

Table of ceasefire violations as of 15 October 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	14-Oct, 18:46
	2-4km SE	Recorded	2	Explosion	Undetermined	N/K	14-Oct, 18:46
	2-4km SE	Recorded	3	Projectile	SW to NE	N/K	14-Oct, 18:47
	2-4km SE	Recorded	1	Projectile	In vertical flight	N/K	14-Oct, 18:47
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 18:47
	2-4km SE	Recorded	4	Projectile	NE to SW	N/K	14-Oct, 18:48
	2-4km SE	Recorded	3	Projectile	In vertical flight	N/K	14-Oct, 18:48
	2-4km SE	Recorded	13	Projectile	SW to NE	N/K	14-Oct, 18:48
	2-4km SE	Recorded	4	Projectile	SW to NE	N/K	14-Oct, 18:49
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	14-Oct, 18:49
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	14-Oct, 18:59
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	14-Oct, 19:00
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 19:00
	2-4km SE	Recorded	2	Projectile	SW to NE	N/K	14-Oct, 19:02
	2-4km SE	Recorded	2	Explosion	Undetermined	N/K	14-Oct, 19:02
	2-4km SE	Recorded	5	Projectile	SW to NE	N/K	14-Oct, 19:03
	2-4km SE	Recorded	5	Projectile	N to S	N/K	14-Oct, 19:03
	2-4km SE	Recorded	7	Explosion	Undetermined	N/K	14-Oct, 19:03
	2-4km ESE	Recorded	2	Projectile	SW to NE	N/K	14-Oct, 19:04
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 19:04
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 19:05
	2-4km SE	Recorded	4	Projectile	SW to NE	N/K	14-Oct, 19:06
	2-4km SE	Recorded	7	Projectile	SW to NE	N/K	14-Oct, 19:07
	2-4km SE	Recorded	5	Projectile	SW to NE	N/K	14-Oct, 19:10
	2-4km E	Recorded	1	Projectile	NE to SW	N/K	14-Oct, 19:10
	2-4km SE	Recorded	1	Muzzle flash		N/K	14-Oct, 19:10
	2-4km ESE	Recorded	1	Projectile	SW to NE	N/K	14-Oct, 22:22
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 22:23
	2-4km ESE	Recorded	2	Projectile	SW to NE	N/K	14-Oct, 22:25
	2-4km ESE	Recorded	3	Projectile	SW to NE	N/K	14-Oct, 22:26
	2-4km ESE	Recorded	3	Projectile	SW to NE	N/K	14-Oct, 23:05
	2-4km ESE	Recorded	2	Projectile	SW to NE	N/K	15-Oct, 01:47
	2-4km ESE	Recorded	3	Projectile	SW to NE	N/K	15-Oct, 01:48
2-4km SSE	Recorded	2	Projectile	SW to NE	N/K	15-Oct, 01:54	
2-4km ESE	Recorded	3	Projectile	SW to NE	N/K	15-Oct, 02:24	
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	14-Oct, 19:14
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	14-Oct, 22:12
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km ENE	Recorded	1	Projectile	In vertical flight	N/K	14-Oct, 19:55
	2-4km ESE	Recorded	5	Projectile	N to S	N/K	14-Oct, 20:34
	2-4km ESE	Recorded	10	Projectile	N to S	N/K	14-Oct, 20:43
SMM camera E of Lomakyne (government-controlled, 90km S)	2-5km NE	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 19:18

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 position	Event location	Means	No.	Observation	Description	Weapon	Date, time
of Donetsk)							
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km ENE	Recorded	6	Projectile	NNW to SSE	N/K	14-Oct, 23:09
