

Table of ceasefire violations as of 10 May 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	3-5km SSE	Recorded	4	Projectile	WSW to ENE	N/K	9-May, 20:38
	3-5km SSE	Recorded	12	Projectile	WSW to ENE	N/K	9-May, 20:39
	3-5km SSE	Recorded	17	Projectile	WSW to ENE	N/K	9-May, 20:40
	3-5km SSE	Recorded	14	Projectile	WSW to ENE	N/K	9-May, 20:40
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-May, 20:41
	3-5km SSE	Recorded	20	Projectile	WSW to ENE	N/K	9-May, 20:42
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-May, 20:48
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-May, 20:51
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-May, 20:53
	3-5km SSE	Recorded	1	Muzzle flash		N/K	9-May, 20:53
	3-5km SSE	Recorded	3	Projectile	WSW to ENE	N/K	9-May, 20:54
	3-5km SSE	Recorded	1	Explosion		N/K	9-May, 20:54
	3-5km SSE	Recorded	5	Projectile	WSW to ENE	N/K	9-May, 20:55
	3-5km SSE	Recorded	1	Explosion		N/K	9-May, 20:55
	3-5km SSE	Recorded	4	Projectile	WSW to ENE	N/K	9-May, 20:56
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-May, 20:57
	3-5km SE	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 20:57
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-May, 20:58
	3-5km SE	Recorded	3	Projectile	ENE to WSW	N/K	9-May, 21:50
	3-5km SE	Recorded	3	Projectile	ENE to WSW	N/K	9-May, 21:51
	3-5km SSE	Recorded	25	Projectile	ENE to WSW	N/K	9-May, 22:25
	3-5km SSE	Recorded	9	Projectile	ENE to WSW	N/K	9-May, 22:26
	3-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	9-May, 22:27
	3-5km SSE	Recorded	5	Projectile	ENE to WSW	N/K	9-May, 22:28
	2-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	9-May, 22:46
	2-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	9-May, 22:57
	2-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	9-May, 22:58
	2-5km SSE	Recorded	16	Projectile	WSW to ENE	N/K	9-May, 23:24
	2-5km SSE	Recorded	14	Projectile	WSW to ENE	N/K	9-May, 23:25
	2-5km SSE	Recorded	22	Projectile	WSW to ENE	N/K	9-May, 23:26
	2-5km SSE	Recorded	10	Projectile	WSW to ENE	N/K	9-May, 23:27
	2-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	9-May, 23:28
	2-5km SSE	Recorded	18	Projectile	WSW to ENE	N/K	9-May, 23:28
	2-5km SSE	Recorded	28	Projectile	WSW to ENE	N/K	9-May, 23:29
	2-5km SSE	Recorded	14	Projectile	WSW to ENE	N/K	9-May, 23:30
	2-5km SSE	Recorded	21	Projectile	WSW to ENE	N/K	9-May, 23:31
	2-5km SSE	Recorded	6	Projectile	WSW to ENE	N/K	9-May, 23:32
	4-6km S	Recorded	5	Projectile	ENE to WSW	N/K	9-May, 23:32
	2-5km SSE	Recorded	12	Projectile	WSW to ENE	N/K	9-May, 23:33
	4-6km S	Recorded	2	Projectile	ENE to WSW	N/K	9-May, 23:33
	2-5km SSE	Recorded	7	Projectile	WSW to ENE	N/K	9-May, 23:34
2-5km SSE	Recorded	1	Illumination flare	ESE to WNW	N/K	9-May, 23:36	
2-5km SSE	Recorded	2	Projectile	WSW to ENE	N/K	9-May, 23:42	
2-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	9-May, 23:44	
2-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	9-May, 23:55	
2-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	10-May, 00:01	
2-5km SSE	Recorded	4	Projectile	ENE to WSW	N/K	10-May, 00:08	
2-5km SE	Recorded	1	Projectile	ENE to WSW	N/K	10-May, 00:09	
3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	10-May, 00:52	
2-5km SE	Recorded	1	Projectile	In vertical flight	N/K	10-May, 02:48	

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.

