

Table of ceasefire violations as of 16 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)	3-5km ESE	Recorded	1	Projectile	SSW to NNE (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	15-Mar, 21:20
	2-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K	15-Mar, 21:22
	2-4km ESE	Recorded	1	Explosion	Impact (subsequent to previous event, assessed as inside the disengagement area near Petrivske)	N/K	15-Mar, 21:22
	2-4km ESE	Recorded	1	Muzzle flash	Assessed as inside the disengagement area near Petrivske	N/K	15-Mar, 21:22
	2-4km ESE	Recorded	1	Projectile	SSW to NNE (subsequent to previous event)	N/K	15-Mar, 21:22
	2-4km ESE	Recorded	1	Explosion	Impact (subsequent to previous event, assessed as inside the disengagement area near Petrivske)	N/K	15-Mar, 21:22
	2-4km ESE	Recorded	1	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	15-Mar, 21:23
	2-4km ESE	Recorded	1	Muzzle flash	Assessed as inside the disengagement area near Petrivske	N/K	15-Mar, 21:23
	2-4km ESE	Recorded	1	Projectile	SSW to NNE (subsequent to previous event)	N/K	15-Mar, 21:23
	2-4km ESE	Recorded	1	Explosion	Impact (subsequent to previous event, assessed as inside the disengagement area near Petrivske)	N/K	15-Mar, 21:23
	3-5km ESE	Recorded	4	Projectile	NNE to SSW	N/K	15-Mar, 22:44
	3-5km ESE	Recorded	1	Explosion	Impact (subsequent to previous event, unable to be assessed inside or outside the disengagement area near Petrivske)	N/K	15-Mar, 22:44
	3-5km ESE	Recorded	1	Muzzle flash		N/K	15-Mar, 22:44
	3-5km ESE	Recorded	1	Projectile	SSW to NNE (subsequent to previous event, unable to be assessed inside or outside the disengagement area near Petrivske)	N/K	15-Mar, 22:44

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.

	2-4km ESE	Recorded	3	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	15-Mar, 22:45
	3-5km SE	Recorded	3	Projectile	In vertical flight (assessed as outside the disengagement area near Petrivske)	N/K	15-Mar, 22:46
	2-4km ESE	Recorded	2	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	15-Mar, 22:50
	2-4km ESE	Recorded	3	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	15-Mar, 22:52
	2-4km ESE	Recorded	1	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	15-Mar, 22:53
	3-5km ESE	Recorded	2	Projectile	In vertical flight (unable to be assessed inside or outside the disengagement area near Petrivske)	N/K	15-Mar, 22:55
SMM camera in Chermalyk (government- controlled, 77km S of Donetsk)	2-4km SE	Recorded	2	Projectile	N to S	N/K	15-Mar, 19:47
	2-4km SE	Recorded	2	Projectile	N to S	N/K	15-Mar, 20:05
	2-4km SE	Recorded	3	Projectile	N to S	N/K	15-Mar, 21:05
	3-5km SE	Recorded	3	Explosion	Undetermined	N/K	15-Mar, 21:17
	3-5km SE	Recorded	6	Explosion	Undetermined	N/K	15-Mar, 21:18
	3-5km SE	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 21:19
	2-4km SE	Recorded	3	Muzzle flash		N/K	15-Mar, 21:23
	2-4km SE	Recorded	1	Muzzle flash		N/K	15-Mar, 21:24
	2-4km SE	Recorded	2	Projectile	N to S	N/K	15-Mar, 21:32
SMM camera 1.5km NE of Hnutove (government- controlled, 90km S of Donetsk)	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 22:30
	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 22:32
SMM camera at entry-exit checkpoint in Hnutove (government- controlled, 84km S of Donetsk)	2-3km ENE	Recorded	1	Projectile	NNW to SSE	N/K	15-Mar, 19:48
	1-2km ENE	Recorded	2	Projectile	N to S	N/K	15-Mar, 21:05
	1-2km ENE	Recorded	1	Projectile	N to S	N/K	15-Mar, 23:11
SMM camera at entry-exit checkpoint in Maiorsk (government- controlled, 45km NE of Donetsk)	2-4km E	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 20:51
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 22:16
	1-3km E	Recorded	14	Muzzle flash		N/K	15-Mar, 22:17
	1-3km E	Recorded	26	Projectile	NW to SE (some subsequent to previous event)	N/K	15-Mar, 22:17
	1-3km E	Recorded	2	Projectile	In vertical flight	N/K	15-Mar, 22:17
	1-3km E	Recorded	2	Muzzle flash		N/K	15-Mar, 22:26
	1-3km E	Recorded	7	Projectile	NW to SE (two subsequent to previous event)	N/K	15-Mar, 22:26
	3-5km E	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 23:28
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 23:32

