

Table of ceasefire violations as of 23 November 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	22-Nov, 19:07
	2-5km SSE	Recorded	5	Projectile	ENE to WSW	N/K	22-Nov, 19:14
	2-5km SSE	Recorded	3	Projectile	ENE to WSW	N/K	22-Nov, 19:17
	2-5km SSE	Recorded	3	Projectile	ENE to WSW	N/K	22-Nov, 19:30
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.8-1.2km S	Recorded	2	Explosion	Undetermined	N/K	22-Nov, 22:12
	0.8-1.2km S	Recorded	1	Explosion	Undetermined	N/K	22-Nov, 22:15
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km ENE	Recorded	1	Projectile	SSE to NNW	N/K	22-Nov, 20:45
	2-4km ESE	Recorded	1	Projectile	SSE to NNW	N/K	22-Nov, 21:32
	2-4km ESE	Recorded	2	Projectile	WSW to ENE	N/K	22-Nov, 21:37
	2-4km ESE	Recorded	2	Projectile	WSW to ENE	N/K	22-Nov, 21:39
	3-5km E	Recorded	4	Projectile	N to S	N/K	23-Nov, 02:33
	3-5km E	Recorded	1	Projectile	WSW to ENE	N/K	23-Nov, 02:34
	3-5km E	Recorded	2	Projectile	S to N	N/K	23-Nov, 05:00
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	2	Projectile	N to S	N/K	23-Nov, 16:34
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	23-Nov, 16:34
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	22-Nov, 19:52
	2-3km NNE	Recorded	1	Burst	SE to NW	N/K	23-Nov, 04:41
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	3-5km SSE	Recorded	1	Projectile	W to E	N/K	22-Nov, 19:34
NW edge of Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	3-5km N	Heard	1	Explosion	Undetermined	N/K	23-Nov, 09:23
	2-3km ENE	Heard	1	Explosion	Outgoing	N/K	23-Nov, 09:42
	3-5km N	Heard	1	Explosion	Impact	N/K	23-Nov, 09:42

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.

	2-3km NNE	Heard	6	Burst		HMG	23-Nov, 10:23	
3.2km SSE of Lozove (non-government-controlled, 52km NE of Donetsk)	2-3km NE	Heard	1	Explosion	Undetermined	N/K	23-Nov, 11:00	
Marinka (government-controlled, 23km SW of Donetsk)	2-3km ENE	Heard	2	Explosion	Undetermined	N/K	23-Nov, 10:44	
	2-3km ENE	Heard	40	Shot		Small arms	23-Nov, 10:44	
Trudivski area in Petrovskiy district (non-government-controlled, 15km SW of Donetsk city centre)	5-6km N	Heard	1	Explosion	Undetermined	N/K	23-Nov, 10:30	
	4-5km N	Heard	1	Explosion	Undetermined	N/K	23-Nov, 10:30	
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	2-4km NW	Heard	1	Explosion	Undetermined	N/K	23-Nov, 13:30	
Staromykhailivka (non-government-controlled, 15km W of Donetsk)	3-6km NW	Heard	1	Explosion	Undetermined	N/K	23-Nov, 10:30	
	3-5km N	Heard	5	Explosion	Undetermined	N/K	23-Nov, 13:18- 13:20	
	3-5km N	Heard	3	Burst		HMG	23-Nov, 13:18- 13:20	
	3-5km N	Heard	3	Explosion	Undetermined	N/K	23-Nov, 13:25- 13:27	
	4-6km N	Heard	3	Explosion	Undetermined	N/K	23-Nov, 13:32	
	3-5km N	Heard	8	Explosion	Undetermined	N/K	23-Nov, 14:15- 14:18	
1.9km NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)	3-5km N	Heard	10	Explosion	Undetermined	N/K	23-Nov, 14:23- 14:25	
	1km NW	Heard	5	Shot		Small arms	23-Nov, 14:24	
	3-5km N	Heard	4	Burst		HMG	23-Nov, 14:25	
	3-5km N	Heard	14	Explosion	Undetermined	N/K	23-Nov, 14:25- 14:26	
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	23-Nov, 12:35	
	2km SSW	Heard	11	Shot		Small arms	23-Nov, 12:46- 13:05	
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	23-Nov, 13:20	
	2-3km SSW	Heard	7	Shot		Small arms	23-Nov, 13:20	
	3-4km NW	Heard	1	Explosion	Undetermined	N/K	23-Nov, 13:30	
	3-4km SW	Heard	7	Explosion	Undetermined	N/K	23-Nov, 13:42- 13:46	
	Berezove (government controlled, 32km SW of Donetsk)	N/K NW	Heard	2	Explosion	Undetermined	N/K	23-Nov, 10:03
	3km SW of	2km S	Heard	1	Explosion	Impact	N/K	23-Nov,

