

Table of ceasefire violations as of 16 May 2021¹¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-4km SSE	Recorded	1	Projectile	SSW to NNE (assessed as outside the disengagement area near Petrivske)	N/K	14-May, 22:33
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km ENE	Recorded	7	Projectile	NW to SE	N/K	14-May, 23:43
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km E	Recorded	1	Projectile	In vertical flight	N/K	14-May, 22:21
	1-3km E	Recorded	78	Projectile	In vertical flight	N/K	14-May, 22:22
	1-3km ENE	Recorded	23	Projectile	In vertical flight	N/K	14-May, 22:22
	1-3km E	Recorded	7	Projectile	In vertical flight	N/K	14-May, 22:23
	1-3km E	Recorded	14	Projectile	In vertical flight	N/K	14-May, 22:33
	1-3km E	Recorded	22	Projectile	In vertical flight	N/K	15-May, 01:36
	1-3km E	Recorded	10	Projectile	In vertical flight	N/K	15-May, 01:39
	1-3km E	Recorded	2	Projectile	In vertical flight	N/K	15-May, 03:11
	1-3km E	Recorded	56	Projectile	In vertical flight	N/K	15-May, 03:12
	1-3km ENE	Recorded	43	Projectile	In vertical flight	N/K	15-May, 03:12
	1-3km ENE	Recorded	40	Projectile	In vertical flight	N/K	15-May, 03:13
	1-3km E	Recorded	32	Projectile	In vertical flight	N/K	15-May, 03:13
	1-3km E	Recorded	9	Projectile	In vertical flight	N/K	15-May, 04:40
	SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	5-8km N	Recorded	1	Explosion	Undetermined	N/K	14-May, 22:56
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:02
	3-6km N	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:06
	5-8km N	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:08
	3-6km N	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:11
	5-8km NNE	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:12
	3-5km N	Recorded	6	Projectile	WSW to ENE	N/K	14-May, 23:19
	4-6km N	Recorded	1	Muzzle flash		N/K	14-May, 23:21
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:21
	3-5km N	Recorded	1	Projectile	ESE to WNW	N/K	14-May, 23:21
	5-8km NNE	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:27
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:31
	5-8km N	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:33
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:35
	3-5km N	Recorded	1	Projectile	ESE to WNW	N/K	14-May, 23:37
	4-7km N	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:38
	5-8km N	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:42
	4-7km N	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:44
	5-8km NNE	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:45
	4-7km N	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:46
4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:49	
4-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-May, 23:51	
3-5km N	Recorded	1	Projectile	ESE to WNW	N/K	15-May, 00:19	
About 1km NW of Verkhnotoretske (government-controlled, 23km NE of Donetsk)	2-3km E	Heard	1	Explosion	Undetermined	N/K	15-May, 10:22
	3-4km NE	Heard	1	Explosion	Undetermined	N/K	15-May, 10:40
About 2km SE of Yurivka (government-controlled, 35km N of Donetsk)	2-3km NE	Heard	1	Explosion	Undetermined	N/K	15-May, 11:02
About 600m NNE of Novhorodske (government-controlled, 35km N of Donetsk)	3-4km S	Heard and saw	1	Explosion	Undetermined	N/K	15-May, 11:38
About 1km SW of Novoluhanske (government-controlled, 53km NE of Donetsk)	1-2km S	Heard	1	Explosion	Undetermined	N/K	15-May, 10:23
	1-2km S	Heard	1	Explosion	Undetermined	N/K	15-May, 10:26

¹¹ 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
	1-2km S	Heard	1	Explosion	Undetermined	N/K	15-May, 10:43
About 1km NE of Zalizne (formerly Artemove, government-controlled, 42km NE of Donetsk)	3-6km SW	Heard	1	Explosion	Undetermined	N/K	15-May, 10:40
