

Table of ceasefire violations as of 20 March 2020¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 20:45
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 20:49
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 21:01
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 21:02
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 21:49
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 22:21
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 22:28
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 22:29
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 22:30
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 22:32
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 22:34
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 22:35
	3-5km ESE	Recorded	8	Explosion	Undetermined	N/K	19-Mar, 22:36
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	19-Mar, 22:40
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 22:43
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	19-Mar, 22:51
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 22:52
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 22:53
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	19-Mar, 22:57
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	19-Mar, 22:58
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	19-Mar, 22:59
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 23:03
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	19-Mar, 23:04
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 23:05
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	19-Mar, 23:09
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	19-Mar, 23:14
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	19-Mar, 23:24
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	19-Mar, 23:26
	3-5km ESE	Recorded	1	Muzzle flash		N/K	19-Mar, 23:30
	2-4km ESE	Recorded	1	Projectile		N/K	19-Mar, 23:30
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 23:30
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 23:35
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	19-Mar, 23:40
3-5km ESE	Recorded	1	Explosion	Airburst	N/K	20-Mar, 00:11	
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-3km SSE	Recorded	1	Projectile		N/K	19-Mar, 23:31
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	3-5km ESE	Recorded	1	Projectile	Unable to be assessed inside or outside the Petrivske disengagement area	N/K	19-Mar, 19:25

¹⁰ 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.

	3-5km ESE	Recorded	1	Projectile	Unable to be assessed inside or outside the Petrivske disengagement area	N/K	19-Mar, 19:28
	2-4km ESE	Recorded	2	Muzzle flash	Assessed as inside of the Petrivske disengagement area	N/K	19-Mar, 20:12
	2-4km ESE	Recorded	5	Projectile	Assessed as inside the Petrivske disengagement area	N/K	19-Mar, 20:12
	2-4km ESE	Recorded	10	Projectile	Assessed as inside the Petrivske disengagement area	N/K	19-Mar, 20:13
	2-4km ESE	Recorded	9	Muzzle flash	Assessed as inside the Petrivske disengagement area	N/K	19-Mar, 20:17
	2-4km ESE	Recorded	1	Projectile	Subsequent to the previous event (assessed as inside the Petrivske disengagement area)	N/K	19-Mar, 20:17
	2-4km ESE	Recorded	1	Projectile	Assessed as inside the Petrivske disengagement area	N/K	19-Mar, 20:19
	2-4km ESE	Recorded	3	Projectile	Assessed as inside the Petrivske disengagement area	N/K	19-Mar, 20:20
	2-4km E	Recorded	1	Projectile	Unable to be assessed inside or outside the Petrivske disengagement area	N/K	19-Mar, 20:22
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	1	Projectile		N/K	19-Mar, 23:23
	2-4km SE	Recorded	2	Projectile		N/K	19-Mar, 23:25
	2-4km SE	Recorded	6	Projectile		N/K	19-Mar, 23:27
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km S	Recorded	2	Projectile		N/K	19-Mar, 20:20
	0.5-1km S	Recorded	1	Projectile		N/K	19-Mar, 20:21
	1-3km S	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 23:21
	1-2km S	Recorded	2	Projectile		N/K	20-Mar, 18:51
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km SE	Recorded	17	Projectile		N/K	19-Mar, 20:56
	2-4km SE	Recorded	6	Projectile		N/K	19-Mar, 20:57
	2-4km SE	Recorded	29	Projectile		N/K	19-Mar, 20:58
	2-4km SE	Recorded	1	Projectile	In vertical flight	N/K	19-Mar, 20:58
	2-4km SE	Recorded	8	Projectile	In vertical flight	N/K	19-Mar, 21:00
	2-4km SE	Recorded	8	Projectile		N/K	19-Mar, 21:01
	2-4km SE	Recorded	3	Projectile		N/K	19-Mar, 21:04

