

Table of ceasefire violations as of 22 March 2020⁹

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 ESE	Recorded	2	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	20-Mar, 23:01
	1.6-2.2km E	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	20-Mar, 23:01
	1.8-3.1km E	Recorded	2	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	20-Mar, 23:01
	2-4km ESE	Recorded	2	Projectile	WSW to ENE (assessed as inside the disengagement area near Petrivske)	N/K	21-Mar, 01:18
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SSE	Recorded	2	Projectile	NNE to SSW	N/K	21-Mar, 04:25
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km S	Recorded	2	Projectile	ENE to WSW	N/K	20-Mar, 19:06
	1-2km S	Recorded	1	Projectile	ENE to WSW	N/K	20-Mar, 19:07
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	21-Mar, 00:05
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	21-Mar, 04:09
	3-5km NNE	Recorded	1	Projectile	NNE to SSW	N/K	20-Mar, 21:24
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	2-4km ENE	Recorded	4	Projectile	N to S	N/K	21-Mar, 02:19
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	21-Mar, 02:20
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	21-Mar, 00:11
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	20-Mar, 23:56

⁹ The table only includes ceasefire violations directly observed by the 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 camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	1	Projectile	W to E	N/K	20-Mar, 23:56
	2-4km NW	Recorded	1	Explosion	Undetermined	N/K	21-Mar, 00:17
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	21-Mar, 04:12
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	3-5km NE	Recorded	1	Projectile	In vertical flight	N/K	20-Mar, 19:07
	3-5km NE	Recorded	1	Projectile	In vertical flight	N/K	20-Mar, 19:15
	3-5km NE	Recorded	1	Explosion	Airburst, subsequent to the previous event	N/K	20-Mar, 19:15
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	0.5-1.5km SW	Recorded	4	Projectile	N to S (assessed as inside the disengagement area)	N/K	20-Mar, 20:48
	0.5-1.5km SW	Recorded	7	Projectile	N to S (assessed as inside the disengagement area)	N/K	21-Mar, 01:02
	1-2km SW	Recorded	2	Projectile	NW to SE (assessed as inside the disengagement area)	N/K	21-Mar, 01:18
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	5-7km N	Recorded	3	Projectile	E to W	N/K	20-Mar, 19:20
	5-7km N	Recorded	2	Projectile	E to W	N/K	20-Mar, 19:21
	2-5km N	Recorded	2	Explosion	Undetermined	N/K	20-Mar, 21:51
	2-5km NNE	Recorded	2	Projectile	W to E	N/K	20-Mar, 22:34
	2-5km NNE	Recorded	1	Projectile	E to W	N/K	20-Mar, 22:37
	2-5km N	Recorded	2	Projectile	W to E	N/K	20-Mar, 22:40
	2-5km N	Recorded	1	Explosion	Undetermined	N/K	20-Mar, 22:45
	2-5km N	Recorded	6	Projectile	E to W	N/K	20-Mar, 23:21
	2-5km N	Recorded	1	Muzzle flash		N/K	20-Mar, 23:22
	2-5km N	Recorded	1	Projectile	W to E	N/K	20-Mar, 23:22
	2-5km NNE	Recorded	2	Explosion	Undetermined	N/K	20-Mar, 23:23
	2-5km N	Recorded	1	Projectile	W to E	N/K	20-Mar, 23:28
	2-5km NNE	Recorded	1	Projectile	E to W	N/K	20-Mar, 23:34
	2-5km N	Recorded	1	Explosion	Undetermined	N/K	20-Mar, 23:45
	2-5km N	Recorded	1	Projectile	E to W	N/K	20-Mar, 23:45
2-5km N	Recorded	1	Explosion	Airburst	N/K	20-Mar, 23:45	
2-5km NNE	Recorded	1	Explosion	Undetermined	N/K	20-Mar, 23:55	
About 2km S of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km NNW	Heard	12	Explosion	Undetermined	N/K	21-Mar, 13:36-13:38
	3-4km NNW	Heard	2	Explosion	Undetermined	N/K	21-Mar, 13:40
E part of Krasnohorivka (government-controlled, 21km W of Donetsk)	2-3km E	Heard	3	Burst		HMG	21-Mar, 09:28
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	1-2km S	Heard	2	Burst	Assessed as outside the disengagement area	Small arms	21-Mar, 11:20

