

Table of ceasefire violations as of 12 November 2021⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	5-7km SE	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 18:15
	5-7km SE	Recorded	2	Explosion	Undetermined	N/K	12-Nov, 18:33
	4-6km SE	Recorded	2	Illumination flare		N/K	12-Nov, 18:34
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	1-3km ESE	Recorded	5	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	11-Nov, 19:10
	1-3km ESE	Recorded	7	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	11-Nov, 19:21
	1-3km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	11-Nov, 19:21
	1-3km SE	Recorded	1	Projectile	WSW to ENE (assessed as inside the disengagement area near Petrivske)	N/K	11-Nov, 21:54
	1-3km SE	Recorded	1	Explosion	Impact (subsequent to previous event, assessed as inside the disengagement area near Petrivske)	N/K	11-Nov, 21:54
	1-3km SE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	11-Nov, 21:54
	2-4km SE	Recorded	1	Projectile	WSW to ENE (assessed as inside the disengagement area near Petrivske)	N/K	11-Nov, 22:09
	2-4km SE	Recorded	1	Explosion	Impact (subsequent to previous event) (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	11-Nov, 22:09
	1-3km SE	Recorded	27	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	12-Nov, 01:05
	1-3km SE	Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	12-Nov, 01:07
	1-3km ESE	Recorded	4	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	12-Nov, 01:52
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	1-3km SSE	Recorded	9	Projectile	NNE to SSW	N/K	12-Nov, 02:29
	1-3km SSE	Recorded	8	Projectile	W to E	N/K	12-Nov, 02:30
	1-3km SSE	Recorded	13	Projectile	WSW to ENE	N/K	12-Nov, 03:39
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km SE	Recorded	1	Projectile	SW to NE	N/K	11-Nov, 19:07
	3-5km ESE	Recorded	12	Projectile	SSW to NNE	N/K	11-Nov, 21:53
	3-5km SE	Recorded	7	Projectile	NNE to SSW	N/K	11-Nov, 23:10
	3-5km ESE	Recorded	1	Projectile	SSW to NNE	N/K	12-Nov, 01:11
	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	12-Nov, 01:14
	3-5km SE	Recorded	4	Projectile	NNE to SSW	N/K	12-Nov, 01:59
	3-5km SE	Recorded	6	Projectile	NNE to SSW	N/K	12-Nov, 02:03
	3-5km SE	Recorded	1	Muzzle flash		N/K	12-Nov, 02:04
	3-5km SE	Recorded	2	Projectile	NNE to SSW	N/K	12-Nov, 02:04
	3-5km SE	Recorded	1	Projectile	In vertical flight	N/K	12-Nov, 02:04
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	12-Nov, 02:06
3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	12-Nov, 05:27	
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 90km S of Donetsk)	1-4km ENE	Recorded	1	Projectile	N to S	N/K	12-Nov, 18:48
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-3km W	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 22:28
	1-3km W	Recorded	2	Muzzle flash		N/K	11-Nov, 22:28
	2-4km WSW	Recorded	2	Projectile	N to S	N/K	11-Nov, 23:23
	2-4km WSW	Recorded	1	Projectile	N to S	N/K	11-Nov, 23:24

⁹ The table only includes ceasefire violations directly observed by SMM patrols or recorded by the SMM cameras, 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 technical monitoring officers, 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 technical limitations and/or other considerations. Ceasefire violations recorded by more than one patrol/camera and assessed to be the same are entered only once.