	2-4km SE	Recorded	3	Projectile		N/K	19-Mar, 22:48
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-3km E	Recorded	1	Projectile		N/K	20-Mar, 02:35
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	3-4km NNE	Recorded	8	Projectile		N/K	20-Mar, 01:51
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 20:31
	3-5km NE	Recorded	1	Illumination flare	In vertical flight	N/K	19-Mar, 20:52
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 21:06
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	20-Mar, 02:10
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	20-Mar, 18:58
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	1-3km SSW	Recorded	2	Projectile	Unable to be assessed inside or outside the disengagement area	N/K	19-Mar, 22:39
	1-3km WSW	Recorded	6	Projectile	Assessed as inside the disengagement area	N/K	20-Mar, 00:36
	1-3km SW	Recorded	10	Projectile	Assessed as inside of the disengagement area	N/K	20-Mar, 02:02
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	1	Projectile		N/K	19-Mar, 19:04
	3-5km N	Recorded	3	Projectile		N/K	19-Mar, 19:07
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 19:17
	5-7km N	Recorded	2	Projectile		N/K	19-Mar, 21:02
	5-7km N	Recorded	2	Projectile		N/K	19-Mar, 21:06
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 21:06
	5-7km NNW	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 21:34
	5-7km NNW	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 21:37
	5-7km NNW	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 21:51
	5-7km N	Recorded	1	Projectile		N/K	19-Mar, 21:55
	5-7km N	Recorded	8	Projectile		N/K	19-Mar, 22:18
	5-7km N	Recorded	1	Projectile	In vertical flight	N/K	19-Mar, 22:18
	5-7km N	Recorded	1	Projectile		N/K	19-Mar, 22:39
	5-7km N	Recorded	4	Projectile		N/K	19-Mar, 22:48
	5-7km N	Recorded	1	Projectile		N/K	19-Mar, 22:49
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 23:19
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 23:48
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 23:57
	5-7km N	Recorded	6	Projectile		N/K	20-Mar, 00:11
	5-7km N	Recorded	1	Muzzle flash		N/K	20-Mar, 00:11
	5-7km N	Recorded	9	Projectile		N/K	20-Mar, 00:12
	5-7km N	Recorded	6	Projectile		N/K	20-Mar, 00:13
	5-7km N	Recorded	1	Projectile		N/K	20-Mar, 00:39
5-7km NNW	Recorded	2	Projectile		N/K	20-Mar, 01:03	
5-7km N	Recorded	1	Illumination flare		N/K	20-Mar, 18:34	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km WSW	Recorded	3	Projectile		N/K	19-Mar, 22:59

About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-5km W	Heard	7	Explosion	Undetermined (within 5km radius from DFS)	N/K	20-Mar, 09:07-09:13
	4-6km W	Heard	67	Explosion	Undetermined (within 5km radius from DFS)	N/K	20-Mar, 09:42-10:25
	2-3km SW	Heard	2	Burst	within 5km radius of DFS	HMG	20-Mar, 10:11
	4-6km W	Heard	7	Explosion	Undetermined (within 5km radius from DFS)	N/K	20-Mar, 10:27-10:44
	4-6km W	Heard	2	Explosion	Undetermined (within 5km radius from DFS)	N/K	20-Mar, 13:32
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	4-6km W	Heard	3	Explosion	Undetermined (within 5km radius from DFS)	N/K	20-Mar, 11:18-11:28
Railway station in Donetsk (non-government controlled, 6km NW of Donetsk city centre)	3-4km NE	Heard	1	Explosion	Undetermined	N/K	20-Mar, 08:50
	2-3km NE	Heard	1	Burst		HMG	20-Mar, 09:04
	2-3km NW	Heard	30	Burst		HMG	20-Mar, 09:13-09:16
	2-3km N	Heard	1	Explosion	Undetermined	N/K	20-Mar, 09:22
	3-4km N	Heard	3	Explosion	Undetermined	N/K	20-Mar, 09:23-09:25
About 2km SE of Spartak (non-government-controlled, 9km N of Donetsk)	3-4km NE	Heard	1	Explosion	Undetermined	N/K	20-Mar, 10:10
	2-3km WNW	Heard	11	Burst		Small arms	20-Mar, 10:13-10:23
Netailove (government-controlled, 22km NW of Donetsk)	3-5km N	Heard	25	Explosion	Undetermined	N/K	20-Mar, 08:54-09:12
	3-5km E	Heard	1	Explosion	Undetermined	N/K	20-Mar, 08:55
About 2km NW of Pisky (government-controlled, 12km NW of Donetsk)	4-5km NNW	Heard	24	Explosion	Undetermined	N/K	20-Mar, 09:30-10:10
NW of Bezimenne (non-government-controlled, 100km S of Donetsk)	3-4km SW	Heard	11	Shot		Small arms	20-Mar, 09:43
Orlivske (government-controlled, 82km S of Donetsk)	3-5km ENE	Heard	6	Explosion	Undetermined	N/K	20-Mar, 11:07-11:10
	3-5km ENE	Heard	15	Explosion	Undetermined	N/K	20-Mar, 11:15-11:20
	3-5km ENE	Heard	27	Explosion	Undetermined	N/K	20-Mar, 11:31-11:38
	3-5km ENE	Heard	7	Burst		HMG	20-Mar, 11:31-11:38
	6-8km NNW	Heard	2	Explosion	Undetermined	N/K	20-Mar, 11:40-11:41
	6-8km NNW	Heard	5	Explosion	Undetermined	N/K	20-Mar, 11:45-11:48
	6-8km NNW	Heard	5	Explosion	Undetermined	N/K	20-Mar, 11:51-11:55
	6km NNW	Heard	1	Explosion	Undetermined	N/K	20-Mar, 12:16

