgoing	N/K	23-May	10:35-10:45
	3-5km	W	Heard	1	Explosion	Undetermined	N/K	23-May	10:51
	3-5km	W	Heard	1	Explosion	Outgoing	N/K	23-May	10:53
	3-5km	W	Heard	1	Explosion	Undetermined	N/K	23-May	10:57
Krasnohorivka (government-controlled, 21km W of Donetsk)	3-4km	E	Heard	1	Explosion	Undetermined	N/K	23-May	10:50
Olenivka (non-government-controlled, 23km SW of Donetsk)	1-2km	NE	Heard	2	Shot		Small arms	23-May	10:25
Marinka (government-controlled, 23km SW of Donetsk)	1-2km	ENE	Heard	11	Shot		N/K	23-May	11:38-11:40
	2-4km	E	Heard	3	Burst		Small arms	23-May	11:45
	2-4km	E	Heard	2	Burst		Small arms	23-May	11:59
	2-4km	E	Heard	5	Shot		Small arms	23-May	11:59
	1-3km	ESE	Heard	34	Burst		Small arms	23-May	12:15-12:19
	1-3km	ESE	Heard	16	Shot		Small arms	23-May	12:15-12:19
	1-3km	ESE	Heard	1	Explosion	Undetermined	N/K	23-May	12:20
	1-3km	ESE	Heard	15	Burst		Small arms	23-May	12:24
1.1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-5km	E	Heard	1	Explosion	Undetermined	N/K	23-May	12:22
	2km	NW	Heard	3	Burst		HMG	23-May	12:25
	3-5km	NW	Heard	1	Explosion	Undetermined	N/K	23-May	12:49
Donetsk Filtration Station (15km N of Donetsk)	1km	NNE	Heard	2	Shot		Small arms	23-May	11:30
	1km	NNE	Heard	4	Shot		Small arms	23-	12:28

								May	
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-5km	SE	Heard	1	Explosion	Undetermined	N/K	23-May	14:54
	3-5km	SE	Heard	1	Explosion	Undetermined	N/K	23-May	15:13
	3-5km	SE	Heard	14	Shot		Small arms	23-May	15:41-15:52
	3-5km	SE	Heard	6	Burst		Small arms	23-May	15:41-15:52
VeseloHorivka (non-government-controlled, 64km W of Luhansk)	2-3km	NNE	Heard	15	Shot	Undetermined	Small arms	23-May	10:10-10:20
	10-15km	SE	Heard	12	Explosion	Undetermined		23-May	10:15-10:25
1km south-west of Molodizhne (non-government-controlled, 63km north-west of Luhansk)	8-10km	SSE	Heard	10	Explosion	Undetermined	N/K	23-May	10:20-10:25
	8-10km	NNE	Heard	3	Burst	Undetermined	HMG	23-May	10:20-10:25
	8-10km	NNE	Heard	2	Burst	Outgoing (2 burst of 3 shots)	IFV (type N/K)	23-May	10:20-10:25
	8-10km	NNE	Heard	10	Explosion	Undetermined	N/K	23-May	10:46-10:51
	200-200m	NW	Heard	3	Shot	Undetermined	Small arms	23-May	15:08-15:08
	10-15km	S	Heard	60	Explosion	30 assessed as outgoing and 30 as impacts	N/K	23-May	17:58-18:25
	6-10km	S	Heard	1	Burst	Outgoing	HMG	23-May	18:04-18:04
	10-15km	S	Heard	60	Explosion	30 assessed as outgoing and 30 as impacts	N/K	23-May	17:58-18:25
	6-10km	S	Heard	1	Burst	Outgoing	HMG	23-May	18:04-18:04
Malomykolaivka (non-government-controlled, 36km SW of Luhansk)	7-10km	NNW	Heard and saw	10	Explosion	5 assessed as outgoing and 5 as impacts	Tank (type N/K)	23-May	12:29-12:40
Stanytsia Luhanska (non-government-controlled, 15km NE of Luhansk)	1km	E	Heard	1	Shot	Undetermined	Small arms	23-May	13:04-13:04
Almazna (non-government-	10-15km	SW	Heard	1	Explosion	Undetermined	N/K	23-	15:00

controlled, 55km W of Luhansk)								May	
1km west of Popasna (government- controlled, 69km west of Luhansk)	6-10km	SE	Heard	2	Explosion	Undetermined	N/K	23- May	16:08
1km west of Popasna (government- controlled, 69km west of Luhansk)	2-4km	E	Heard	1	Explosion	Undetermined	N/K	23- May	16:14
Eastern outskirts of Popasna (government- controlled, 69km west of Luhansk)	8-12km	SSE	Heard	76	Explosion	Undetermined	N/K	23- May	17:52- 18:20

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).