	2-4km WSW	Recorded	1	Projectile	NE to SW	N/K	11-Nov, 23:24
	2-4km W	Recorded	2	Muzzle flash		N/K	12-Nov, 04:07
	1-2km WSW	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 04:55
	1-2km WSW	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 05:24
	1-2km WNW	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 05:56
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	11-Nov, 21:12
	2-4km NE	Recorded	2	Projectile	In vertical flight	N/K	11-Nov, 21:12
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 05:37
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	2-4km WNW	Recorded	5	Projectile	E to W (assessed as outside the disengagement area)	N/K	11-Nov, 19:59
	2-4km WNW	Recorded	6	Projectile	E to W (assessed as outside the disengagement area)	N/K	11-Nov, 21:27
	5-7km WNW	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	12-Nov, 18:28
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	2	Projectile	E to W	N/K	11-Nov, 19:04
	3-5km N	Recorded	1	Projectile	W to E	N/K	11-Nov, 19:07
	3-5km N	Recorded	1	Projectile	SE to NW	N/K	11-Nov, 19:07
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	11-Nov, 19:11
	3-5km N	Recorded	9	Projectile	SE to NW	N/K	11-Nov, 19:11
	3-5km NNE	Recorded	10	Projectile	SE to NW	N/K	11-Nov, 19:14
	3-5km NNE	Recorded	1	Projectile	In vertical flight	N/K	11-Nov, 19:14
	3-5km N	Recorded	2	Projectile	SE to NW	N/K	11-Nov, 19:20
	3-5km N	Recorded	1	Projectile	E to W	N/K	11-Nov, 19:23
	3-5km N	Recorded	4	Projectile	W to E	N/K	11-Nov, 19:24
	3-5km N	Recorded	9	Projectile	SE to NW	N/K	11-Nov, 19:31
	4-6km N	Recorded	32	Projectile	ESE to WNW	N/K	11-Nov, 19:44
	4-6km N	Recorded	33	Projectile	WSW to ENE	N/K	11-Nov, 19:50
	4-6km N	Recorded	29	Projectile	ESE to WNW	N/K	11-Nov, 19:57
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	11-Nov, 19:58
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	11-Nov, 20:01
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 20:20
	4-6km N	Recorded	22	Projectile	WSW to ENE	N/K	11-Nov, 20:46
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 20:52
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	11-Nov, 20:52
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 20:53
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	11-Nov, 20:53
	4-6km N	Recorded	6	Projectile	ESE to WNW	N/K	11-Nov, 21:01
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	11-Nov, 21:04
	4-6km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	11-Nov, 21:04
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	11-Nov, 21:05
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	11-Nov, 21:06
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	11-Nov, 21:46
	4-6km N	Recorded	8	Projectile	WSW to ENE	N/K	11-Nov, 22:06
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	11-Nov, 22:14
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	11-Nov, 22:15
	4-6km N	Recorded	3	Projectile	ESE to WNW	N/K	11-Nov, 22:16
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	11-Nov, 22:18
	4-6km N	Recorded	1	Projectile	E to W	N/K	11-Nov, 22:26
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	11-Nov, 22:41
	4-6km N	Recorded	2	Projectile	W to E	N/K	11-Nov, 22:56
	4-6km N	Recorded	2	Projectile	W to E	N/K	11-Nov, 22:59
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	11-Nov, 23:29
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	11-Nov, 23:32
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	11-Nov, 23:33
	4-6km N	Recorded	8	Projectile	WSW to ENE	N/K	11-Nov, 23:40
	4-6km N	Recorded	6	Projectile	WSW to ENE	N/K	11-Nov, 23:54
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	11-Nov, 23:55

	4-6km N	Recorded	11	Projectile	W to E	N/K	12-Nov, 00:00
	4-6km N	Recorded	4	Projectile	W to E	N/K	12-Nov, 00:01
	4-6km N	Recorded	5	Projectile	W to E	N/K	12-Nov, 00:30
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	12-Nov, 00:31
	4-6km N	Recorded	11	Projectile	ESE to WNW	N/K	12-Nov, 00:34
	4-6km N	Recorded	62	Projectile	W to E	N/K	12-Nov, 00:46
	4-6km N	Recorded	16	Projectile	ESE to WNW	N/K	12-Nov, 00:48
	4-6km N	Recorded	17	Projectile	W to E	N/K	12-Nov, 00:52
	4-6km N	Recorded	1	Muzzle flash		N/K	12-Nov, 01:02
	4-6km N	Recorded	1	Projectile	E to W (subsequent to previous event)	N/K	12-Nov, 01:02
	4-6km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	12-Nov, 01:02
	4-6km N	Recorded	3	Projectile	WSW to ENE	N/K	12-Nov, 01:02
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 01:02
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	12-Nov, 01:47
	4-6km N	Recorded	1	Projectile	ESE to WNW	N/K	12-Nov, 01:49
	4-6km N	Recorded	2	Projectile	E to W	N/K	12-Nov, 01:58
	4-6km N	Recorded	1	Projectile	ESE to WNW	N/K	12-Nov, 02:02
	4-6km N	Recorded	1	Muzzle flash		N/K	12-Nov, 02:33
	4-6km N	Recorded	1	Projectile	E to W (subsequent to previous event)	N/K	12-Nov, 02:33
	4-6km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	12-Nov, 02:33
	4-6km N	Recorded	1	Projectile	W to E	N/K	12-Nov, 03:04
	4-6km N	Recorded	1	Projectile	In vertical flight	N/K	12-Nov, 03:04
	4-6km N	Recorded	5	Projectile	WSW to ENE	N/K	12-Nov, 03:05
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	12-Nov, 03:49
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	12-Nov, 03:54
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 03:54
	4-6km N	Recorded	5	Projectile	ESE to WNW	N/K	12-Nov, 04:35
	4-6km N	Recorded	2	Projectile	ESE to WNW	N/K	12-Nov, 04:50
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	12-Nov, 05:41
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 16:54
	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	12-Nov, 16:54
	5-7km NNE	Recorded	1	Muzzle flash		N/K	12-Nov, 16:54
	5-7km NNE	Recorded	1	Projectile	E to W (subsequent to previous event)	N/K	12-Nov, 16:54
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 16:54
	5-7km NNE	Recorded	1	Muzzle flash		N/K	12-Nov, 17:03
	5-7km NNE	Recorded	1	Projectile	ESE to WNW (subsequent to previous event)	N/K	12-Nov, 17:03
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 17:03
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 17:09
	5-7km N	Recorded	3	Projectile	W to E	N/K	12-Nov, 17:11
	5-7km N	Recorded	2	Projectile	W to E	N/K	12-Nov, 17:12
	5-7km N	Recorded	1	Muzzle flash		N/K	12-Nov, 17:14
	5-7km N	Recorded	1	Projectile	In vertical flight	N/K	12-Nov, 17:14
	5-7km N	Recorded	1	Muzzle flash		N/K	12-Nov, 17:19
	5-7km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	12-Nov, 17:19
	5-7km N	Recorded	1	Explosion	Undetermined (subsequent to previous event)	N/K	12-Nov, 17:19
	5-7km N	Recorded	1	Muzzle flash		N/K	12-Nov, 17:19
	5-7km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	12-Nov, 17:19
	5-7km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	12-Nov, 17:19
	5-7km N	Recorded	1	Muzzle flash		N/K	12-Nov, 17:19
	5-7km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	12-Nov, 17:19
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km WSW	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 01:36
	5-7km WSW	Recorded	1	Explosion	Undetermined	N/K	12-Nov, 01:48
	5-7km WSW	Recorded	1	Projectile	ESE to WNW	N/K	12-Nov, 01:48
	5-7km WSW	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	12-Nov, 01:48
	5-7km WSW	Recorded	2	Explosion	Undetermined	N/K	12-Nov, 01:50
	3-5km SE	Recorded	4	Explosion	Undetermined	N/K	12-Nov, 17:05