Staromykhailivka (non-government-controlled, 15km W of Donetsk)	2-4km SW	Heard	3	Burst		Small arms	21-Mar, 13:35
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-3km SW	Heard	5	Shot	Within 2km radius of DFS	Small arms	21-Mar, 12:28
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	2-3km NNE	Heard	1	Explosion	Undetermined	N/K	21-Mar, 09:54
	2-4km SE	Heard	10	Burst		Small arms	21-Mar, 14:36
About 2km SE of Lebedynske (government-controlled, 99km S of Donetsk)	4-5km N	Heard	1	Explosion	Undetermined	N/K	21-Mar, 11:59
About 2km SW of Zalizne (formerly Artemove, government-controlled, 42km NE of Donetsk)	2-3km SE	Heard	7	Explosion	Undetermined	N/K	21-Mar, 11:56
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-6km W	Heard	2	Explosion	Undetermined	N/K	20-Mar, 19:17
	4-6km W	Heard	1	Explosion	Undetermined	N/K	20-Mar, 20:08
	4-6km W	Heard	1	Explosion	Undetermined	N/K	20-Mar, 22:07
	3-5km W	Heard	3	Burst		HMG	21-Mar, 06:01
	3-5km W	Heard	2	Burst		HMG	21-Mar, 06:05
	3-5km WNW	Heard	3	Burst		HMG	21-Mar, 06:10
About 7.5km WNW of Horlivka (non-government-controlled, 39km NE of Donetsk)	1-2km S	Heard	10	Shot		Small arms	21-Mar, 09:02
	1-1.5km S	Heard	4	Burst		Small arms	21-Mar, 11:30
	2-3km WSW	Heard	4	Burst		HMG	21-Mar, 11:40-11:47
	2-3km WSW	Heard	2	Explosion	Undetermined	N/K	21-Mar, 11:47
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1.5-3km E	Recorded	9	Projectile	N to S (assessed as outside the disengagement area)	N/K	20-Mar, 22:28
	1.5-3km E	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K	20-Mar, 22:30
	1.5-3km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	21-Mar, 00:45
	1.5-3km E	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K	21-Mar, 00:46
	1.5-3km E	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	21-Mar, 01:30
	1.5-3km E	Recorded	5	Projectile	N to S (assessed as	N/K	21-Mar, 02:17

					outside the disengagement area)		
E edge of Popasna (government-controlled, 69km W of Luhansk)	2-4km ESE	Heard	32	Burst		HMG	20-Mar, 23:38-00:00
2km E of Zolote-2/Karbonit (government-controlled, 62km W of Luhansk)	5-8km E	Heard	3	Shot		HMG	21-Mar, 10:05
W edge of Berezhivske (non-government-controlled, 53km NW of Luhansk)	8-10km NW	Heard	31	Shot		HMG	21-Mar, 10:30-10:45
	5-10km NNW	Heard	4	Explosion	Undetermined	N/K	21-Mar, 11:15-11:28
	3-5km NNW	Heard	30	Explosion	Undetermined	N/K	21-Mar, 11:45-12:00
	3-5km NNW	Heard	6	Burst		HMG	21-Mar, 11:45-12:00
E edge of Smile (non-government-controlled, 31km NW of Luhansk)	2-3km NNW	Heard	3	Shot		Small arms	21-Mar, 11:00
Smile (non-government-controlled, 31km NW of Luhansk)	3-4km NW	Heard	46	Explosion	Impact	Mortar (type N/K)	21-Mar, 11:02-11:28
	3km N	Heard	21	Shot		Small arms	21-Mar, 11:02-11:28
	6-8km N	Heard	24	Explosion	Undetermined	N/K	21-Mar, 11:02-11:28
NNE edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)	2-10km SE	Heard	90	Burst		HMG	21-Mar, 11:00-11:10
	3-10km SE	Heard	27	Explosion	Undetermined	N/K	21-Mar, 11:00-11:10
	1-3km E	Heard and saw	3	Explosion	Impact	Mortar (type N/K)	21-Mar, 11:00-11:10
	5-8km SSE	Heard and saw	5	Explosion	Impact	Mortar (type N/K)	21-Mar, 11:00-11:10
NE edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)	3-10km SSE	Heard	64	Explosion	Undetermined	N/K	21-Mar, 11:15-11:35
	3-10km SSE	Heard	107	Burst		HMG	21-Mar, 11:15-11:35
Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	12-15km NW	Heard	4	Explosion	Undetermined	N/K	21-Mar, 11:19-11:33
About 3km N of Stepove (non-government-controlled, 27km W of Luhansk)	8-10km N	Heard	14	Explosion	Undetermined	N/K	21-Mar, 11:54-11:58
	8-10km N	Heard	12	Explosion	Undetermined	N/K	21-Mar, 12:14-12:25
700m NNW of Stanytsia Luhanska bridge (15km NE of Luhansk)	15-20km W	Heard	14	Explosion	Undetermined	Artillery (type N/K)	21-Mar, 12:14-12:16
1.5km SW of Molodizhne (non-government-controlled, 63km W of Luhansk)	3-5km S	Heard	1	Explosion	Undetermined	N/K	21-Mar, 13:36

SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	4-6km SSE	Recorded	1	Projectile	In vertical flight	N/K	22-Mar, 18:30
	4-6km SSE	Recorded	1	Projectile	NE to SW	N/K	22-Mar, 18:30
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	2-4km ESE	Recorded	4	Projectile	S to N	N/K	22-Mar, 18:54
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	2	Projectile	In vertical flight	N/K	21-Mar, 22:09
	2-4km NNE	Recorded	2	Projectile	W to E	N/K	21-Mar, 22:09
	2-4km NNW	Recorded	1	Explosion	Undetermined	N/K	22-Mar, 02:54
	2-4km NNW	Recorded	1	Explosion	Undetermined	N/K	22-Mar, 03:01
	2-4km NNW	Recorded	1	Explosion	Undetermined	N/K	22-Mar, 03:06
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	0.5-1.5km WSW	Recorded	3	Projectile	NW to SE (assessed as inside the disengagement area)	N/K	21-Mar, 20:31
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km N	Recorded	1	Explosion	Undetermined	N/K	21-Mar, 19:54
	2-7km NNE	Recorded	9	Projectile	E to W	N/K	21-Mar, 22:10
	2-7km NNE	Recorded	2	Projectile	E to W	N/K	21-Mar, 22:11
	2-7km NNE	Recorded	6	Projectile	W to E	N/K	21-Mar, 22:39
	2-7km NNE	Recorded	6	Projectile	W to E	N/K	21-Mar, 22:41
	2-7km NNE	Recorded	8	Projectile	W to E	N/K	21-Mar, 22:42
	4-7km NNE	Recorded	1	Projectile	In vertical flight	N/K	21-Mar, 22:42
	4-6km NNW	Recorded	2	Projectile	ENE to WSW	N/K	22-Mar, 18:29
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	22-Mar, 18:32
	4-6km NNW	Recorded	9	Projectile	ENE to WSW	N/K	22-Mar, 18:33
	4-6km NNE	Recorded	3	Projectile	ENE to WSW	N/K	22-Mar, 18:45
	4-6km N	Recorded	1	Projectile	ENE to WSW	N/K	22-Mar, 18:47
	2-5km N	Recorded	3	Projectile	E to W	N/K	22-Mar, 18:51
	2-5km N	Recorded	1	Muzzle flash		N/K	22-Mar, 18:52
	2-5km N	Recorded	1	Illumination flare	In vertical flight (subsequent to previous event)	N/K	22-Mar, 18:52
2-5km N	Recorded	1	Projectile	E to W	N/K	22-Mar, 18:52	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-5km WSW	Recorded	1	Projectile	SE to NW	N/K	21-Mar, 19:36
	2-5km WSW	Recorded	1	Muzzle flash		N/K	21-Mar, 19:36
	2-5km WSW	Recorded	6	Projectile	SSE to NNW (subsequent to the previous event)	N/K	21-Mar, 19:36
	2-5km WSW	Recorded	1	Explosion	Undetermined	N/K	21-Mar, 23:36
	3-5km WSW	Recorded	11	Projectile	SSE to NNW	N/K	22-Mar, 02:04
	3-5km WSW	Recorded	2	Projectile	NNW to SSE	N/K	22-Mar, 02:04
	2-5km WSW	Recorded	1	Explosion	Undetermined	N/K	22-Mar, 23:54
About 800m NNE of Debaltseve (non-government-controlled, 58km NE of Donetsk)	3km WNW	Heard	7	Burst		HMG	22-Mar, 00:25
	3km WNW	Heard	2	Shot		Small arms	22-Mar, 00:25
	3km WNW	Heard	1	Explosion	Undetermined	N/K	22-Mar, 00:25
About 2.5km SE of Avdiivka	2-3km SSE	Heard	15	Shot	Within 5km radius of DFS	HMG	22-Mar, 10:12

(government-controlled, 17km N of Donetsk)	2-3km SSE	Heard	3	Shot	Within 5km radius of DFS	HMG	22-Mar, 10:21
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km S	Heard	1	Burst	Assessed as outside the disengagement area	Small arms	22-Mar, 11:50
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km SSW	Heard	16	Explosion	Undetermined	N/K	21-Mar, 23:05-23:14
	5-7km SSW	Heard	16	Explosion	Undetermined	N/K	21-Mar, 23:15-23:25
	5-7km SSW	Heard	22	Explosion	Undetermined	N/K	21-Mar, 23:26-23:40
	5-7km SSW	Heard	11	Explosion	Undetermined	N/K	21-Mar, 23:47-23:57
	3-4km S	Heard	6	Explosion	Undetermined	N/K	22-Mar, 14:17-14:22
	3-4km S	Heard	6	Explosion	Undetermined	N/K	22-Mar, 14:32-14:36
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	22-Mar, 18:11
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km SE	Recorded	1	Illumination flare	In vertical flight	N/K	22-Mar, 02:23
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	21-Mar, 18:33
	1-3km E	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K	21-Mar, 20:23
	1-3km E	Recorded	1	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	22-Mar, 00:45
N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km ESE	Heard	5	Explosion	Undetermined	N/K	22-Mar, 04:52-04:59
	4-6km ESE	Heard	6	Burst		HMG	22-Mar, 04:52-04:59
	6-8km ESE	Heard	9	Explosion	Undetermined	N/K	22-Mar, 05:06-05:10
3 km N of Stepove (Non-government-controlled, 27km W of Luhansk)	3-4km N	Heard	1	Explosion	Undetermined	Mortar (type N/K)	22-Mar, 11:15
About 2km SW of Molodizhne (non-government-controlled, 63km W of Luhansk)	2-3km SW	Heard	1	Burst		HMG	22-Mar, 12:27
	2-3km SW	Heard	2	Shot		HMG	22-Mar, 12:27