

Table of ceasefire violations as of 13 March 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	12-Mar, 18:32
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	12-Mar, 18:36
	2-4km SSE	Recorded	14	Projectile	WSW to ENE	N/K	12-Mar, 18:36
	2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	12-Mar, 18:59
	2-4km SSE	Recorded	4	Projectile	WSW to ENE	N/K	12-Mar, 18:59
	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	12-Mar, 19:00
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	12-Mar, 21:02
	2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	12-Mar, 21:03
	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	12-Mar, 21:04
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	12-Mar, 21:23
	2-4km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	12-Mar, 21:26
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	12-Mar, 21:41
	2-4km SE	Recorded	4	Projectile	NE to SW	N/K	12-Mar, 22:05
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	12-Mar, 23:10
	2-4km SE	Recorded	2	Projectile	NE to SW	N/K	12-Mar, 23:45
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	12-Mar, 23:48
	2-4km SE	Recorded	12	Projectile	NE to SW	N/K	13-Mar, 00:17
	2-4km SE	Recorded	4	Projectile	NE to SW	N/K	13-Mar, 00:39
	2-4km SE	Recorded	3	Projectile	NE to SW	N/K	13-Mar, 00:46
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	13-Mar, 01:05
	2-4km SSE	Recorded	3	Projectile	SW to NE	N/K	13-Mar, 01:12
	2-4km SSE	Recorded	17	Projectile	SW to NE	N/K	13-Mar, 01:13
	2-4km SSE	Recorded	1	Illumination flare	SSW to NNE	N/K	13-Mar, 01:14
	2-4km SSE	Recorded	7	Projectile	NE to SW	N/K	13-Mar, 01:14
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	13-Mar, 01:15
	2-4km SSE	Recorded	4	Projectile	NE to SW	N/K	13-Mar, 01:19
	2-4km SSE	Recorded	2	Projectile	NE to SW	N/K	13-Mar, 02:10
	2-4km SSE	Recorded	4	Projectile	NE to SW	N/K	13-Mar, 02:12
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	13-Mar, 02:29
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	13-Mar, 03:45
2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	13-Mar, 03:46	
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	13-Mar, 03:54	
2-4km SSE	Recorded	3	Projectile	NE to SW	N/K	13-Mar, 03:03	
2-4km SSE	Recorded	5	Projectile	NE to SW	N/K	13-Mar, 03:24	
2-4km SSE	Recorded	1	Projectile	In vertical flight	N/K	13-Mar, 03:24	
2-4km SE	Recorded	2	Projectile	NE to SW	N/K	13-Mar, 04:11	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	50-300m S	Recorded	4	Projectile	WNW to ESE	N/K	12-Mar, 20:06
	50-300m S	Recorded	5	Projectile	WNW to ESE	N/K	12-Mar, 20:07
	400-600m SSW	Recorded	3	Muzzle flash		N/K	12-Mar, 20:07
	300-500m S	Recorded	1	Explosion	Undetermined	N/K	12-Mar, 20:07
	50-300m S	Recorded	1	Projectile	WNW to ESE	N/K	12-Mar, 20:38

¹ The table only includes ceasefire violations directly observed by the SMM 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 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 and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

