

Table of ceasefire violations as of 29 December 2019⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	5-7km SSE	Recorded	1	Explosion	Impact	N/K	28-Dec, 16:24
	4-6km ESE	Recorded	1	Muzzle flash		N/K	28-Dec, 16:34
	4-6km ESE	Recorded	1	Projectile	WNW to ESE (subsequent to the previous event)	N/K	28-Dec, 16:34
	4-6km ESE	Recorded	1	Explosion	Air burst	N/K	28-Dec, 16:35
	4-7km SE	Recorded	1	Explosion	Impact	N/K	28-Dec, 16:38
	4-7km ESE	Recorded	1	Explosion	Impact	N/K	28-Dec, 16:43
	4-7km ESE	Recorded	1	Explosion	Impact	N/K	28-Dec, 17:10
	4-7km SE	Recorded	1	Explosion	Impact	N/K	28-Dec, 17:10
	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	28-Dec, 17:13
	4-6km ESE	Recorded	1	Illumination flare	In vertical flight		28-Dec, 18:30
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	3	Illumination flare	In vertical flight	N/K	27-Dec, 21:56
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SSE	Recorded	3	Projectile	SW to NE	N/K	27-Dec, 20:43
	2-4km SSE	Recorded	3	Projectile	NE to SW	N/K	27-Dec, 20:55
	2-4km SSE	Recorded	4	Projectile	NE to SW	N/K	27-Dec, 21:15
	2-4km SSE	Recorded	7	Projectile	NE to SW	N/K	27-Dec, 21:16
	2-4km SSE	Recorded	5	Projectile	NE to SW	N/K	27-Dec, 21:17
	2-4km SSE	Recorded	4	Projectile	NE to SW	N/K	27-Dec, 22:36
	2-4km SSE	Recorded	2	Projectile	SW to NE	N/K	28-Dec, 04:16
	2-4km SSE	Recorded	7	Projectile	SW to NE	N/K	28-Dec, 04:17
	2-4km SSE	Recorded	7	Projectile	SW to NE	N/K	28-Dec, 04:17
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.2-0.7km SSW	Recorded	2	Projectile	W to E	N/K	27-Dec, 16:31
	0.5-1km SSW	Recorded	2	Projectile	NNW to SSE	N/K	27-Dec, 16:31
	2-4km SSW	Recorded	1	Projectile	SE to NW	N/K	27-Dec, 21:44
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	27-Dec, 21:46
	2-4km SSW	Recorded	1	Projectile	SE to NW	N/K	27-Dec, 21:46
	1-3km S	Recorded	1	Projectile	WNW to ESE	N/K	27-Dec, 22:12
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	27-Dec, 22:12
	1-3km S	Recorded	1	Projectile	WNW to ESE	N/K	27-Dec, 22:13
	1-2km S	Recorded	1	Projectile	WNW to ESE	N/K	28-Dec, 00:12
	1.5-3km S	Recorded	1	Explosion	Impact	N/K	28-Dec, 00:12
	0.7-1.5km S	Recorded	9	Projectile	NNW to SSE	N/K	28-Dec, 00:12
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	28-Dec, 02:15
	1-2km SSW	Recorded	1	Projectile	WNW to ESE	N/K	28-Dec, 02:15
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	28-Dec, 02:15
	SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km E	Recorded	1	Explosion	Undetermined	N/K
3-5km E		Recorded	1	Explosion	Undetermined	N/K	28-Dec, 00:39
3-5km SE		Recorded	1	Projectile	NW to SE	N/K	28-Dec, 02:22
3-5km SE		Recorded	1	Explosion	Air burst.(subsequent	N/K	28-Dec, 02:22

⁹ 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.