	2-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	10-May, 02:58
	2-5km SE	Recorded	4	Projectile	ENE to WSW	N/K	10-May, 03:01
	2-5km SE	Recorded	4	Projectile	ENE to WSW	N/K	10-May, 03:28
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km S	Recorded	1	Projectile	ESE to WNW	N/K	10-May, 01:55
	0.5-1km S	Recorded	1	Projectile	ESE to WNW	N/K	10-May, 01:57
	0.5-1km SSE	Recorded	2	Muzzle flash		N/K	10-May, 01:57
	0.5-1km S	Recorded	3	Projectile	ESE to WNW	N/K	10-May, 01:58
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	10-May, 01:59
	0.5-1km S	Recorded	2	Projectile	ESE to WNW	N/K	10-May, 01:59
	0.5-1km SSW	Recorded	1	Projectile	NW to SE	N/K	10-May, 02:09
	0.5-1km S	Recorded	7	Projectile	ESE to WNW	N/K	10-May, 02:15
	0.5-1km SSW	Recorded	3	Projectile	WNW to ESE	N/K	10-May, 02:19
	0.5-1km S	Recorded	4	Projectile	E to W	N/K	10-May, 02:19
	0.5-1km S	Recorded	1	Muzzle flash		N/K	10-May, 02:19
	0.5-1km S	Recorded	1	Projectile	NNW to SSE	N/K	10-May, 02:19
	0.5-1km S	Recorded	7	Projectile	E to W	N/K	10-May, 02:20
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	10-May, 02:20
	0.5-1km S	Recorded	1	Projectile	NE to SW	N/K	10-May, 02:20
	0.5-1km SSW	Recorded	1	Projectile	WNW to ESE	N/K	10-May, 02:20
	1-2km S	Recorded	1	Projectile		N/K	10-May, 02:20
	1-2km SSW	Recorded	1	Illumination flare	WNW to ESE	N/K	10-May, 02:40
	0.5-1km S	Recorded	1	Muzzle flash		N/K	10-May, 02:45
	0.5-1km SSW	Recorded	1	Projectile	In vertical flight	N/K	10-May, 02:48
0.5-1km SSW	Recorded	13	Projectile	In vertical flight	N/K	10-May, 02:49	
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km SSE	Recorded	4	Projectile	ENE to WSW	N/K	9-May, 22:02
	3-5km SSE	Recorded	4	Projectile	ENE to WSW	N/K	9-May, 22:02
	3-5km SSE	Recorded	3	Projectile		N/K	9-May, 22:07
	3-5km SSE	Recorded	6	Projectile	In vertical flight	N/K	9-May, 22:07
	3-5km SSE	Recorded	6	Projectile	ENE to WSW	N/K	9-May, 22:11
	3-5km SSE	Recorded	7	Projectile	In vertical flight	N/K	9-May, 22:12
	3-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	9-May, 22:12
	3-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	9-May, 22:13
	3-5km SSE	Recorded	1	Burst	In vertical flight	N/K	9-May, 22:16
	3-5km SSE	Recorded	1	Burst	In vertical flight	N/K	9-May, 22:17
	3-5km SSE	Recorded	5	Projectile	ENE to WSW	N/K	9-May, 23:32
	3-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	9-May, 23:33
	3-5km SSE	Recorded	7	Projectile	ENE to WSW	N/K	9-May, 23:37
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	10-May, 03:41
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km ENE	Recorded	1	Projectile	ENE to WSW	N/K	9-May, 21:16
	3-4km E	Recorded	1	Explosion	Undetermined	N/K	9-May, 21:48
	3-4km E	Recorded	1	Explosion	Undetermined	N/K	9-May, 22:38
	3-6km E	Recorded	1	Explosion	Undetermined	N/K	10-May, 00:01
	3-6km E	Recorded	1	Explosion	Undetermined	N/K	10-May, 00:21
	3-6km E	Recorded	2	Explosion	Undetermined	N/K	10-May, 00:22