	3-6km SW	Heard	1	Explosion	Undetermined	N/K	15-May, 10:49
	3-6km SW	Heard	1	Explosion	Undetermined	N/K	15-May, 11:00
About 600m SE of Nelipivka (government-controlled, 40km N of Donetsk)	3-6km S	Heard	1	Explosion	Undetermined	N/K	15-May, 11:37
	3-5km S	Heard	1	Explosion	Undetermined	N/K	15-May, 10:42
About 1.7km ESE of Luhanske (government-controlled, 59km NE of Donetsk)	3-5km S	Heard	1	Explosion	Undetermined	N/K	15-May, 10:51
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard	1	Explosion	Undetermined	N/K	15-May, 11:01
About 2km NE of Chemenko (government-controlled, 86km S of Donetsk)	8-10km SE	Heard	1	Explosion	Undetermined	N/K	15-May, 11:06
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	4-6km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-May, 13:56
	4-6km SSE	Heard	3	Burst	Assessed as outside the disengagement area	HMG	15-May, 13:56
About 500m NW of Petrivske (non-government-controlled, 41km S of Donetsk)	5-7km S	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-May, 11:01
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	5-7km SSE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-May, 11:05-11:20
	2-3km SSE	Heard	9	Shot	Assessed as outside the disengagement area	Small arms	15-May, 11:05-11:20
	3-5km SSE	Heard	8	Burst	Assessed as outside the disengagement area	HMG	15-May, 13:25-13:35
	3-5km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-May, 13:25-13:35
	3-5km SSE	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	15-May, 13:45
	1-2km SSE	Heard	32	Shot	Assessed as outside the disengagement area	Small arms	15-May, 13:56-14:00
Naberezhne (non-government-controlled, 77km S of Donetsk)	5-8km W	Heard	1	Explosion	Undetermined	N/K	15-May, 11:08
About 3km NNW of Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	15-May, 12:15
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	2-4km ESE	Recorded	1	Projectile	NE to SW	N/K	14-May, 23:21
	2-4km ESE	Recorded	2	Projectile	NE to SW	N/K	14-May, 23:22
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	3	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	14-May, 23:51
	2-4km E	Recorded	4	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	14-May, 23:53
	2-4km E	Recorded	6	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	15-May, 01:35

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-4km E	Recorded	2	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	15-May, 01:37
	2-4km E	Recorded	2	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	15-May, 01:39
About 3km NNE of Kalynove (non-government-controlled, 60km W of Luhansk)	6-8km W	Heard	1	Explosion	Undetermined	N/K	15-May, 10:24
N edge of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	7-10km NNW	Heard	1	Explosion	Undetermined	N/K	15-May, 10:25
NE edge of Katerynivka (government-controlled, 64km W of Luhansk)	5-7km SW	Heard	5	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	15-May, 10:53-11:05
Trokhizbenka (government-controlled, 32km NW of Luhansk)	5-10km SW	Heard	3	Explosion	Undetermined	N/K	15-May, 11:00-11:10
	2-4km W	Heard	10	Burst		HMG	15-May, 11:00-11:10
	2-4km W	Heard	6	Shot		Small arms	15-May, 11:10
N edge of Kalynove-Borshchuvate (non-government-controlled, 61km W of Luhansk)	10-12km N	Heard	2	Explosion	Undetermined	N/K	15-May, 13:18-13:24
SE edge of Zolote-3/Stakhanovets (government-controlled, 61km W of Luhansk)	4-7km SW	Heard	6	Explosion	Undetermined	N/K	15-May, 13:54-14:00
	5-8km SSW	Heard	11	Explosion	Undetermined	NK	15-May, 14:10-14:18
About 2.5km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	10-15km WSW	Heard	8	Explosion	Undetermined	N/K	15-May, 14:13-14:15
E edge of Orikhove (government-controlled, 57km NW of Luhansk)	4-6km S	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	15-May, 14:55-14:57