	3-5km E	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 23:43
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 23:51
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 20:51
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 22:16
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 23:28
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 23:41
	4-6km NE	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 23:43
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 23:47
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 23:51
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-4km NNW	Recorded	2	Projectile	SW to NE	N/K	15-Mar, 19:21
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 19:22
	2-4km NNE	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 19:23
	2-4km NNW	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 19:23
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 19:23
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	15-Mar, 19:28
	5-7km N	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 19:28
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 19:29
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 19:30
	5-7km N	Recorded	1	Projectile	WSW to ENE	N/K	15-Mar, 19:30
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 19:30
	5-7km N	Recorded	3	Projectile	WSW to ENE	N/K	15-Mar, 19:31
	5-7km N	Recorded	3	Explosion	Undetermined	N/K	15-Mar, 19:31
	5-7km N	Recorded	1	Projectile	WSW to ENE	N/K	15-Mar, 19:32
	5-7km N	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 19:32
	5-7km N	Recorded	2	Projectile	WSW to ENE	N/K	15-Mar, 19:33
	5-7km N	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 19:33
	5-7km N	Recorded	2	Projectile	WSW to ENE	N/K	15-Mar, 19:34
	5-7km N	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 19:34
	5-7km N	Recorded	1	Projectile	WSW to ENE	N/K	15-Mar, 19:35
	5-7km N	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 19:35
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	15-Mar, 19:36
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 19:36
	3-5km NNE	Recorded	1	Projectile	E to W	N/K	15-Mar, 19:58
	3-5km N	Recorded	1	Projectile	E to W	N/K	15-Mar, 20:01
	3-5km NNE	Recorded	3	Muzzle flash		N/K	15-Mar, 20:03
	3-5km NNE	Recorded	1	Projectile	E to W (subsequent to previous event)	N/K	15-Mar, 20:03
	3-5km N	Recorded	1	Projectile	E to W	N/K	15-Mar, 20:19
	3-5km N	Recorded	5	Projectile	E to W	N/K	15-Mar, 20:22
	3-5km N	Recorded	2	Projectile	E to W	N/K	15-Mar, 20:28
	3-5km N	Recorded	2	Projectile	In vertical flight	N/K	15-Mar, 20:29
	3-5km N	Recorded	2	Projectile	In vertical flight	N/K	15-Mar, 20:30
	3-5km N	Recorded	1	Projectile	E to W	N/K	15-Mar, 20:33
3-5km N	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 20:35	
2-4km N	Recorded	1	Projectile	W to E	N/K	15-Mar, 20:44	

	4-6km N	Recorded	3	Explosion	Undetermined	N/K	15-Mar, 20:44
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 20:48
	2-4km N	Recorded	1	Projectile	W to E	N/K	15-Mar, 20:56
	2-4km N	Recorded	1	Projectile	W to E	N/K	15-Mar, 21:00
	3-5km N	Recorded	1	Projectile	E to W	N/K	15-Mar, 21:01
	3-5km N	Recorded	1	Projectile	E to W	N/K	15-Mar, 21:02
	3-5km N	Recorded	6	Projectile	E to W	N/K	15-Mar, 21:03
	3-5km N	Recorded	4	Projectile	E to W	N/K	15-Mar, 21:04
	3-5km N	Recorded	1	Projectile	E to W	N/K	15-Mar, 21:17
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 21:17
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 21:18
	3-5km N	Recorded	2	Projectile	E to W	N/K	15-Mar, 21:22
	3-5km N	Recorded	3	Projectile	E to W	N/K	15-Mar, 22:12
	3-5km N	Recorded	2	Projectile	E to W	N/K	15-Mar, 22:13
	4-6km NNW	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 22:38
	3-5km N	Recorded	5	Projectile	E to W	N/K	15-Mar, 22:41
	3-5km N	Recorded	4	Projectile	E to W	N/K	15-Mar, 22:43
	3-5km NNW	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 22:46
	3-5km NNW	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 22:49
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 22:49
	3-5km NNW	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 22:50
	3-5km NNW	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 22:51
	3-5km NNW	Recorded	1	Explosion	Undetermined	N/K	15-Mar, 22:52
	3-5km NNW	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 22:53
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	15-Mar, 23:14
	3-5km N	Recorded	2	Projectile	E to W	N/K	15-Mar, 23:17
	3-5km N	Recorded	10	Projectile	E to W	N/K	15-Mar, 23:24
	3-5km N	Recorded	1	Muzzle flash		N/K	15-Mar, 23:39
	3-5km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	15-Mar, 23:39
	3-5km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	15-Mar, 23:39
	3-5km N	Recorded	2	Projectile	E to W	N/K	16-Mar, 00:37
	3-5km N	Recorded	7	Projectile	E to W	N/K	16-Mar, 01:07
	3-5km N	Recorded	6	Projectile	E to W	N/K	16-Mar, 03:29
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-4km SW	Heard	1	Explosion	Impact	N/K	16-Mar, 09:46
	2-3km SW	Heard	34	Shot		Small arms	16-Mar, 09:47
	2-3km SW	Heard	10	Burst		Small arms	16-Mar, 09:47
	2-3km SW	Heard	7	Burst		HMG	16-Mar, 09:48
	3-4km SW	Heard	1	Explosion	Impact	N/K	16-Mar, 09:49
	2-3km SW	Heard	9	Burst		Small arms	16-Mar, 09:49-09:50
	2-3km SW	Heard	1	Shot		Small arms	16-Mar, 10:48