	3-6km E	Recorded	1	Explosion	Undetermined	N/K	10-May, 00:24
3-6km E	Recorded	1	Explosion	Undetermined	N/K	10-May, 00:32	
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-2km N	Recorded	1	Projectile	SE to NW	N/K	10-May, 03:03
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 20:31
	3-5km SSE	Recorded	2	Projectile	E to W	N/K	9-May, 21:59
	3-5km SSE	Recorded	2	Projectile	W to E	N/K	9-May, 21:59
	5-7km S	Recorded	4	Projectile	In vertical flight	N/K	9-May, 22:02
	3-5km S	Recorded	7	Projectile	In vertical flight	N/K	9-May, 22:03
	5-7km S	Recorded	3	Burst	In vertical flight	N/K	9-May, 22:03
	3-5km S	Recorded	14	Projectile	In vertical flight	N/K	9-May, 22:05
	3-5km S	Recorded	7	Projectile	In vertical flight	N/K	9-May, 22:06
	3-5km SSE	Recorded	1	Projectile	E to W	N/K	9-May, 22:10
3-5km S	Recorded	3	Projectile	E to W	N/K	9-May, 22:10	

	5-7km S	Recorded	3	Projectile	E to W	N/K	9-May, 22:11
	5-7km S	Recorded	18	Projectile	In vertical flight	N/K	9-May, 22:12
	5-7km S	Recorded	1	Burst	In vertical flight	N/K	9-May, 22:16
	5-7km S	Recorded	1	Burst	In vertical flight	N/K	9-May, 22:17
	3-5km SSE	Recorded	6	Projectile	W to E	N/K	9-May, 22:19
	3-5km SSE	Recorded	1	Projectile	E to W	N/K	9-May, 22:19
	3-5km SSE	Recorded	1	Projectile	E to W	N/K	9-May, 22:23
	3-5km SSE	Recorded	1	Projectile	NW to SE	N/K	9-May, 22:24
	3-5km SSE	Recorded	2	Projectile	E to W	N/K	9-May, 22:27
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 22:32
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	9-May, 22:33
	3-5km S	Recorded	8	Projectile	E to W	N/K	9-May, 22:35
	3-5km S	Recorded	2	Projectile	E to W	N/K	9-May, 22:40
	2-4km SSE	Recorded	2	Projectile	In vertical flight	N/K	9-May, 23:11
	2-4km S	Recorded	2	Projectile	E to W	N/K	9-May, 23:45
	2-4km SSE	Recorded	7	Projectile	E to W	N/K	9-May, 23:46
	2-4km SSE	Recorded	3	Projectile	E to W	N/K	9-May, 23:52
	2-4km S	Recorded	4	Projectile	E to W	N/K	9-May, 23:56
	3-5km S	Recorded	4	Projectile	E to W	N/K	10-May, 00:11
	3-5km S	Recorded	1	Projectile	W to E	N/K	10-May, 00:11
	3-5km S	Recorded	2	Projectile	E to W	N/K	10-May, 00:12
	3-5km S	Recorded	1	Projectile	E to W	N/K	10-May, 00:13
	3-5km S	Recorded	3	Projectile	E to W	N/K	10-May, 00:14
	3-5km S	Recorded	3	Projectile	E to W	N/K	10-May, 00:15
	3-5km SSE	Recorded	2	Projectile	E to W	N/K	10-May, 00:22
	3-5km S	Recorded	4	Projectile	E to W	N/K	10-May, 00:24
	3-5km S	Recorded	2	Projectile	E to W	N/K	10-May, 00:24
	3-5km S	Recorded	1	Burst	In vertical flight	N/K	10-May, 00:56
	3-5km S	Recorded	1	Burst	In vertical flight	N/K	10-May, 00:56
	3-5km SSE	Recorded	1	Projectile	E to W	N/K	10-May, 01:56
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km E	Recorded	1	Explosion	Undetermined	N/K	9-May, 23:59
About 1.5km NW of Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1.5-2km SW	Heard	30	Shot		Small arms	10-May, 08:50-09:00
