

Table of ceasefire violations as of 12 November 2019¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km SSW	Recorded	1	Projectile	NW to SE	N/K	11-Nov, 18:11
	0.5-1km SSW	Recorded	1	Projectile	NW to SE	N/K	11-Nov, 18:20
	0.5-1km SSW	Recorded	1	Muzzle flash		N/K	11-Nov, 18:46
	0.5-1km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 19:31
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 22:33
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 23:32
	1-2km SSE	Recorded	2	Explosion	Undetermined	N/K	11-Nov, 23:38
	1-2km S	Recorded	3	Explosion	Undetermined	N/K	11-Nov, 23:38
	1-2km SSW	Recorded	9	Explosion	Undetermined	N/K	11-Nov, 23:49
	1-2km S	Recorded	6	Explosion	Undetermined	N/K	11-Nov, 23:49
	1-2km SSE	Recorded	4	Explosion	Undetermined	N/K	11-Nov, 23:49
	1-2km SSE	Recorded	2	Explosion	Undetermined	N/K	12-Nov, 00:11
	1-2km SSW	Recorded	3	Explosion	Undetermined	N/K	12-Nov, 00:11
	1-2km SSW	Recorded	5	Projectile	W to E	N/K	12-Nov, 01:49
	1-2km SSW	Recorded	2	Projectile	W to E	N/K	12-Nov, 03:52
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	4-6km NNE	Heard	1	Explosion	Undetermined	N/K	12-Nov, 10:07
	4-6km NE	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:55
	1-3km S	Heard	2	Explosion	Undetermined	N/K	12-Nov, 13:59
Illinka (non-government-controlled, 55km NE of Donetsk)	2-4km W	Heard	2	Explosion	Undetermined	N/K	12-Nov, 09:55-10:10
NE part of Olkhovatka (non-government-controlled, 52km NE of Donetsk)	2-4km W	Heard	3	Explosion	Undetermined	N/K	12-Nov, 08:50-09:35
About 2km S of Donetsk city centre (non-government-controlled)	3-4km W	Heard	1	Explosion	Outgoing	Artillery (type N/K)	12-Nov, 13:12
	3-4km W	Heard	1	Explosion	Outgoing	Artillery (type N/K)	12-Nov, 13:55

¹⁰ 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.

About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	1km SW	Heard	1	Burst	Assessed as outside the disengagement area	Small arms	12-Nov, 10:28
	1km SW	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	12-Nov, 10:32
	1.5km E	Heard	1	Burst	Assessed as outside the disengagement area	HMG	12-Nov, 13:45
	1.5km E	Heard	3	Shot	Assessed as outside the disengagement area	Small arms	12-Nov, 13:59
	1-2km E	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	12-Nov, 14:02
About 1km NE of Vodiane (government-controlled, 15km NW of Donetsk)	3-5km E	Heard	1	Explosion	Undetermined	N/K	12-Nov, 12:02
	3-5km E	Heard	1	Explosion	Undetermined	N/K	12-Nov, 12:56
	3-5km E	Heard	1	Explosion	Undetermined	N/K	12-Nov, 12:59
Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:00
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:14
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:57
About 1km NW of the railway station in Yasnyuvata (non-government-controlled, 16km NE of Donetsk)	2-3km NW	Heard	2	Burst		Small arms	12-Nov, 09:08
	2-3km N	Heard	1	Explosion	Undetermined	N/K	12-Nov, 12:55
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 12:58
	1-3km N	Heard	17	Shot		Small arms	12-Nov, 13:00-13:12
	3-4km SW	Heard and saw	1	Explosion	Impact (black smoke)	N/K	12-Nov, 13:13
	2-3km N	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:43
	2-3km N	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:45
	2-3km N	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:59
Talakivka (government-controlled, 90km S of Donetsk)	2-3km E	Heard	2	Explosion	Undetermined	N/K	12-Nov, 09:50
2km SW of Pyshchevyk (government-controlled, 84km S of Donetsk)	3-5km ESE	Heard	2	Explosion	Undetermined	N/K	12-Nov, 10:07
About 2km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	0.5-1km NNE	Heard	1	Shot	Assessed as outside the Petrivske disengagement area	Small arms	12-Nov, 10:13