	2-3km SW	Heard	1	Burst		Small arms	16-Mar, 10:59
	1.5-2km SW	Heard	10	Shot		Small arms	16-Mar, 12:44
Railway station in Donetsk (non-government-controlled, 6km NW of Donetsk city centre)	2km NW	Heard	4	Shot		Small arms	16-Mar, 08:18
About 1km N of Donetsk Railway Station (6km NW of Donetsk city centre)	2-3km NW	Heard	1	Explosion	Undetermined	N/K	16-Mar, 09:24
About 3km SSE of Lohvynove (non-government-controlled, 59km NE of Donetsk)	2km NNW	Heard	6	Shot		Small arms	16-Mar, 12:25
	2km NNW	Heard	2	Burst		Small arms	16-Mar, 12:25
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	4-6km SE	Heard	7	Explosion	Undetermined	N/K	16-Mar, 12:15-12:18
	5-7km ESE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 13:43
About 2km SE of Lebedynske (government-controlled, 99km S of Donetsk)	N/K NNE	Heard	1	Explosion	Outgoing	N/K	16-Mar, 12:40
	N/K NE	Heard	1	Explosion	Impact	N/K	16-Mar, 12:40
	N/K NNE	Heard	3	Burst		HMG	16-Mar, 12:40
	N/K NNE	Heard	5	Shot		AGL	16-Mar, 12:40
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-8km NW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 19:11
	4-7km W	Heard	1	Explosion	Undetermined	N/K	15-Mar, 20:51
	5-7km W	Heard	1	Explosion	Undetermined	N/K	15-Mar, 21:03
	6-8km W	Heard	3	Explosion	Undetermined	N/K	15-Mar, 22:02-22:06
	6-8km NW	Heard	4	Explosion	Undetermined	N/K	15-Mar, 23:28-23:33
	6-8km NW	Heard	3	Explosion	Undetermined	N/K	15-Mar, 23:25
	6-8km NW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 23:38
	6-8km NW	Heard	1	Explosion	Undetermined	N/K	15-Mar, 23:42
	6-9km N	Heard	1	Explosion	Undetermined	N/K	15-Mar, 23:44
	3-4km NW	Heard	1	Burst		HMG	15-Mar, 23:44
	7-10km N	Heard	3	Explosion	Undetermined	N/K	15-Mar, 23:48-23:52
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km SW	Heard	2	Explosion	Undetermined	N/K	15-Mar, 19:40
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	15-Mar, 21:30
	4-6km SE	Heard	2	Explosion	Undetermined	N/K	15-Mar, 23:33
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	15-Mar, 23:43
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	15-Mar, 23:50
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	3-5km SW	Recorded	4	Projectile	In vertical flight	N/K	15-Mar, 19:35
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	4-6km E	Recorded	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Mar, 19:28
	4-6km E	Recorded	2	Explosion	Undetermined (assessed as outside	N/K	15-Mar, 19:29