	7-8km W	Heard and saw	1	Explosion	Undetermined	N/K	15-May, 15:00
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	1-3km ESE	Recorded	1	Projectile	WSW to ENE	N/K	15-May, 21:26
	1-3km ESE	Recorded	2	Projectile	SW to NE (also recorded by the SMM cameras at the DFS)	N/K	15-May, 21:26
	1-3km ESE	Recorded	2	Projectile	SW to NE	N/K	15-May, 21:29
	1-3km ESE	Recorded	3	Projectile	SW to NE (also recorded by the SMM cameras at the DFS)	N/K	15-May, 21:29
	1-3km ESE	Recorded	6	Projectile	SW to NE	N/K	15-May, 21:30
	1-3km ESE	Recorded	1	Projectile	SW to NE (also recorded by the SMM cameras at the DFS)	N/K	15-May, 21:30
	1-3km ESE	Recorded	1	Projectile	SW to NE	N/K	15-May, 21:33
	1-3km ESE	Recorded	5	Projectile	SW to NE (also recorded by the SMM cameras at the DFS)	N/K	15-May, 21:33
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	3-5km SE	Recorded	2	Projectile	SW to NE (assessed as outside the disengagement area near Petrivske)	N/K	15-May, 20:46

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-5km SE	Recorded	1	Projectile	SW to NE (assessed as outside the disengagement area near Petrivske)	N/K	15-May, 20:46
	3-5km SE	Recorded	1	Explosion	Airburst (assessed as outside the disengagement area near Petrivske)	N/K	15-May, 20:46
	1-2km ESE	Recorded	10	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	15-May, 21:55
	1-2km SE	Recorded	7	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	15-May, 21:55
	1-2km SE	Recorded	27	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	15-May, 21:56
	1-3km ESE	Recorded	2	Explosion	Undetermined (assessed as inside the Petrivske disengagement area)	N/K	15-May, 21:56
	1-3km E	Recorded	1	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	15-May, 21:56
	1-3km E	Recorded	1	Explosion	Impact (subsequent to previous event, assessed as inside the disengagement area near Petrivske)	N/K	15-May, 21:56
	1-3km E	Recorded	1	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	15-May, 21:56
	1-3km E	Recorded	1	Explosion	Airburst (subsequent to previous event, assessed as inside the disengagement area near Petrivske)	N/K	15-May, 21:56
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SSW	Recorded	44	Projectile	In vertical flight	N/K	15-May, 21:35
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km E	Recorded	23	Projectile	In vertical flight	N/K	15-May, 21:22
	1-3km E	Recorded	29	Projectile	In vertical flight	N/K	15-May, 21:25
	1-3km ENE	Recorded	9	Projectile	In vertical flight	N/K	15-May, 21:30
	1-3km E	Recorded	3	Projectile	In vertical flight	N/K	15-May, 21:32
	1-3km E	Recorded	23	Projectile	In vertical flight	N/K	15-May, 21:33
	1-3km E	Recorded	100	Projectile	In vertical flight	N/K	15-May, 21:34
	1-3km E	Recorded	12	Projectile	In vertical flight	N/K	15-May, 21:34

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	1-3km E	Recorded	22	Projectile	In vertical flight	N/K	15-May, 21:35
	1-3km E	Recorded	1	Projectile	In vertical flight	N/K	15-May, 21:36
	1-3km E	Recorded	15	Projectile	In vertical flight	N/K	15-May, 23:10
	1-3km E	Recorded	45	Projectile	In vertical flight	N/K	15-May, 23:11
	1-3km ENE	Recorded	5	Projectile	In vertical flight	N/K	15-May, 23:11
	1-3km E	Recorded	18	Projectile	In vertical flight	N/K	15-May, 23:12
	1-3km ENE	Recorded	2	Projectile	In vertical flight	N/K	15-May, 23:12
	1-3km E	Recorded	1	Projectile	In vertical flight	N/K	15-May, 23:22
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-3km W	Recorded	8	Projectile	In vertical flight	N/K	15-May, 21:15
	1-3km W	Recorded	2	Projectile	In vertical flight	N/K	15-May, 21:29
	1-3km W	Recorded	7	Projectile	In vertical flight	N/K	15-May, 21:30
