

Table of ceasefire violations as of 29 October 2021¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	3-5km E	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 19:57
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	6	Projectile	NNW to SSE	N/K	29-Oct, 18:32
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	29-Oct, 18:35
	2-4km E	Recorded	1	Explosion	Airburst	N/K	29-Oct, 18:35
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	29-Oct, 18:38
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	26	Projectile	SW to NE	N/K	28-Oct, 19:27
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-2km WNW	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 19:47
	1-2km WNW	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 19:51
	1-2km WSW	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 22:36
	3-5km NNE	Recorded	2	Explosion	Airburst	N/K	28-Oct, 23:46
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	0.5-1km W	Recorded	2	Projectile	NNW to SSE (assessed as inside the disengagement area)	N/K	28-Oct, 19:49
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	6	Projectile	SSE to NNW	N/K	28-Oct, 20:21
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 20:41
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 20:42
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	28-Oct, 20:46
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	28-Oct, 20:48
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 20:49
	3-5km N	Recorded	2	Projectile	WSW to ENE	N/K	28-Oct, 20:50
	3-5km N	Recorded	4	Projectile	WSW to ENE	N/K	28-Oct, 20:58
	3-5km N	Recorded	1	Muzzle flash		N/K	28-Oct, 20:58
	3-5km N	Recorded	1	Projectile	WSW to ENE (subsequent to previous event)	N/K	28-Oct, 20:58
	3-5km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	28-Oct, 20:58
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 20:59
	3-5km N	Recorded	1	Illumination flare	In vertical flight	N/K	28-Oct, 21:00
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 21:01
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 21:02
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	28-Oct, 21:07
	4-6km N	Recorded	5	Explosion	Undetermined	N/K	28-Oct, 21:08
	3-5km N	Recorded	4	Projectile	WSW to ENE	N/K	28-Oct, 21:14
	4-6km N	Recorded	1	Explosion	Airburst	N/K	28-Oct, 21:32
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 21:33
	3-5km N	Recorded	7	Projectile	WSW to ENE	N/K	28-Oct, 21:40
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	28-Oct, 21:42
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 21:44
3-5km N	Recorded	7	Projectile	WSW to ENE	N/K	28-Oct, 21:46	

¹⁰ 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.

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-5km N	Recorded	1	Projectile	WSW to ENE	N/K	28-Oct, 21:48
	3-5km N	Recorded	1	Projectile	S to N	N/K	28-Oct, 22:02
	3-5km N	Recorded	1	Muzzle flash		N/K	28-Oct, 22:21
	3-5km N	Recorded	1	Projectile	WSW to ENE (subsequent to previous event)	N/K	28-Oct, 22:21
	3-5km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	28-Oct, 22:21
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 22:22
	3-5km N	Recorded	3	Explosion	Undetermined	N/K	28-Oct, 22:25
	3-5km N	Recorded	1	Projectile	WSW to ENE	N/K	28-Oct, 22:25
	4-6km N	Recorded	1	Explosion	Airburst	N/K	28-Oct, 22:26
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	28-Oct, 22:30
	4-6km N	Recorded	3	Explosion	Undetermined	N/K	28-Oct, 22:31
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 22:34
	3-5km N	Recorded	1	Muzzle flash		N/K	28-Oct, 22:37
	3-5km N	Recorded	1	Projectile	SE to NW (subsequent to previous event)	N/K	28-Oct, 22:37
	3-5km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	28-Oct, 22:37
	3-5km N	Recorded	4	Projectile	SSE to NNW	N/K	28-Oct, 22:38
	3-5km N	Recorded	4	Projectile	SSE to NNW	N/K	28-Oct, 22:39
	3-5km N	Recorded	11	Projectile	In vertical flight	N/K	28-Oct, 22:43
	3-5km N	Recorded	2	Projectile	In vertical flight	N/K	28-Oct, 22:44
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 22:45
	4-6km N	Recorded	1	Explosion	Airburst	N/K	28-Oct, 22:45
	3-5km N	Recorded	11	Projectile	WSW to ENE	N/K	28-Oct, 22:46
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 22:46
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 22:47
	3-5km N	Recorded	2	Projectile	WSW to ENE	N/K	28-Oct, 22:50
	3-5km N	Recorded	5	Projectile	WSW to ENE	N/K	28-Oct, 22:54
	3-5km N	Recorded	4	Projectile	WSW to ENE	N/K	28-Oct, 22:56
	3-5km N	Recorded	3	Illumination flare	In vertical flight	N/K	28-Oct, 23:02
	3-5km N	Recorded	29	Projectile	SE to NW	N/K	28-Oct, 23:15
	3-5km N	Recorded	1	Projectile	WNW to ESE	N/K	28-Oct, 23:15
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 23:23
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 23:24
	3-5km N	Recorded	28	Projectile	SE to NW	N/K	28-Oct, 23:30
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 23:32
	3-5km N	Recorded	2	Projectile	SW to NE	N/K	28-Oct, 23:36
	3-5km N	Recorded	1	Muzzle flash		N/K	28-Oct, 23:37
	4-6km N	Recorded	1	Explosion	Airburst	N/K	28-Oct, 23:41
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 23:43
	3-5km N	Recorded	3	Projectile	S to N	N/K	29-Oct, 00:13
	3-5km N	Recorded	4	Projectile	S to N	N/K	29-Oct, 00:15
	3-5km N	Recorded	1	Projectile	S to N	N/K	29-Oct, 00:22
	3-5km N	Recorded	5	Projectile	S to N	N/K	29-Oct, 00:23
	3-5km N	Recorded	2	Projectile	S to N	N/K	29-Oct, 00:56
	3-5km N	Recorded	2	Projectile	S to N	N/K	29-Oct, 03:39
	3-5km N	Recorded	4	Projectile	SW to NE	N/K	29-Oct, 04:40
	3-5km N	Recorded	4	Projectile	W to E	N/K	29-Oct, 04:40
	3-5km N	Recorded	4	Projectile	S to N	N/K	29-Oct, 04:41
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	2-3km N	Heard	1	Burst		Small arms	29-Oct, 10:01
	2-3km NE	Heard	16	Explosion	Undetermined	N/K	29-Oct, 10:57-11:01