					to the previous event)		
	3-5km SE	Recorded	2	Burst	NNE to SSW (approximately 20 rounds)	N/K	28-Dec, 03:08
	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	28-Dec, 03:09
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	28-Dec, 03:10
	3-5km SE	Recorded	2	Projectile	NE to SW	N/K	28-Dec, 03:12
	3-5km SE	Recorded	1	Projectile	In vertical flight	N/K	28-Dec, 03:12
	3-5km SE	Recorded	2	Projectile	W to E	N/K	28-Dec, 03:12
	3-5km SE	Recorded	1	Projectile	W to E	N/K	28-Dec, 03:13
	3-5km SE	Recorded	1	Projectile	NW to SE	N/K	28-Dec, 03:13
	3-5km SE	Recorded	4	Projectile	NW to SE	N/K	28-Dec, 03:14
	3-5km SE	Recorded	1	Projectile	In vertical flight	N/K	28-Dec, 03:14
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-5km E	Recorded	6	Projectile	N to S	N/K	28-Dec, 02:06
	2-5km E	Recorded	1	Projectile	In vertical flight	N/K	28-Dec, 02:09
	2-5km E	Recorded	1	Projectile	S to N	N/K	28-Dec, 02:50
	2-5km E	Recorded	4	Projectile	S to N	N/K	28-Dec, 02:51
	2-5km E	Recorded	5	Projectile	N to S	N/K	28-Dec, 02:51
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	1-3km SW	Recorded	1	Projectile	W to E (assessed as inside the disengagement area)	N/K	21-Dec, 18:50
	1-3km SW	Recorded	1	Projectile	W to E (assessed as inside the disengagement area)	N/K	21-Dec, 22:00
	1-3km SW	Recorded	2	Projectile	W to E (assessed as inside the disengagement area)	N/K	21-Dec, 22:34
	1-3km SW	Recorded	2	Projectile	W to E (assessed as inside the disengagement area)	N/K	21-Dec, 23:00
	0.5-1km WSW	Recorded	1	Projectile	NW to SE (assessed as inside the disengagement area)	N/K	22-Dec, 00:51
	0.5-1km WSW	Recorded	1	Projectile	NW to SE (assessed as inside the disengagement area)	N/K	22-Dec, 02:31
	0.5-1km WSW	Recorded	2	Projectile	NW to SE (assessed as inside the disengagement area)	N/K	22-Dec, 05:06
	0.5-1km WSW	Recorded	1	Projectile	NW to SE (assessed as inside the disengagement area)	N/K	22-Dec, 23:21
	1-3km SW	Recorded	2	Projectile	W to E (assessed as inside the disengagement area)	N/K	23-Dec, 04:35
	About 1km N of the railway station in Yasynuvata (non-	2-3km W	Heard	6	Shot		Small arms
5-6km SW		Heard	1	Explosion	Undetermined	N/K	28-Dec, 09:20

government-controlled, 16km NE of Donetsk)	1-2km SW	Heard	6	Shot		Small arms	28-Dec, 09:48
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km NW	Heard	2	Burst		Small arms	28-Dec, 12:25
	2-3km E	Heard	1	Burst		HMG	28-Dec, 12:38
	2km W	Heard	2	Burst		Small arms	28-Dec, 12:39
Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km SE	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	28-Dec, 09:53
	2-3km SW	Heard	5	Shot	Assessed as inside the disengagement area	Small arms	28-Dec, 09:54
	2-3km SE	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	28-Dec, 12:09
	1-2km SW	Heard	1	Shot	Assessed as inside the disengagement area	Small arms	28-Dec, 12:40
	3km SE	Heard	3	Shot	Assessed as outside the disengagement area	Small arms	28-Dec, 13:24
	1-2km SE	Heard	2	Shot	Assessed as outside the disengagement area	Small arms	28-Dec, 13:50
	2-3km SE	Heard	2	Burst	Assessed as outside the disengagement area	Small arms	28-Dec, 13:53
	2-3km SE	Heard	2	Burst	Assessed as outside the disengagement area	HMG	28-Dec, 13:55
	About 2km NE of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-3km NW	Heard	2	Burst	Assessed as outside of the disengagement area	Small arms
2-3km NW		Heard	3	Burst	Assessed as outside of the disengagement area	Small arms	28-Dec, 12:53
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	2	Explosion	Undetermined. (assessed as outside the disengagement area)	N/K	28-Dec, 02:36
N edge of Popasna (government-controlled, 69km W of Luhansk)	3-4km E	Heard	3	Shot		Small arms	28-Dec, 08:43-08:55
	8-10km SE	Heard	2	Explosion	Undetermined	N/K	28-Dec, 08:43-08:55
W edge of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	1-3km NNW	Heard	2	Explosion	Incoming	Mortar (type N/K)	28-Dec, 09:00-09:13
1.5km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	4-6km SW	Heard	6	Burst		HMG	28-Dec, 14:10-14:12

SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Recorded	3	Projectile	In vertical flight. (also recorded by the SMM camera in DFS)	N/K	28-Dec, 23:11
	0.5-1.5km S	Recorded	3	Projectile	WNW to ESE	N/K	29-Dec, 00:15
	0.5-1.5km SSE	Recorded	4	Projectile	In vertical flight	N/K	29-Dec, 05:58
	0.5-1.5km SSE	Recorded	12	Projectile	In vertical flight	N/K	29-Dec, 05:59
	3-5km SSE	Recorded	1	Projectile	WNW to ESE (also recorded by the SMM camera in DFS)	N/K	29-Dec, 16:51
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	3-5km SE	Recorded	2	Projectile	NE to SW	N/K	29-Dec, 00:00
	3-5km SE	Recorded	5	Projectile	NE to SW	N/K	29-Dec, 00:01
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	3-5km SE	Recorded	11	Projectile	NE to SW	N/K	29-Dec, 00:02
	0.5-1.5km SSW	Recorded	2	Projectile	W to E	N/K	29-Dec, 00:15
	0.5-1.5km S	Recorded	1	Muzzle flash		Small arms	29-Dec, 01:36
	0.5-1.5km S	Recorded	2	Muzzle flash		Small arms	29-Dec, 01:37
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	0.5-1.5km S	Recorded	1	Muzzle flash		Small arms	29-Dec, 01:38
	3-5km SE	Recorded	2	Explosion	Undetermined	N/K	28-Dec, 21:31
	3-5km SE	Recorded	1	Muzzle flash		N/K	28-Dec, 23:18
	3-5km SE	Recorded	1	Projectile	N to S (subsequent to previous event)	N/K	28-Dec, 23:18
	3-5km SE	Recorded	1	Explosion	Impact. (subsequent to previous event)	N/K	28-Dec, 23:18
	3-5km SE	Recorded	1	Muzzle flash		N/K	28-Dec, 23:25
	3-5km SE	Recorded	1	Projectile	N to S (subsequent to previous event)	N/K	28-Dec, 23:25
	3-5km SE	Recorded	1	Explosion	Impact. Subsequent to previous event.	N/K	28-Dec, 23:25
	3-5km SE	Recorded	1	Muzzle flash		N/K	28-Dec, 23:27
	3-5km SE	Recorded	1	Projectile	N to S (subsequent to previous event)	N/K	28-Dec, 23:27
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	3-5km SE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	28-Dec, 23:27
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	28-Dec, 23:00
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	41	Projectile	In vertical flight	N/K	29-Dec, 05:50
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Dec, 23:31
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	29-Dec, 05:08
Donetsk central railway station (non-government-controlled, 6km NW of Donetsk)	3-3.5km NNE	Heard	1	Burst		Small arms	29-Dec, 09:28
About 1.2km NNE of Donetsk central railway	3-5km NE	Heard	4	Explosion	Undetermined	N/K	29-Dec, 10:26

station (non-government-controlled, 6km NW of Donetsk city centre)							
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-4km SSW	Heard	1	Burst		HMG	29-Dec, 09:55
About 800m ESE of Kruta Balka (non-government-controlled, 16km N of Donetsk)	2-3km S	Heard	1	Explosion	Undetermined	N/K	29-Dec, 11:06
Petrivske (non-government-controlled, 41km S of Donetsk)	2km ENE	Heard	16	Shot	Assessed as outside the disengagement area.	Small arms	29-Dec, 11:15-11:18
Krasnohorivka (government-controlled, 21km W of Donetsk)	1-2km NE	Heard	39	Burst		Small arms	29-Dec, 09:58-10:10
	1-2km NE	Heard	24	Shot		Small arms	29-Dec, 09:58-10:10
About 1.7km E of Avdiivka (government-controlled, 17km N of Donetsk)	2km SSE	Heard	1	Burst		HMG	29-Dec, 10:25
	2km SSE	Heard	2	Shot		HMG	29-Dec, 10:25
	2km SSE	Heard	4	Shot		Small arms	29-Dec, 11:07
2km NE of Chernenko (government-controlled, 86km S of Donetsk)	2-4km SSE	Heard	1	Explosion	Undetermined	N/K	29-Dec, 09:44
	2-4km E	Heard	1	Explosion	Undetermined	N/K	29-Dec, 09:44
	2-4km SSE	Heard	2	Explosion	Undetermined	N/K	29-Dec, 10:50
3km SE of Lomakyne (government-controlled, 93km S of Donetsk)	1-2km E	Heard	1	Shot		Small arms	29-Dec, 11:40
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard	1	Explosion	Undetermined	N/K	28-Dec, 18:52
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	28-Dec, 18:58
	3-5km SE	Heard	6	Burst		HMG	28-Dec, 18:57-18:58
	3-5km S	Heard	4	Burst		HMG	28-Dec, 19:15
	3-5km S	Heard	5	Explosion	Undetermined	N/K	28-Dec, 19:17-19:20
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	29-Dec, 11:44
Kalynove (non-government controlled, 60km W of Luhansk)	8-10km SE	Heard	1	Explosion	Undetermined	N/K	29-Dec, 09:10
Peredilske (government-controlled, 24km NW of Luhansk)	4-5km SW	Heard	1	Explosion	Undetermined	N/K	29-Dec, 11:02
Obozne (non-government-controlled, 18km N of Luhansk)	500-600m N	Heard	2	Burst		Small arm	29-Dec, 11:07-11:07