	1-3km ENE	Recorded	5	Projectile	N to S	N/K	14-Oct, 23:11
	1-3km ENE	Recorded	3	Projectile	N to S	N/K	14-Oct, 23:12
	1-3km ENE	Recorded	12	Projectile	N to S	N/K	14-Oct, 23:13
	1-3km ENE	Recorded	2	Projectile	N to S	N/K	14-Oct, 23:14
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	14-Oct, 23:57
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-6km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 18:53
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 84km S of Donetsk)	3-5km S	Recorded	8	Projectile	W to E	N/K	14-Oct, 18:46
	3-5km S	Recorded	3	Projectile	W to E	N/K	14-Oct, 18:47
	3-5km S	Recorded	4	Projectile	W to E	N/K	14-Oct, 18:57
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 18:59
	3-5km S	Recorded	1	Projectile	E to W	N/K	14-Oct, 19:11
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	14-Oct, 19:18
	3-5km S	Recorded	1	Projectile	E to W	N/K	14-Oct, 19:18
	3-5km S	Recorded	1	Explosion	Airburst	N/K	14-Oct, 20:29
	3-5km SSE	Recorded	7	Projectile	WSW to ENE	N/K	14-Oct, 20:34
	3-5km SSE	Recorded	25	Projectile	W to E	N/K	14-Oct, 20:34
	3-5km SSE	Recorded	26	Projectile	W to E	N/K	14-Oct, 20:43
	3-5km SSE	Recorded	6	Projectile	E to W	N/K	14-Oct, 20:43
	3-5km SSE	Recorded	21	Projectile	E to W	N/K	14-Oct, 20:45
	3-5km SSE	Recorded	2	Projectile	E to W	N/K	14-Oct, 20:49
	3-5km SSE	Recorded	7	Projectile	E to W	N/K	14-Oct, 20:56
	SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-5km N	Recorded	6	Projectile	W to E	N/K
2-5km N		Recorded	1	Burst	W to E	N/K	14-Oct, 18:44
2-5km N		Recorded	1	Projectile	W to E	N/K	14-Oct, 18:47
2-5km N		Recorded	1	Projectile	E to W	N/K	14-Oct, 18:48
2-5km N		Recorded	2	Projectile	WNW to ESE	N/K	14-Oct, 18:50
3-5km N		Recorded	6	Projectile	W to E	N/K	14-Oct, 18:58
2-5km N		Recorded	1	Projectile	W to E	N/K	14-Oct, 19:07
2-5km N		Recorded	3	Explosion	Undetermined	N/K	14-Oct, 19:07
2-5km N		Recorded	3	Projectile	E to W	N/K	14-Oct, 19:11
2-5km N		Recorded	2	Explosion	Undetermined	N/K	14-Oct, 19:10
2-5km N		Recorded	1	Projectile	W to E	N/K	14-Oct, 19:12
2-5km N		Recorded	3	Projectile	E to W	N/K	14-Oct, 19:12
2-5km NE		Recorded	1	Projectile	W to E	N/K	14-Oct, 19:13
2-5km N		Recorded	4	Projectile	W to E	N/K	14-Oct, 19:29
2-5km N		Recorded	4	Projectile	E to W	N/K	14-Oct, 19:40
2-5km N		Recorded	1	Projectile	E to W	N/K	14-Oct, 19:46
2-5km N		Recorded	1	Explosion	Undetermined	N/K	14-Oct, 19:46
2-5km N		Recorded	1	Projectile	In vertical flight	N/K	14-Oct, 19:55
2-4km NNE		Recorded	1	Explosion	Undetermined	N/K	14-Oct, 21:10
2-4km NNE		Recorded	9	Projectile	WSW to ENE	N/K	14-Oct, 22:34
2-4km NNE		Recorded	1	Projectile	WSW to ENE	N/K	14-Oct, 22:46
2-4km NNE		Recorded	2	Projectile	WSW to ENE	N/K	14-Oct, 23:00
2-4km NNE		Recorded	3	Projectile	WSW to ENE	N/K	14-Oct, 23:01
2-4km NNE		Recorded	1	Projectile	In vertical flight	N/K	14-Oct, 23:02
2-4km NNE		Recorded	2	Projectile	WNW to ESE	N/K	14-Oct, 23:02
2-4km N		Recorded	1	Projectile	ESE to WNW	N/K	14-Oct, 23:44