	200-500m SSW	Recorded	1	Projectile	NW to SE	N/K	12-Mar, 20:43
	200-500m SSW	Recorded	2	Muzzle flash		N/K	12-Mar, 22:53
	1-2km SSW	Recorded	4	Projectile	NNW to SSE	N/K	12-Mar, 23:01
	300-700m SSW	Recorded	1	Illumination flare	In vertical flight	N/K	13-Mar, 01:42
	300-700m SSW	Recorded	1	Projectile	NNW to SSE	N/K	13-Mar, 01:47
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-3km ESE	Recorded	1	Explosion	Undetermined	N/K	13-Mar, 01:18
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-2km N	Recorded	1	Projectile	In vertical flight	N/K	12-Mar, 19:25
	1-2km N	Recorded	1	Projectile	SSW to NNE	N/K	12-Mar, 19:27
	1-2km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	13-Mar, 02:54
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	12-Mar, 21:26
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	13-Mar, 01:20
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	13-Mar, 01:24
	2-4km S	Recorded	2	Projectile	NE to SW	N/K	13-Mar, 01:51
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	13-Mar, 02:05
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	12-Mar, 19:26
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	13-Mar, 18:28
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	7	Shot		Small arms	13-Mar, 09:23-09:27
	2-3km SSW	Heard	1	Shot		Small arms	13-Mar, 10:05
	2-3km SSW	Heard	3	Shot		Small arms	13-Mar, 12:10-12:11
	2-3km SSW	Heard	3	Burst		Small arms	13-Mar, 12:11
	2-3km NW	Heard	4	Explosion	Undetermined	N/K	13-Mar, 12:12
	2-3km NW	Heard	3	Shot		Small arms	13-Mar, 12:12
	2-3km NW	Heard	5	Shot		HMG	13-Mar, 12:16
	2-3km NW	Heard	9	Explosion	Undetermined	N/K	13-Mar, 12:16
	2-3km SSW	Heard	5	Burst		HMG	13-Mar, 12:17
	2-3km NW	Heard	2	Shot		HMG	13-Mar, 12:17
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	13-Mar, 12:18
	2-3km NW	Heard	1	Burst		Small arms	13-Mar, 12:21
	2-3km NW	Heard	5	Shot		HMG	13-Mar, 12:23
	2-3km NW	Heard	5	Explosion	Undetermined	N/K	13-Mar, 12:23
	2-3km SSW	Heard	3	Burst		Small arms	13-Mar, 12:25
	2-3km NW	Heard	3	Explosion	Undetermined	N/K	13-Mar, 12:25
	2-3km SSW	Heard	4	Burst		Small arms	13-Mar, 12:29
	2-3km NW	Heard	6	Shot		HMG	13-Mar, 12:30
	2-3km NW	Heard	5	Explosion	Undetermined	N/K	13-Mar, 12:30
	2km NW	Heard	11	Burst	Outgoing	HMG	13-Mar, 12:35
2-3km SSW	Heard	11	Shot		Small arms	13-Mar, 12:35	
2-3km SSW	Heard	3	Burst		Small arms	13-Mar, 12:36	
3km NW	Heard	6	Shot		Small arms	13-Mar, 12:38	

	2-3km NW	Heard	1	Explosion	Undetermined	N/K	13-Mar, 12:45
	2-3km SSW	Heard	3	Shot		Small arms	13-Mar, 12:45
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	13-Mar, 12:50
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	4-5km E	Heard	1	Explosion	Undetermined	N/K	13-Mar, 12:23-12:33
About 3km S of Sofiivka (non-government-controlled, 40km NE of Donetsk)	2-4km W	Heard	2	Explosion	Undetermined	N/K	13-Mar, 12:24
	2-4km WNW	Heard	8	Explosion	Undetermined	N/K	13-Mar, 12:34-12:35
	2-4km WNW	Heard	2	Explosion	Undetermined	N/K	13-Mar, 12:50-12:51
	2-4km WNW	Heard	4	Explosion	Undetermined	N/K	13-Mar, 12:54-12:57
	2-4km WNW	Heard	1	Explosion	Undetermined	N/K	13-Mar, 13:09
1km NNW of Pyshevyk (government-controlled, 25km NE of Mariupol)	N/K NNE	Heard	1	Explosion	Undetermined	N/K	13-Mar, 10:16
	N/K NNE	Heard	1	Explosion	Undetermined	N/K	13-Mar, 11:35
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	12-Mar, 19:06
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	12-Mar, 19:14
About 1.5km SE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K N	Heard	120	Shot		Small arms	13-Mar, 10:55-11:23
2.5km SSE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K NNE	Heard	4	Burst		Small arms	13-Mar, 12:42-12:46
	N/K NNE	Heard	64	Shot		Small arms	13-Mar, 12:42-12:46
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard	Uncountable	Burst	Uncountable	Small arms	12-Mar, 18:42-18:44
	3-5km SE	Heard	4	Burst		Small arms	12-Mar, 18:52
	3-5km SE	Heard	3	Burst		Small arms	12-Mar, 18:58
	2-4km SW	Heard	4	Shot		Small arms	12-Mar, 19:17
	3-5km SE	Heard	10	Shot		Small arms	12-Mar, 19:27-19:29
	3-5km SE	Heard	5	Shot		Small arms	12-Mar, 19:34
	3-5km SE	Heard	7	Burst		Small arms	12-Mar, 19:35
	4-6km SW	Heard	2	Explosion	Undetermined	N/K	12-Mar, 19:42-19:44
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	12-Mar, 19:47
	3-5km SE	Heard	4	Burst		Small arms	12-Mar, 20:07
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	12-Mar, 20:13
	3-5km SE	Heard	Uncountable	Burst		Small arms	12-Mar, 20:17
	3-5km SE	Heard	4	Shot		Small arms	12-Mar, 20:43
	3-5km SE	Heard	8	Burst		Small arms	12-Mar, 20:54-20:56
3-5km SE	Heard	7	Burst		Small arms	12-Mar, 21:08	