About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	N/K NE	Heard	1	Explosion	Undetermined	N/K	20-Mar, 08:25
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	3-5km NW	Heard	10	Explosion	Undetermined	N/K	20-Mar, 08:55-09:05
	3-5km NW	Heard	5	Explosion	Undetermined	N/K	20-Mar, 09:09-09:12
	5-7km NE	Heard	21	Explosion	Undetermined	N/K	20-Mar, 09:20-09:22
	3-5km NW	Heard	7	Explosion	Undetermined	N/K	20-Mar, 09:42-09:46
	3-5km NW	Heard	18	Explosion	Undetermined	N/K	20-Mar, 09:47-09:55
	3-5km NW	Heard	12	Explosion	Undetermined	N/K	20-Mar, 09:57-10:11
	3-5km NW	Heard	18	Explosion	Undetermined	N/K	20-Mar, 10:17-10:30
	3-5km NW	Heard	6	Explosion	Undetermined	N/K	20-Mar, 10:40-10:47
	3-5km NW	Heard	7	Explosion	Undetermined	N/K	20-Mar, 11:02-11:10
About 2km SW of Horlivka (non-government-controlled, 39km NE of Donetsk)	5km N	Heard	3	Explosion	Undetermined	N/K	20-Mar, 09:09-09:14
About 7.5km WNW of Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km N	Heard	9	Burst		HMG	20-Mar, 09:14
	3-5km N	Heard	7	Burst		HMG	20-Mar, 09:53
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km SSE	Heard	1	Explosion	Undetermined	N/K	20-Mar, 16:12
	4-5km SSE	Heard	2	Explosion	Undetermined	N/K	20-Mar, 16:33-16:35
About 2km WSW of Zalizne (formerly Artemove, government-controlled, 42km NE of Donetsk)	5-7km SW	Heard	6	Explosion	Undetermined	N/K	20-Mar, 09:03-09:06
	5-7km SW	Heard	6	Explosion	Undetermined	N/K	20-Mar, 09:10-09:11
	5-7km SW	Heard	2	Explosion	Undetermined	N/K	20-Mar, 09:14
	5-7km SW	Heard	5	Explosion	Undetermined	N/K	20-Mar, 09:51-09:55
About 1km NE of Zalizne (formerly Artemove, government-controlled, 42km NE of Donetsk)	6-8km SW	Heard	2	Explosion	Undetermined	N/K	20-Mar, 10:23
	6-8km SW	Heard	1	Explosion	Undetermined	N/K	20-Mar, 10:27
	6-8km SW	Heard	2	Explosion	Undetermined	N/K	20-Mar, 10:32
About 2km SE of Yurivka (government-controlled, 35km N of Donetsk)	5-7km SE	Heard	3	Explosion	Undetermined	N/K	20-Mar, 10:20
	5-7km SE	Heard	1	Explosion	Undetermined	N/K	20-Mar, 10:23
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km SSW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 19:37
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 21:21
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 22:55
	4-6km SSW	Heard	10	Explosion	Undetermined	N/K	19-Mar, 22:57
	4-6km SW	Heard	12	Burst		HMG	19-Mar, 22:58
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 22:59
	4-6km SW	Heard	1	Burst		HMG	19-Mar, 23:00
	4-6km SW	Heard	1	Burst		HMG	19-Mar, 23:01
	4-6km SW	Heard	2	Burst		HMG	19-Mar, 23:02