	3-5km SE	Recorded	6	Projectile	WSW to ENE	N/K	12-Nov, 17:05
	3-5km SE	Recorded	4	Projectile	NNE to SSW	N/K	12-Nov, 17:46
	4-6km SSE	Recorded	5	Projectile	W to E	N/K	12-Nov, 17:49
	3-5km SE	Recorded	3	Projectile	NNE to SSW	N/K	12-Nov, 17:49
	3-5km SE	Recorded	4	Projectile	NNE to SSW	N/K	12-Nov, 17:50
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km W	Heard	12	Explosion	Undetermined	N/K	11-Nov, 18:35-19:25
	4-6km NE	Heard	1	Explosion	Undetermined	N/K	12-Nov, 05:37
	4-6km NW	Heard	8	Explosion	Undetermined	N/K	12-Nov, 16:56-17:14
	4-6km NW	Heard	7	Burst	Undetermined	HMG	12-Nov, 16:56-17:14
	4-6km NW	Heard	7	Explosion	Undetermined	N/K	12-Nov, 18:15-18:30
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-4km W	Heard	1	Shot		Small arms	12-Nov, 09:08
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 09:19
	5-6km W	Heard	1	Explosion	Undetermined	N/K	12-Nov, 09:29
	4-5km W	Heard	1	Explosion	Undetermined	N/K	12-Nov, 09:37
	0.75-1km SW	Heard and saw	1	Explosion	Impact	N/K	12-Nov, 12:20
Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-4km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:03
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:11
About 1km SSW of Olenivka (non-government-controlled, 23km SW of Donetsk)	1.5-2km NW	Heard	2	Burst		Small arms	12-Nov, 09:06
About 4.5km SSE of Vesele (non-government-controlled, 45km SE of Donetsk)	3-4km NW	Heard	2	Shot		HMG	12-Nov, 09:05
About 2km SSE of Kamianka (government-controlled, 20km N of Donetsk)	3-4km SSW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 08:54
	3-4km W	Heard	1	Explosion	Undetermined	N/K	12-Nov, 09:23
	3-4km W	Heard	2	Explosion	Undetermined	N/K	12-Nov, 09:37
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2km ESE	Heard	1	Explosion	Undetermined	N/K	12-Nov, 12:20
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	7-10km NNE	Heard	4	Explosion	Undetermined	N/K	12-Nov, 10:50-10:54
	7-10km NNE	Heard	2	Explosion	Undetermined	N/K	12-Nov, 11:02
Pavlopil (government-controlled, 84km S of Donetsk)	4-6km NNE	Heard	2	Explosion	Undetermined	N/K	12-Nov, 12:02
	7-9km NNW	Heard	12	Explosion	Undetermined	N/K	12-Nov, 12:02-12:24
	5-7km SSE	Heard	3	Explosion	Undetermined	N/K	12-Nov, 12:10
Hranitne (government-controlled, 60km S of Donetsk)	6-7km N	Heard	4	Explosion	Undetermined	N/K	12-Nov, 12:00-12:10
	6-7km N	Heard	54	Explosion	Undetermined	N/K	12-Nov, 12:20-12:33
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	3-5km SSE	Heard	12	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	12-Nov, 12:25-12:32
Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-6km ESE	Heard	2	explosion	Undetermined (assessed as outside the disengagement area near Stanytsia Luhanska)	Other	11-Nov, 20:06
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	8-10km N	Heard	7	explosion	Undetermined	N/K	12-Nov, 15:04-15:22