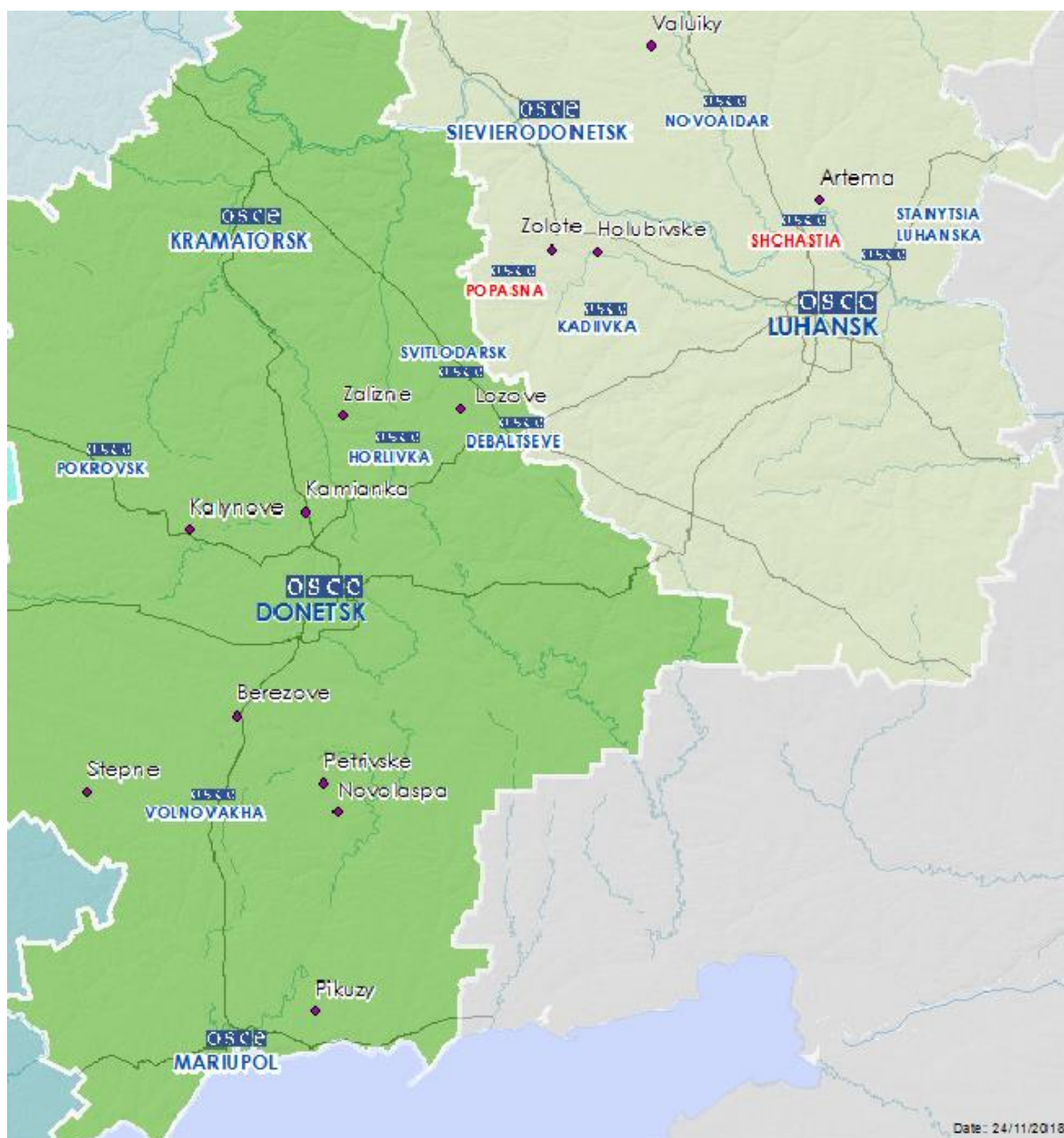
Chermalyk (government controlled, 31km NE of Mariupol)							10:35
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard	38	Burst		HMG	22-Nov, 19:13-19:17
	3-5km SE	Heard	32	Burst		HMG	22-Nov, 19:34-19:38
	3-5km SE	Heard	3	Burst		HMG	22-Nov, 19:49
	3-5km SE	Heard	22	Burst		HMG	22-Nov, 20:11-20:13
	5-8km SE	Heard	2	Explosion	Undetermined	N/K	22-Nov, 20:40-20:41
	3-5km SE	Heard	30	Burst		Small arms	22-Nov, 21:00
	3-5km SE	Heard	6	Burst		Small arms	22-Nov, 21:02
	3-5km SE	Heard	9	Shot		Small arms	22-Nov, 21:05
	3-5km SE	Heard	6	Shot		Small arms	22-Nov, 21:26
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	22-Nov, 21:31
	3-5km SE	Heard	2	Burst		Small arms	22-Nov, 21:32
	3-5km SE	Heard	8	Burst		Small arms	22-Nov, 21:37
	3-5km SE	Heard	7	Burst		Small arms	22-Nov, 21:40
	3-5km SW	Heard	6	Burst		HMG	22-Nov, 21:50
	3-5km SW	Heard	2	Burst		HMG	22-Nov, 21:51
	3-5km SW	Heard	4	Explosion	Undetermined	N/K	22-Nov, 21:56
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Nov, 22:05
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	22-Nov, 22:50
	3-5km SE	Heard	1	Shot		Small arms	22-Nov, 23:08
	4-5km SE	Heard	4	Burst		HMG	23-Nov, 06:32
	4-5km SE	Heard	16	Burst		HMG	23-Nov, 09:45
	4-5km SE	Heard	10	Shot		Small arms	23-Nov, 09:47
	1km SE	Heard	1	Explosion	Undetermined	N/K	23-Nov, 11:21
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	23-Nov, 12:00
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	23-Nov, 12:01
	4-5km SE	Heard	3	Explosion	Undetermined	N/K	23-Nov, 12:14
	4-5km SE	Heard	4	Burst		HMG	23-Nov, 12:29
	5-7km SE	Heard	8	Explosion	Undetermined	N/K	23-Nov, 13:05-13:10