	4-6km SW	Heard	6	Burst		HMG	19-Mar, 23:03
	4-6km SW	Heard	3	Explosion	Undetermined	N/K	19-Mar, 23:03-23:06
	4-6km SW	Heard	36	Burst		HMG	19-Mar, 23:06-23:20
	2-4km SSW	Heard	7	Burst		Small arms	19-Mar, 23:21
	4-6km SW	Heard	5	Burst		HMG	19-Mar, 23:36
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	5-7km SSW	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 21:35
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	2-4km E	Recorded	1	Projectile		N/K	19-Mar, 21:57
	2-4km E	Recorded	1	Explosion	Airburst	N/K	19-Mar, 21:57
	2-4km E	Recorded	1	Projectile		N/K	19-Mar, 22:17
	4-6km E	Recorded	1	Projectile	In vertical flight	N/K	19-Mar, 22:26
	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 22:26
	2-4km E	Recorded	4	Projectile		N/K	19-Mar, 22:36
	2-4km E	Recorded	2	Projectile	In vertical flight	N/K	19-Mar, 22:36
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	1	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	19-Mar, 20:04
	2-4km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	19-Mar, 20:07
	1-3km E	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	19-Mar, 20:10
	3-5km ENE	Recorded	1	Projectile	Assessed as outside of the disengagement area	N/K	20-Mar, 03:35
N edge of Zolote (government-controlled, 60km W of Luhansk)	8-10km E	Heard	12	Explosion	Undetermined	N/K	20-Mar, 09:08-09:15
N edge of Holubivka (formerly, Kirovsk, non-government-controlled, 51km W of Luhansk)	3-5km NNW	Heard	20	Explosion	Outgoing and impacts	N/K	20-Mar, 10:08-10:17
	3-5km NNW	Heard	10	Shot and burst		HMG	20-Mar, 10:08-10:17
	3-5km NW	Heard	25	Explosion	Outgoing and impacts (assessed as outside the Zolote disengagement area)	Mortar (type N/K)	20-Mar, 11:08-11:25
	3-5km NW	Heard	12	Shots and burst	Assessed as outside the Zolote disengagement area	HMG	20-Mar, 11:08-11:25
SW edge of Zolote-5/Mykhailivka (non-government-	4-6km NNW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	20-Feb, 10:26-10:40

controlled, 58km W of Luhansk)	2-4km NNW	Heard	2	Burst	Assessed as outside the disengagement area	HMG	20-Feb, 10:26-10:40
	6-8km NNW	Heard	9	Explosion	Undetermined	N/K	20-Feb, 10:46-10:52
SE edge of Zolote-5/Mykhailivika (non-government-controlled, 58km W of Luhansk)	3-4km NNE	Heard	9	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	20-Feb, 11:13-11:30
	3-4km NNE	Heard	9	Burst	Assessed as outside the disengagement area	HMG	20-Feb, 11:13-11:30
2km E of Zolote-2/Karbonit (government-controlled, 62km W of Luhansk)	5-8km E	Heard	8	Explosion	Undetermined	N/K	20-Mar, 11:00-11:58
	5-8km E	Heard	3	Shot and burst		HMG	20-Mar, 11:35-11:58
	3-5km SSE	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	20-Mar, 13:50-13:58
W edge of Zolote-2/Karbonit (government-controlled, 62km W of Luhansk)	5-8km S	Heard and saw	1	Explosion	Impact (assessed as outside the disengagement area)	N/K	20-Mar, 13:13-13:20
SW edge of Berezivske (non-government-controlled, 53km NW of Luhansk)	1.5-2km NNW	Heard	4	Explosion	Undetermined	N/K	20-Feb, 11:08
SW edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)	10-15km W	Heard	14	Explosion	Outgoing	Artillery (type N/K)	20-Mar, 11:19
	10-15km SW	Heard	14	Explosion	Impact	Artillery (type N/K)	20-Mar, 11:19
NE edge of Holubivske (non-government-controlled, 51km W of Luhansk)	4-5km WNW	Heard	35	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	20-Mar, 11:45-11:52
W edge of Kalynove Borshchuvate (non-government controlled, 61km W of Luhansk)	2-4km NW	Heard	1	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	20-Mar, 13:29