

Table of ceasefire violations as of 16 August 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	1	Illumination flare	In vertical flight. Also recorded by the SMM camera in Hnutove	N/K	15-Aug, 21:40
	2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	15-Aug, 22:24
	2-4km SSE	Recorded	1	Explosion	Airburst, subsequent to previous event.	N/K	15-Aug, 22:24
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	15-Aug, 22:34
	2-4km SSE	Recorded	9	Projectile	WNW to ESE	N/K	15-Aug, 22:59
	2-4km SSE	Recorded	1	Projectile	NW to SE	N/K	15-Aug, 23:08
	2-4km SSE	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	15-Aug, 23:08
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	16-Aug, 01:04
	3-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	16-Aug, 01:04
	2-4km SE	Recorded	7	Projectile	WNW to ESE	N/K	16-Aug, 01:07
	2-4km SSE	Recorded	11	Projectile	WNW to ESE	N/K	16-Aug, 01:24
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	16-Aug, 01:43
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	16-Aug, 01:43
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	16-Aug, 01:44
	2-4km SE	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	16-Aug, 01:44
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	16-Aug, 01:46
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	16-Aug, 01:47
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	16-Aug, 01:49
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	16-Aug, 01:50
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	16-Aug, 01:52
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-Aug, 01:55
	2-4km SSE	Recorded	5	Projectile	WSW to ENE	N/K	16-Aug, 02:26
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Aug, 02:26
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	16-Aug, 02:28
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	16-Aug, 02:47
	2-3km SSE	Recorded	1	Muzzle flash		N/K	16-Aug, 02:47
	2-4km SSE	Recorded	1	Projectile	WSW to ENE (subsequent to previous event)	N/K	16-Aug, 02:47
3-4km SSE	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	16-Aug, 02:47	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	15-Aug, 21:26
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	15-Aug, 22:24
SMM camera at	0.3-0.6km	Recorded	1	Projectile	N to S	N/K	15-Aug, 23:08

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.

entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	ENE						
	2-4km E	Recorded	3	Projectile	In vertical flight	N/K	16-Aug, 00:50
	2-4km E	Recorded	1	Projectile	S to N	N/K	16-Aug, 01:40
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-6km E	Recorded	1	Illumination flare	In vertical flight	N/K	15-Aug, 20:55
	2-6km E	Recorded	1	Illumination flare	In vertical flight	N/K	16-Aug, 01:04
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	3-5km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	15-Aug, 20:13
	3-5km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	15-Aug, 20:20
	3-5km S	Recorded	1	Projectile	W to E	N/K	15-Aug, 23:12
	3-5km SSE	Recorded	2	Projectile	In vertical flight	N/K	15-Aug, 23:33
	3-5km S	Recorded	3	Projectile	W to E	N/K	15-Aug, 23:33
	3-5km S	Recorded	2	Projectile	E to W	N/K	15-Aug, 23:43
	3-5km SSE	Recorded	1	Projectile	WNW to ESE	N/K	16-Aug, 00:03
	3-5km S	Recorded	1	Projectile	W to E	N/K	16-Aug, 00:06
	3-5km SSE	Recorded	1	Projectile	In vertical flight	N/K	16-Aug, 00:14
	3-5km SSE	Recorded	1	Projectile	E to W	N/K	16-Aug, 00:14
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	16-Aug, 00:31
	3-5km SSE	Recorded	3	Projectile	WNW to ESE	N/K	16-Aug, 00:32
	3-5km SSE	Recorded	2	Projectile	WNW to ESE	N/K	16-Aug, 00:45
	3-5km S	Recorded	2	Projectile	W to E	N/K	16-Aug, 00:46
	3-5km SSE	Recorded	4	Projectile	W to E	N/K	16-Aug, 00:54
	3-5km S	Recorded	2	Projectile	W to E	N/K	16-Aug, 01:06
	3-5km SSE	Recorded	9	Projectile	W to E	N/K	16-Aug, 01:17
	3-5km SSE	Recorded	15	Projectile	E to W	N/K	16-Aug, 01:17
	3-5km SSE	Recorded	11	Projectile	W to E	N/K	16-Aug, 01:18
	3-5km SSE	Recorded	4	Projectile	E to W	N/K	16-Aug, 01:18
	3-5km SSE	Recorded	9	Projectile	E to W	N/K	16-Aug, 01:19
	3-5km SSE	Recorded	6	Projectile	W to E	N/K	16-Aug, 01:19
	3-5km SSE	Recorded	4	Projectile	W to E	N/K	16-Aug, 01:20
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Aug, 01:20
	3-5km SSE	Recorded	5	Projectile	W to E	N/K	16-Aug, 01:22
	3-5km SSE	Recorded	5	Projectile	In vertical flight	N/K	16-Aug, 01:36
	3-5km SSE	Recorded	2	Projectile	WNW to ESE	N/K	16-Aug, 01:42
	3-5km SSE	Recorded	2	Projectile	WNW to ESE	N/K	16-Aug, 02:18
	3-5km SSE	Recorded	2	Projectile	WNW to ESE	N/K	16-Aug, 02:18
	3-5km S	Recorded	3	Projectile	W to E	N/K	16-Aug, 03:35
	3-5km S	Recorded	1	Projectile	E to W	N/K	16-Aug, 03:35
	3-5km S	Recorded	1	Projectile	W to E	N/K	16-Aug, 03:38
	3-5km SSE	Recorded	11	Projectile	WNW to ESE	N/K	16-Aug, 03:47
3-5km SSE	Recorded	2	Projectile	W to E	N/K	16-Aug, 04:37	
About 1.1km NW of Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-4km SSE	Heard	6	Shot	Assessed as part of a live-fire exercise	Small arms	16-Aug, 10:08
	5-6km NNW	Heard	1	Explosion	Undetermined	N/K	16-Aug, 10:17
	1-3km W	Heard	2	Shot		HMG	16-Aug, 13:05
About 1km SE of Kruta Balka (non-governmental-controlled, 16km NE of Donetsk)	2-4km S	Heard	33	Shots and bursts	Assessed as part of a live-fire exercise	Small arms	16-Aug, 11:20-11:21
	2-4km S	Heard	54	Shots and bursts	Assessed as part of a live-fire exercise	Small arms	16-Aug, 11:24-11:29
	2-4km S	Heard	1	Explosion	Assessed as part of a live-fire exercise	N/K	16-Aug, 11:30
	2-4km S	Heard	10	Shot	Assessed as part	Small	16-Aug, 11:34