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
Pavlopil (government-controlled, 84km S of Donetsk)	2-3km NE	Heard	26	Burst		Small arms	29-Oct, 10:57-11:01
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	5km SE	Heard	5	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	29-Oct, 11:10-11:14
About 3km N of Petrivske (non-government-controlled, 41km S of Donetsk)	4-6km S	Heard	5	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	29-Oct, 11:15-11:30
Spartak (non-government-controlled, 9km N of Donetsk)	5-8km NW	Heard	3	Explosion	Undetermined	N/K	29-Oct, 11:18
	5-8km NW	Heard	2	Explosion	Undetermined	N/K	29-Oct, 11:32
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	3-5km NE	Heard	1	Explosion	Undetermined	N/K	29-Oct, 10:03
	5-7km NW	Heard	2	Explosion	Undetermined	N/K	29-Oct, 13:47
About 1km SW of Novoluhanske (government-controlled, 53km NE of Donetsk)	2-3km SSW	Heard and saw	2	Explosion	Undetermined	N/K	29-Oct, 11:52
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Recorded	2	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	28-Oct, 19:46
	5-7km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	28-Oct, 20:13
	5-7km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	28-Oct, 22:51
	5-7km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	29-Oct, 01:32
2km south of the southern edge of Popasna (government-controlled, 69km W of Luhansk)	10-15km SSW	Heard and saw	5	Explosion	Impact	Artillery (type N/K)	29-Oct, 14:15-14:30
	10-15km S	Heard and saw	3	Explosion	Impact	N/K	29-Oct, 14:15-14:30
Northern edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km E	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	29-Oct, 15:57-16:00
	4-6km E	Heard	11	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	29-Oct, 16:27-16:30
	4-6km E	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	29-Oct, 08:25
	4-6km E	Heard	99	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	29-Oct, 17:30-18:40
	4km E	Heard	221	Burst	Assessed as outside the disengagement area near Zolote	Small arms	29-Oct, 17:30-18:40
	4-6km E	Heard	75	Burst	Assessed as outside the disengagement area near Zolote	HMG	29-Oct, 17:30-18:40
Kadiivka (non-government controlled, 50km W of Luhansk)	10-12km NW	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	28-Oct, 20:19-20:30
	3-4 SW	Heard	3	Shot		Small arms	28-Oct, 20:19-20:30
Zolote-4/Rodina (government-controlled, 62km W of Luhansk)	2-4km NE	Heard	7	Burst	Assessed as outside the disengagement area near Zolote	HMG	29-Oct, 10:55-11:10