	1-3km W	Recorded	6	Projectile	In vertical flight	N/K	15-May, 21:31
	1-3km W	Recorded	2	Projectile	In vertical flight	N/K	15-May, 21:32
	3-5km W	Recorded	1	Projectile	In vertical flight	N/K	15-May, 22:51
	3-5km W	Recorded	8	Projectile	In vertical flight	N/K	15-May, 23:10
	3-5km W	Recorded	7	Projectile	In vertical flight	N/K	15-May, 23:11
	2-4km NE	Recorded	3	Projectile	WNW to ESE	N/K	15-May, 21:23
	2-4km NE	Recorded	1	Projectile	WNW to ESE	N/K	15-May, 21:23
	2-4km NE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	15-May, 21:23
	2-4km NE	Recorded	3	Projectile	WNW to ESE	N/K	15-May, 21:25
	2-4km NE	Recorded	1	Projectile	WNW to ESE	N/K	15-May, 21:25
	2-4km NE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	15-May, 21:25
	2-4km NE	Recorded	4	Projectile	WNW to ESE	N/K	15-May, 21:29
	2-4km NE	Recorded	6	Projectile	WNW to ESE	N/K	15-May, 21:30
	2-4km NE	Recorded	1	Projectile	WNW to ESE	N/K	15-May, 21:32
	2-4km NE	Recorded	6	Projectile	WNW to ESE	N/K	15-May, 21:33
	1-3km NNE	Recorded	10	Projectile	In vertical flight	N/K	15-May, 21:34
	1-3km NNE	Recorded	74	Projectile	In vertical flight	N/K	15-May, 21:35
	3-5km NE	Recorded	13	Projectile	In vertical flight	N/K	15-May, 22:17
	3-5km NE	Recorded	1	Projectile	In vertical flight	N/K	15-May, 22:30
	3-5km NE	Recorded	7	Projectile	In vertical flight	N/K	15-May, 22:31
	1-4km NNE	Recorded	37	Projectile	In vertical flight	N/K	15-May, 23:10
	1-4km NNE	Recorded	48	Projectile	In vertical flight	N/K	15-May, 23:11
	1-5km NNE	Recorded	35	Projectile	In vertical flight	N/K	15-May, 23:12
	1-3km NNE	Recorded	3	Projectile	In vertical flight	N/K	15-May, 23:13
	SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km NNE	Recorded	1	Illumination flare	In vertical flight	N/K
5-7km N		Recorded	1	Explosion	Undetermined	N/K	15-May, 23:50
5-7km N		Recorded	1	Explosion	Undetermined	N/K	15-May, 23:51
About 1km N of railway station in Donetsk city (non-government-controlled, 6km NW of Donetsk city centre)	2-3km N	Heard	1	Explosion	Undetermined	N/K	16-May, 11:23
About 500m NW of Petrivske (non-government-controlled, 41km S of Donetsk)	1-2km NW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	16-May, 13:15
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SW	Recorded	1	Illumination flare	In vertical flight	N/K	15-May, 22:02
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Recorded	5	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	15-May, 21:34
	3-5km E	Recorded	5	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	15-May, 21:35
	3-5km E	Recorded	2	Projectile	SSW to NNE (assessed as outside the disengagement area)	N/K	15-May, 21:39

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-5km E	Recorded	6	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	15-May, 23:10
	3-5km E	Recorded	24	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	15-May, 23:11
	3-5km E	Recorded	6	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	15-May, 23:12
N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km ESE	Heard	21	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	16-May, 07:12-07:30
	3-5km ESE	Heard	3	Burst	Assessed as outside the disengagement area near Zolote	HMG	16-May, 07:12-07:30
	3-5km ESE	Heard	26	Burst	Assessed as outside the disengagement area near Zolote	Small arms	16-May, 07:12-07:30
	3-5km ESE	Heard	11	Shot	Assessed as outside the disengagement area near Zolote	Small arms	16-May, 07:12-07:30
About 3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	4-6km NNE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	16-May, 11:13
Zolote-2/Karbonit (government-controlled, 62km W of Luhansk)	5-6km SE	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	16-May, 14:03-14:15