	5-7km SE	Heard	5	Explosion	Undetermined	N/K	23-Nov, 13:20- 13:22
	5-7km ESE	Heard	63	Explosion	Undetermined	N/K	23-Nov, 14:16- 14:20
	5-7km SSE	Heard	110	Burst		HMG	23-Nov, 14:21- 14:25
	5-7km SSE	Heard	8	Explosion	Undetermined	N/K	23-Nov, 14:26- 14:30
	5-7km SSE	Heard	23	Burst		HMG	23-Nov, 14:31- 14:34
	5-7km SE	Heard	25	Burst		HMG	23-Nov, 16:58- 17:02
Maïorsk (government- controlled, 45km NE of Donetsk)	2-5km E	Heard	1	Explosion	Undetermined	N/K	23-Nov, 11:20
E edge of Kamianka (government- controlled, 20km N of Donetsk)	4-6km NE	Heard	1	Explosion	Undetermined	N/K	23-Nov, 12:36
	2-3km NNE	Heard	1	Explosion	Undetermined	N/K	23-Nov, 13:30
	3-4km SSE	Heard	11	Burst	Assessed as outside the disengagement area	Anti- aircraft gun (ZU- 23, 23mm)	22-Nov, 21:15- 21:25
	3-4km SSE	Heard	5	Burst	Assessed as outside the disengagement area	IFV (BMP-2) cannon (30mm)	22-Nov, 21:30- 21:35
E edge of Stanytsia Luhanska (government- controlled, 16km NE of Luhansk)	4-5km SW	Heard	60	Burst	Unable to assess whether inside or outside the disengagement area	HMG	22-Nov, 22:12- 22:18
2km S of Holubivske (non- government- controlled, 51km W of Luhansk)	2-3km N	Heard	21	Shot		Small arms	23-Nov, 09:20- 09:27
Holubivske (non- government- controlled, 51km W of Luhansk)	3-4km NW	Heard	1	Explosion	Undetermined	N/K	23-Nov, 09:52
NW edge of Holubivske (non- government- controlled, 51km W of Luhansk)	3-4km NNE	Heard	12	Explosion	Undetermined	N/K	23-Nov, 10:05- 10:20
	3-4km NNE	Heard	2	Explosion	Undetermined	Mortar (120mm)	23-Nov, 10:05- 10:20
	3-4km NNE	Heard	9	Shot		N/K	23-Nov, 10:05- 10:20
	3-4km NNE	Heard	1	Explosion	Outgoing	IFV (BMP-1) cannon (73mm)	23-Nov, 10:05- 10:20
	3-4km NNE	Heard	51	Burst		HMG	23-Nov, 10:05-