2-4km N		Recorded	2	Projectile	ESE to WNW	N/K	14-Oct, 23:48
2-4km N		Recorded	1	Projectile	In vertical flight	N/K	15-Oct, 00:28
2-4km N		Recorded	1	Projectile	ESE to WNW		15-Oct, 00:28
2-4km N		Recorded	1	Projectile	In vertical flight	N/K	15-Oct, 01:08
2-4km N		Recorded	11	Projectile	WNW to ESE	N/K	15-Oct, 01:20

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-4km N	Recorded	13	Projectile	WNW to ESE	N/K	15-Oct, 01:30
	2-4km N	Recorded	12	Projectile	WNW to ESE	N/K	15-Oct, 02:06
	2-4km N	Recorded	3	Projectile	WNW to ESE	N/K	15-Oct, 02:06
	2-4km N	Recorded	1	Muzzle flash		N/K	15-Oct, 02:06
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-6km E	Recorded	1	Muzzle flash		N/K	14-Oct, 21:11
	3-6km E	Recorded	1	Projectile	N to S	N/K	14-Oct, 21:11
	3-6km E	Recorded	1	Muzzle flash		N/K	14-Oct, 21:12
	3-6km E	Recorded	1	Projectile	N to S	N/K	14-Oct, 21:12
	3-6km ESE	Recorded	1	Muzzle flash		N/K	14-Oct, 21:30
	3-6km ESE	Recorded	1	Projectile	N to S	N/K	14-Oct, 21:30
	3-6km ESE	Recorded	1	Projectile	N to S	N/K	14-Oct, 21:30
	3-6km E	Recorded	1	Muzzle flash		N/K	14-Oct, 21:44
	3-6km E	Recorded	1	Projectile	N to S	N/K	14-Oct, 21:44
	3-6km ESE	Recorded	1	Muzzle flash		N/K	14-Oct, 21:45
	3-6km ESE	Recorded	1	Projectile	N to S	N/K	14-Oct, 21:45
	3-6km ESE	Recorded	1	Projectile	N to S	N/K	14-Oct, 21:47
About 1km N of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km N	Heard	40	Burst		HMG	15-Oct, 08:50-08:55
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-4km W	Heard	3	Shot		Small arms	15-Oct, 09:45
	3-4km W	Heard	4	Shot		Small arms	15-Oct, 09:50
	3-4km NW	Heard	1	Explosion	Undetermined	N/K	15-Oct, 10:03
	3-4km NW	Heard	1	Burst		HMG	15-Oct, 10:03
	2-4km SW	Heard	5	Explosion	Undetermined	N/K	15-Oct, 12:25-12:33
	2-3km NW	Heard	9	Shot		Small arms	15-Oct, 12:48
Petrivske (non-government-controlled, 41km S of Donetsk)	1-2km W	Heard	1	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	15-Oct, 09:53-09:59
	1-2km W	Heard	4	Burst	Assessed as inside the disengagement area	Small arms	15-Oct, 09:53-09:59
	1-2km SW	Heard	1	Explosion	Assessed as inside the disengagement area	N/K	15-Oct, 10:00
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km W	Heard	2	Burst	Assessed as outside the disengagement area	Small arms	15-Oct, 10:05-10:30
	3-4km W	Heard	10	Burst	Assessed as outside the disengagement area	HMG	15-Oct, 10:05-10:30
	3-4km W	Heard	1	Explosion	Assessed as outside the disengagement area	N/K	15-Oct, 10:05-10:30
	1-2km SSW	Heard	1	Burst	Assessed as outside the disengagement area	Small arms	15-Oct, 10:31
	4-5km NW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Oct, 12:38-12:45
	1.5km NNW	Heard	21	Shot	Assessed as outside the disengagement area	Small arms	15-Oct, 13:47
Krasnohorivka (government-controlled, 21km W of Donetsk)	3-5km N	Heard	49	Explosion	Undetermined	N/K	15-Oct, 11:18-11:35
	3-5km N	Heard	21	Explosion	Undetermined	N/K	15-Oct, 11:37-11:42
	3-5km N	Heard	1	Explosion	Undetermined	N/K	15-Oct, 11:48