	3-5km SE	Heard	3	Burst		Small arms	12-Mar, 21:21
	3-5km SE	Heard	2	Burst		Small arms	12-Mar, 21:22
	3-5km SE	Heard	2	Shot		Small arms	12-Mar, 21:23
	3-5km SE	Heard	Uncountable	Burst		Small arms	12-Mar, 21:24-21:25
	3-5km SE	Heard	7	Shot		Small arms	12-Mar, 21:26
	3-5km SE	Heard	5	Shot		Small arms	12-Mar, 21:29
	3-5km SE	Heard	9	Shot		Small arms	12-Mar, 21:30
	3-5km SE	Heard	6	Shot		Small arms	12-Mar, 21:31
	3-5km SE	Heard	13	Shot		Small arms	12-Mar, 21:34
	3-5km SE	Heard	5	Burst		Small arms	12-Mar, 21:37
	3km SE	Heard	2	Shot		Small arms	12-Mar, 21:48
	3-5km SE	Heard	Uncountable	Burst		Small arms	12-Mar, 21:49
	3-5km SE	Heard	2	Shot		Small arms	12-Mar, 21:50
	3-5km SE	Heard	10	Shot		Small arms	12-Mar, 21:51
	3-5km SE	Heard	3	Burst		Small arms	12-Mar, 21:52
	3-5km SE	Heard	14	Shot		Small arms	12-Mar, 21:53
	3-5km SE	Heard	5	Shot		Small arms	12-Mar, 21:57
	3-5km SE	Heard	4	Shot		Small arms	12-Mar, 22:13
	3-5km SE	Heard	Uncountable	Burst		Small arms	12-Mar, 22:17
	3-5km SE	Heard	5	Burst		Small arms	12-Mar, 22:18
	3-5km SE	Heard	9	Shot		Small arms	12-Mar, 22:19
	3-5km SE	Heard	6	Shot		Small arms	12-Mar, 22:21
	3-5km SE	Heard	11	Shot		Small arms	12-Mar, 22:25
	3-5km SE	Heard	3	Burst		Small arms	12-Mar, 22:25
	3-5km SE	Heard	14	Shot		Small arms	12-Mar, 22:26
	3-5km SE	Heard	Uncountable	Burst		Small arms	12-Mar, 22:27
	3-5km SE	Heard	3	Burst		Small arms	12-Mar, 22:28
	3-5km SE	Heard	4	Burst		Small arms	12-Mar, 22:34
	3-5km SE	Heard	3	Burst		Small arms	12-Mar, 22:51
	3-5km SE	Heard	13	Shot		Small arms	12-Mar, 22:52
	3-5km SE	Heard	3	Burst		Small arms	12-Mar, 23:00
	3-5km SE	Heard	5	Shot		Small arms	12-Mar, 23:01
	3-5km SE	Heard	1	Burst		Small arms	12-Mar, 23:08
	3-5km SE	Heard	3	Burst		Small arms	12-Mar, 23:14
	3-5km SE	Heard	3	Burst		Small arms	12-Mar, 23:25
	3-5km SE	Heard	7	Shot		Small arms	12-Mar, 23:28
	3-5km SE	Heard	8	Shot		Small arms	12-Mar, 23:32
	3-5km SE	Heard	2	Shot		Small arms	12-Mar, 23:33
	3-5km SE	Heard	2	Burst		Small arms	12-Mar, 23:39
	3-5km SE	Heard	11	Shot		Small arms	12-Mar, 23:41
	3-5km SE	Heard	16	Shot		Small arms	12-Mar, 23:42
	3-5km SE	Heard	9	Shot		Small arms	12-Mar, 23:46
	3-5km SE	Heard	3	Burst		Small arms	12-Mar, 23:46
	3-5km SE	Heard	8	Burst		Small arms	12-Mar, 23:48
	3-5km SE	Heard	1	Burst		Small arms	12-Mar, 23:56
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km S	Heard	8	Burst		HMG	12-Mar, 23:00-23:01
	4-5km S	Heard	2	Explosion	Undetermined	N/K	13-Mar, 05:15
	5-6km N	Heard	7	Explosion	Undetermined	N/K	13-Mar, 11:05
About 4.5km SSW of Novoselivka	3-5km S	Heard	1	Explosion	Undetermined	N/K	13-Mar, 09:49
	3-5km SE	Heard	17	Explosion	Undetermined	N/K	13-Mar, 10:50