					of a live-fire exercise	arms	
About 2km SW of Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km ESE	Heard	4	Burst		HMG	16-Aug, 09:34-09:40
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km S	Heard	27	Explosion	Undetermined	N/K	15-Aug, 19:10-19:16
	2-4km S	Heard	1	Explosion	Undetermined	N/K	15-Aug, 19:25
	2-3km S	Heard	2	Burst		HMG	15-Aug, 23:18
	2-3km S	Heard	2	Burst		HMG	15-Aug, 23:35
	2-3km S	Heard	4	Burst		Small arms	15-Aug, 23:36-23:37
	2-3km S	Heard	2	Burst		HMG	15-Aug, 23:37
	2-3km S	Heard	2	Burst		HMG	15-Aug, 23:39
	2-3km S	Heard	12	Burst		Small arms	15-Aug, 23:45
	2-3km S	Heard	5	Burst		HMG	15-Aug, 23:45
	2-3km S	Heard	4	Burst		Small arms	15-Aug, 23:49
	2-3km S	Heard	9	Burst		Small arms	15-Aug, 23:54-23:55
	2-3km S	Heard	4	Burst		HMG	15-Aug, 23:54
	2-4km S	Heard	2	Explosion	Undetermined	N/K	15-Aug, 23:56
	2-3km S	Heard	4	Burst		Small arms	15-Aug, 23:57
SW edge of Novoluhanske (government-controlled, 53km NE of Donetsk)	3-4km N	Heard	4	Burst		HMG	16-Aug, 08:47
	3-4km N	Heard	1	Explosion	Undetermined	N/K	16-Aug, 11:09
	1.5km S	Heard	4	Burst		HMG	16-Aug, 11:37
	4-5km N	Heard	1	Explosion	Undetermined	N/K	16-Aug, 11:41
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	16-Aug, 12:38
	2-3km SE	Heard	20	Shot		Small arms	16-Aug, 12:38-12:41
	2-4km SE	Heard	1	Explosion	Undetermined	N/K	16-Aug, 12:53
	2-4km SE	Heard	1	Explosion	Undetermined	N/K	16-Aug, 13:08
3-4km S	Heard	1	Explosion	Undetermined	N/K	16-Aug, 13:20	
Holmivskiyi (non-government-controlled, 49km NE of Donetsk)	7-8km E	Heard	1	Explosion	Undetermined	N/K	16-Aug, 11:40
E edge of Semyhiria (government-controlled, 58km NE of Donetsk)	3-4km E	Heard	1	Explosion	Undetermined	N/K	16-Aug, 11:40
	3-4km E	Heard	1	Explosion	Undetermined	N/K	16-Aug, 11:44
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	16-Aug, 00:00
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-5km SSE	Heard	2	Shot	Assessed as outside the disengagement area	Small arms	15-Aug, 21:44-21:45
N edge of Popasna (government-controlled, 69km W of Luhansk)	8-10km SE	Heard	20	Burst		HMG	15-Aug, 23:55-00:00
	8-10km SE	Heard	30	Burst		HMG	16-Aug, 00:40-00:45
	8-10km SE	Heard	1	Explosion	Undetermined	N/K	16-Aug, 00:40-00:45
	8-10km SE	Heard	23	Explosion	Undetermined	N/K	16-Aug, 01:00-01:55
E edge of Popasna	10km S	Heard	3	Explosion	Undetermined	N/K	16-Jun, 11:35-

(government-controlled, 69km W of Luhansk)	10km S	Heard	2	Explosion	Undetermined	N/K	11:45 16-Aug, 14:42-15:00
N edge of the disengagement areas near Zolote (government-controlled, 60km W of Luhansk)	2-3km SSE	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	16-Aug, 11:10
1.7km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	10-15km SSW	Heard	2	Explosion	Undetermined	N/K	16-Aug, 11:42-11:45
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	16-Aug, 14:43-14:47
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	16-Aug, 15:02-15:07

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).