							10:20
	5-6km W	Heard	3	Explosion	Undetermined	N/K	23-Nov, 10:27
	3-4km NNE	Heard	3	Burst		HMG	23-Nov, 10:37
	5-6km W	Heard	2	Explosion	Undetermined	N/K	23-Nov, 10:50- 11:00
	4-5km NNE	Heard	8	Explosion	Undetermined	N/K	23-Nov, 11:04- 11:10
S edge of Zolote disengagement area (58km W of Luhansk)	2-5km NNE	Heard	9	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Nov, 10:05- 10:15
	2-5km NNE	Heard	8	Burst	Assessed as outside the disengagement area	HMG	23-Nov, 10:05- 10:15
SE edge of Toshkivka (government- controlled, 60km NW of Luhansk) SE edge of Toshkivka (government- controlled, 60km NW of Luhansk)	5-6km SE	Heard	5	Shot		Small arms	23-Nov, 10:13
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	23-Nov, 10:16
2km NW of Shchastia (government- controlled, 20km N of Luhansk)	10-15km N	Heard	7	Explosion	Undetermined	N/K	23-Nov, 10:15- 10:20
N edge of Orikhove (government- controlled, 57km NW of Luhansk)	7-9km SW	Heard	1	Explosion	Undetermined	N/K	23-Nov, 10:24
Zolote- 5/Mykhailivka (non-government- controlled, 58km W of Luhansk)	1-2km NNW	Heard	2	Explosion	Outgoing (assessed as outside the disengagement area)	N/K	23-Nov, 10:55- 11:00
Zolote (government- controlled, 60km W of Luhansk)	4-6km SE	Heard	1	Burst	Assessed as outside the disengagement area	Small arms	23-Nov, 11:24- 11:26
	4-6km SE	Heard	4	Shot	Assessed as outside the disengagement area	Small arms	23-Nov, 11:24- 11:26
	4-6km SE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Nov, 11:24- 11:26
	4-6km SE	Heard	18	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Nov, 11:34- 11:42
	4-6km SE	Heard	1	Explosion	Undetermined (assessed as outside the	N/K	23-Nov, 11:49

					disengagement area)		
	4-6km SE	Heard	5	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Nov, 12:09-12:17
S edge of Berezhivske (non-government-controlled, 53km NW of Luhansk)	2-5km NNE	Heard	5	Explosion	Undetermined	N/K	23-Nov, 11:15-11:25
	2-5km NNE	Heard	21	Burst		HMG	23-Nov, 11:15-11:25
	2-5km NW	Heard	21	Explosion	Undetermined	N/K	23-Nov, 11:20-11:35
	2-5km NW	Heard	11	Burst		HMG	23-Nov, 11:20-11:35
NE edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	6-7km NNW	Heard	2	Explosion	Undetermined	N/K	23-Nov, 11:45

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).