Druha (government-controlled, 20km N of Donetsk)							
Novoluhanske (government-controlled, 53km NE of Donetsk)	2-3km W	Heard	2	Burst	Undetermined	Small arms	13-Mar, 10:33
	2-3km W	Heard	3	Shot	Undetermined	Small arms	13-Mar, 10:33
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	13-Mar, 10:56
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	4-6km SSW	Recorded	1	Projectile		N/K	13-Mar, 00:01
	4-6km SSW	Recorded	1	Projectile		N/K	13-Mar, 02:17
	4-6km SSW	Recorded	1	Projectile		N/K	13-Mar, 02:19
	4-6km SSW	Recorded	1	Projectile		N/K	13-Mar, 02:23
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	2-3km SE	Recorded	5	Projectile	NNW to SSE	N/K	12-Mar, 22:21
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km ENE	Recorded	1	Projectile	SW to NE (assessed as outside the disengagement area)	N/K	12-Mar, 19:34
	2-4km SE	Recorded	1	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	12-Mar, 20:00
	1-2km SE	Recorded	1	Projectile	NNW to SSE (unable to assess whether inside or outside the disengagement area)	N/K	12-Mar, 22:54
	2-3km SSE	Recorded	1	Projectile	In vertical flight, assessed as inside the disengagement area	N/K	12-Mar, 23:35
	2-4km E	Recorded	1	Projectile	SSW to NNE (assessed as outside the disengagement area)	N/K	12-Mar, 23:42
	1-2km E	Recorded	5	Projectile	SE to NW (assessed as outside the disengagement area)	N/K	12-Mar, 23:43
	1-2km ESE	Recorded	1	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	13-Mar, 00:18
	1-2km ESE	Recorded	1	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	13-Mar, 00:19
	1-2km ESE	Recorded	2	Projectile	NW to SE	N/K	13-Mar, 00:20

					(assessed as outside the disengagement area)		
	1-2km E	Recorded	2	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	13-Mar, 00:29
	1-2km SE	Recorded	4	Projectile	WNW to ESE (unable to assess whether inside or outside the disengagement area)	N/K	13-Mar, 02:21
	1-2km SE	Recorded	1	Projectile	NE to SW (unable to assess whether inside or outside the disengagement area)	N/K	13-Mar, 02:21
Kirovsk (non-government-controlled, 51km W of Luhansk)	3-7km NNW	Heard	42	Shot		Small arms	13-Mar, 08:58-09:10
	3-7km NNW	Heard	8	Explosion	Undetermined	N/K	13-Mar, 08:58-09:10
2km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	1-2km NW	Heard	25	Shot		Small arms	13-Mar, 09:05-09:10
	1-2km NW	Heard	30	Shot		Small arms	13-Mar, 09:17-09:20
Holubivske (non-government-controlled, 51km W of Luhansk)	2-3km N	Heard	8	Explosion	Undetermined	N/K	13-Mar, 09:45-09:55
Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk)	5-6km NW	Heard	17	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	13-Mar, 09:56-10:10
	5-6km NW	Heard	20	Shot	Assessed as outside the disengagement area	Small arms	13-Mar, 09:56-10:10
	3-4km NW	Heard	22	explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	13-Mar, 10:14-10:29
	3-4km NW	Heard	44	Shot	Unable to assess whether inside or outside the disengagement area	Small arms	13-Mar, 10:14-10:29
	2-4km N	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	13-Mar, 12:57-13:04

					area)		
	2-4km N	Heard	15	Shot	Assessed as outside the disengagement area	Small arms	13-Mar, 12:57-13:04
	2-4km N	Heard	8	Shot	Assessed as outside the disengagement area	Small arms	13-Mar, 13:05
Zolote (government-controlled, 60km W of Luhansk)	4-5km E	Heard	8	Explosion	Impact (assessed as outside the disengagement area)	N/K	13-Mar, 10:01-10:08
Zolote-3/Stakhanovets (government-controlled, 61km W of Luhansk)	3-4km E	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	13-Mar, 12:56-13:14
Orikhove (government-controlled, 57km NW of Luhansk)	7-8km SE	Heard	20	Explosion	Incoming and outgoing	N/K	13-Mar, 10:39-10:50
	7-8km SE		5	Shot and bursts		N/K	13-Mar, 10:39-10:50
Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	6-8km NW	Heard	23	Burst		HMG	13-Mar, 11:04-11:10
Saryi Aidar (government-controlled, 20km NW of Luhansk)	10km NNW	Heard	4	Explosion	Undetermined	N/K	13-Mar, 11:10-11:20
W edge of Shchastia (government-controlled, 20km N of Luhansk)	8-10km SSW	Heard	12	Explosion	Undetermined	N/K	13-Mar, 11:25-11:40
2km NW of Peredilske (government-controlled 24km NW of Luhansk)	10km NE	Heard	5	Explosion	Undetermined	N/K	13-Mar, 12:01

Map of Donetsk and Luhansk regions²



² The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv – as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: forward patrol bases from which SMM staff has temporarily relocated based on recommendations of security experts from participating States as well as SMM security considerations).