					the disengagement area)		
	4-6km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Mar, 19:30
	4-6km E	Recorded	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Mar, 19:33
	4-6km E	Recorded	4	Projectile	S to N (assessed as outside the disengagement area)	N/K	15-Mar, 19:34
	4-6km E	Recorded	3	Muzzle flash	Assessed as outside the disengagement area	N/K	15-Mar, 19:34
	4-6km ENE	Recorded	3	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	15-Mar, 19:35
	4-6km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Mar, 19:38
	4-6km E	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Mar, 19:38
	4-6km ENE	Recorded	1	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	15-Mar, 19:39
	4-6km ENE	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	15-Mar, 19:40
	4-6km E	Recorded	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Mar, 19:46
	4-6km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Mar, 19:46
	4-6km E	Recorded	5	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Mar, 19:47
	3-5km E	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Mar, 19:50
	3-5km ENE	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Mar, 23:35
	3-5km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	15-Mar, 23:58
S edge of Holubivske (non-government-controlled, 51km W of Luhansk)	3-5km NE	Heard	5	Explosion	Undetermined	N/K	16-Mar, 09:30-09:39
	3-5km NE	Heard	11	Burst		HMG	16-Mar, 09:30-09:39
	8-9km NW	Heard	6	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	16-Mar, 13:28-13:35

	8-9km N	Heard	56	Explosion	Undetermined	N/K	16-Mar, 13:28-13:35
	5-8km N	Heard	10	Burst		HMG	16-Mar, 13:28-13:35
	8-9km N	Heard	14	Explosion	Undetermined	N/K	16-Mar, 13:35-13:45
	8-9km ENE	Heard	25	Explosion	Undetermined	N/K	16-Mar, 13:35-13:45
	3-5km N	Heard	12	Explosion	Undetermined	N/K	16-Mar, 13:35-13:45
Holubivske (non-government-controlled, 51km W of Luhansk)	3-5km WSW	Heard	8	Burst	Assessed as outside the disengagement area near Zolote	HMG	16-Mar, 16:03-16:15
NE edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	4-6km NNW	Heard	2	Explosion	Undetermined	N/K	16-Mar, 10:30-10:34
	4-6km NNW	Heard	2	Burst		HMG	16-Mar, 10:30-10:34
1.5km NW of Krynychne (non-government-controlled, 45km W of Luhansk)	10-15km WNW	Heard	3	Explosion	Undetermined	N/K	16-Mar, 11:02
	1-2km SSW	Heard	20	Shot		Small arms	16-Mar, 11:23
	5-10km NE	Heard	1	Explosion	Undetermined	N/K	16-Mar, 11:28
	10-15km NNW	Heard	50	Explosion	Undetermined	N/K	16-Mar, 11:33-11:35
3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	4-6km NNE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	16-Mar, 11:05
	8-10km NE	Heard	178	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	16-Mar, 13:00-13:45
	8-10km NE	Heard	25	Burst	Assessed as outside the disengagement area near Zolote	HMG	16-Mar, 13:00-13:45
SW edge of Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk)	4-6km NE	Heard	10	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	16-Mar, 11:35-11:40
	4-6km NE	Heard	5	Burst	Assessed as outside the disengagement area	HMG	16-Mar, 11:35-11:40
NW edge of Petrovenky (non-government-controlled, 40km W of Luhansk)	8-12km NW	Heard	300	Explosion	Undetermined	N/K	16-Mar, 12:08-13:00
1.5km W of Berezivske (non-government-controlled, 53km NW of Luhansk)	6-9km NE	Heard	117	Explosion	Undetermined	N/K	16-Mar, 12:09-12:22
2km NNE of Vyskryva (government-controlled, 76km W of Luhansk)	8-10km ENE	Heard	19	Explosion	Undetermined	N/K	16-Mar, 12:25-13:00
NE edge of Holubivka (formerly Kirovsk, non-government-	8-9km NNE	Heard and saw	20	Explosion	Impact	N/K	16-Mar, 13:00-13:06
	8-9km NNE	Heard and saw	27	Explosion	Impact	N/K	16-Mar, 13:06-13:20

controlled, 51km W of Luhansk)	8-9km WNW	Heard and saw	20	Explosion	Impact (assessed as outside the disengagement area near Zolote)	N/K	16-Mar, 13:06-13:20
	8-10km NE	Heard	32	Explosion	Undetermined	N/K	16-Mar, 14:30-14:45
	5-8km WNW	Heard	14	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	16-Mar, 14:30-14:45
	8-10km N	Heard	6	Burst		HMG	16-Mar, 14:30-14:45