	0.5-1km NNE	Heard	2	Shot	Assessed as outside the Petrivske disengagement area	Small arms	12-Nov, 10:40-10:45
Chermalyk (government-controlled, 77km S of Donetsk)	N/K S	Heard	6	Explosion	Undetermined	N/K	12-Nov, 13:25
About 1.5km SE of Lomakyne (government-controlled, 93km S of Donetsk)	1.5km SE	Heard	2	Explosion	Undetermined	N/K	12-Nov, 13:51
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Nov, 20:10
	4-5km SSE	Heard	4	Explosion	Undetermined	N/K	11-Nov, 20:44
	4-5km SSE	Heard	12	Explosion	Undetermined	N/K	11-Nov, 20:54-21:04
	3-4km NW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 10:02
	4km SSE	Heard	1	Explosion	Undetermined	N/K	12-Nov, 10:55
	3-4km SSE	Heard	10	Burst		HMG	12-Nov, 11:37
	4-6km W	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:23
	4-6km W	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:28
	4-6km W	Heard	2	Explosion	Undetermined	N/K	12-Nov, 15:29
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:38
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:40
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:43
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:46
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:56
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:58
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:59
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 16:01
5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 16:02	
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-8km W	Heard	2	Explosion	Undetermined	N/K	11-Nov, 19:50
	5-8km SW	Heard	1	Explosion	Undetermined	N/K	11-Nov, 19:52
	5-8km SW	Heard	17	Burst		HMG	11-Nov, 20:20-20:25
	5-8km SW	Heard	5	Explosion	Undetermined	N/K	11-Nov, 20:20-20:25
	5-8km W	Heard	28	Burst		HMG	11-Nov, 20:25-20:30
	5-8km W	Heard	9	Explosion	Undetermined	N/K	11-Nov, 20:25-20:30
	5-8km W	Heard	32	Shot		Small arms	11-Nov, 20:25-20:30

	5-8km NNW	Heard	6	Explosion	Undetermined	N/K	11-Nov, 20:30-20:35
	5-8km NNW	Heard	7	Burst		HMG	11-Nov, 20:30-20:35
	5-8km NW	Heard	2	Explosion	Undetermined	N/K	11-Nov, 20:35-20:45
	5-8km NW	Heard	12	Burst		HMG	11-Nov, 20:35-20:45
	5-8km W	Heard	11	Explosion	Undetermined	N/K	11-Nov, 20:45-21:00
	5-8km W	Heard	2	Burst		HMG	11-Nov, 20:45
	5-8km W	Heard	9	Explosion	Undetermined	N/K	11-Nov, 21:00-21:15
	5-7km WSW	Heard	15	Burst		HMG	12-Nov, 15:45-15:50
About 6km NNW of Horlivka (non-government controlled, 39km NE of Donetsk)	800m NW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 10:10
SE edge of Zalizne (formerly Artemove government-controlled, 42km NE of Donetsk)	300m SE	Heard and saw	1	Explosion	Impact	N/K	12-Nov, 10:06
SW edge of Novoluhanske (government-controlled, 53km NE of Donetsk)	3-4km W	Heard	1	Explosion	Undetermined	N/K	12-Nov, 09:55
	3-4km W	Heard	2	Explosion	Undetermined	N/K	12-Nov, 10:05
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 10:12
	3-4km W	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:11
Novoluhanske (government-controlled, 53km NE of Donetsk)	3-4km S	Heard	4	Explosion	Undetermined	N/K	12-Nov, 15:15-15:20
	1-2km S	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:23
	3-4km SE	Heard	4	Explosion	Undetermined	N/K	12-Nov, 15:24-15:30
Holmivskyi (non-government-controlled, 49km NE of Donetsk)	3-4km NNW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 10:06
	3-4km NW	Heard	2	Explosion	Undetermined	N/K	12-Nov, 11:25
About 2km NW of Kurdiuvka (government-controlled, 54km N of Donetsk)	2-4km SW	Heard	52	Burst		HMG	12-Nov, 11:20-11:35
	2-4km SW	Heard	37	Burst		HMG	12-Nov, 11:40-11:46
	3-5km S	Heard	25	Explosion	Undetermined	N/K	12-Nov, 11:47-11:50
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2-5km SW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	11-Nov, 23:58-23:59
E edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km SSE	Heard	3	Explosion	Undetermined	N/K	12-Nov, 09:49-10:06
S edge of the disengagement area near Zolote (government-controlled, 60km W of Luhansk)	1-1.5km NNW	Heard	1	Explosion	Undetermined (assessed as inside the Zolote disengagement area)	N/K	12-Nov, 09:59

	7-8km SW	Heard	7	Explosion	Undetermined	N/K	12-Nov, 10:07-10:18
E edge of Pervomaisk (non-government- controlled, 58km W of Luhansk)	5-7km SSW	Heard	20	Explosion	Outgoing	N/K	12-Nov, 14:05-14:35
	5-7km SSW	Heard	82	Burst		(30mm canon)	12-Nov, 14:05-14:35
NE edge of Pervomaisk (non-government- controlled, 58km W of Luhansk)	2-3km N	Heard	120	Shot	Assessed as outside the Zolote disengagement area	Small arms	12-Nov, 14:50-15:03
	2-3km N	Heard	30	Burst	Assessed as outside the Zolote disengagement area	HMG	12-Nov, 14:50-15:03
	2-3km N	Heard	1	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	12-Nov, 14:50-15:03
	0.8-1km N	Heard	1	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	12-Nov, 15:03
1.7km SW of Molodizhne (non-government- controlled, 63km W of Luhansk)	5-10km SSW	Heard	3	Explosion	Undetermined	N/K	12-Nov, 10:11-10:26