SE edge of Avdiivka (government-controlled, 17km N	3-5km SW	Heard	14	Shot	Undetermined	Anti-aircraft gun (ZU-23,	15-Oct, 11:25-11:30

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
of Donetsk)						23mm)	
	4-6km SSW	Heard	6	Explosion	Undetermined	N/K	15-Oct, 11:52-11:54
2.5km S of Sofiivka (formerly Karlo-Marksove, non-government-controlled, 40km NE of Donetsk)	2-3km WNW	Heard	Uncountable	Burst	Assessed as training activity	Small arms	15-Oct, 13:30-13:40
	2-3km WNW	Heard	42	Explosion	Assessed as training activity	N/K	15-Oct, 13:30-14:30
2km NE of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-3km WNW	Heard	3	Explosion	Assessed as outside the disengagement area	N/K	15-Oct, 09:55
	1-2km NNW	Heard	13	Burst	Assessed as outside the disengagement area	Small arms	15-Oct, 09:53-09:57
	3-5km ESE	Heard	1	Explosion	Unable to assess whether inside or outside the disengagement area	N/K	15-Oct, 10:01
	3-5km WNW	Heard	1	Explosion	Assessed as outside the disengagement area	N/K	15-Oct, 10:05
	3-5km WNW	Heard	4	Explosion	Assessed as outside the disengagement area	N/K	15-Oct, 10:17
	2-3km NW	Heard	1	Burst	Assessed as outside the disengagement area	HMG	15-Oct, 10:26
2km NE of Chernenko (government-controlled, 86km S of Donetsk)	3-4km ESE	Heard	3	Shot		Small arms	15-Oct, 11:16
About 3km WNW of Vodiane (government-controlled, 94km S of Donetsk)	3-4km ESE	Heard	2	Explosion	Undetermined	N/K	15-Oct, 12:34
Chermalyk (government-controlled, 31km NE of Mariupol)	N/K S	Heard	1	Explosion	Undetermined	N/K	15-Oct, 12:35
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	3-4km NNE	Heard	1	Shot		Small arms	15-Oct, 13:44
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km SE	Heard	4	Burst		Small arms	14-Oct, 19:08
	4-5km SSE	Heard	5	Explosion	Undetermined	N/K	14-Oct, 20:25-20:27
	4-5km SSE	Heard	4	Explosion	Undetermined	N/K	14-Oct, 20:32-20:34
	4-5km SSE	Heard	5	Explosion	Undetermined	N/K	14-Oct, 20:38-20:40
	3-4km SSE	Heard	2	Burst		HMG	14-Oct, 21:52
	4-5km SSE	Heard	3	Explosion	Undetermined	N/K	14-Oct, 22:35
	4-5km SSE	Heard	2	Burst		HMG	14-Oct, 22:40
	3-5km SSE	Heard	5	Explosion	Undetermined	N/K	15-Oct, 09:42
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km W	Heard	2	Explosion	Undetermined	N/K	14-Oct, 20:42
	3-4km WSW	Heard	1	Explosion	Undetermined	N/K	14-Oct, 22:01
	3-4km W	Heard	3	Burst		HMG	14-Oct, 23:45
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	5-6km SSW	Heard	10	Explosion	Undetermined	N/K	15-Oct, 11:30
	5-6km SSW	Heard	5	Burst		HMG	15-Oct, 11:36
SMM camera in Zolote	3-5km ENE	Recorded	1	Explosion	Assessed as outside the disengagement area	N/K	14-Oct, 18:28

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
(government-controlled, 60km W of Luhansk)	2-4km E	Recorded	1	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	14-Oct, 22:44
3km N of Pervomaïsk (non-government-controlled, 58km W of Luhansk)	3-5km NE	Heard	25	Burst	Assessed as outside the disengagement area	HMG	15-Oct, 08:43-08:54