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km S	Heard	2	Explosion	Undetermined	N/K	10-May, 09:20
	2km N	Heard	1	Explosion	Undetermined	N/K	10-May, 09:22
	1.5km SW	Heard		Shot	Uncountable, overlapping	Small arms	10-May, 09:55-10:10
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km W	Heard	18	Shot		Small arms	10-May, 12:45-12:52
	1-2km W	Heard	22	Shot		Small arms	10-May, 13:35-13:55
	1-2km W	Heard	14	Shot		Small arms	10-May, 14:29-14:32
Marinka (government-controlled,	3-4km E	Heard	1	Explosion	Undetermined	N/K	10-May, 09:14

23km SW of Donetsk)							
SE edge of Avdiivka (government-controlled, 17km N of Donetsk city centre)	2-3km S	Heard	2	Explosion	Undetermined	N/K	10-May, 09:20
	500m SE	Heard		Shot	Uncountable, overlapping	Small arms	10-May, 09:45-10:00
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	1.5-2km W	Heard	4	Shot		Small arms	10-May, 10:37
	1.5-2km W	Heard	5	Shot		Small arms	10-May, 10:40
	4-5km SW	Heard	4	Explosion	Undetermined	N/K	10-May, 11:16-11:20
	1-1.5km W	Heard	10	Shot		Small arms	10-May, 11:20-11:30
Donetsk central railway station (non-government-controlled, 6km NW of Donetsk city centre)	2km WSW	Heard	5	Burst		Small arms	10-May, 10:03
	2.5-3km N	Heard	15	Burst		HMG	10-May, 11:47
About 3km WSW of Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	3-4km N	Heard	1	Explosion	Undetermined	N/K	10-May, 12:13
Trudivski area (non-government-controlled, 15km SW of Donetsk city centre)	800m WSW	Heard	6	Explosion	Outgoing	N/K	10-May, 14:45-14:55
	800m NW	Heard	6	Explosion	Assessed as subsequent impacts of the above outgoing explosions	N/K	10-May, 14:45-14:55
	2km WSW	Heard	30	Burst		Small arms	10-May, 14:57-15:03
	2km WSW	Heard	3	Explosion	Undetermined	N/K	10-May, 15:03-15:09
	2km WSW	Heard	22	Burst		Small arms	10-May, 15:12
	2km WSW	Heard	7	Explosion	Undetermined	N/K	10-May, 15:12-15:21
	2km WSW	Heard	4	Burst		Small arms	10-May, 15:21
	2km WSW	Heard	1	Explosion	Undetermined	N/K	10-May, 15:43
1km NNW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	N/K SSE	Heard	1	Explosion	Undetermined	N/K	10-May, 10:39
2km SW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	N/K SE	Heard	4	Shot		Small arms	10-May, 10:53
2km S of Zaichenko (non-government-	N/K SW	Heard	53	Shot		Small arms	10-May, 12:20-12:29

controlled, 26km NE of Mariupol)							
Pikuzy (formerly Kominternove, non-government-controlled, 23km NE of Mariupol)	N/K SSE	Heard	22	Shot		Small arms	10-May, 12:28
	N/K SSE	Heard	7	Burst		Small arms	10-May, 12:28
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km SW	Heard	1	Explosion	Undetermined	N/K	9-May, 22:50
	3-5km NW	Heard	3	Burst		HMG	9-May, 23:32
	3-5km NW	Heard	1	Explosion	Undetermined	N/K	9-May, 23:37
	2-5km NW	Heard	1	Burst		HMG	9-May, 23:39
	3-5km W	Heard	2	Burst		HMG	10-May, 01:13
	3-5km W	Heard	4	Burst		HMG	10-May, 03:52-03:55
	3-5km SW	Heard	12	Explosion	Undetermined	N/K	10-May, 07:15-07:17
	3-5km SW	Heard	5	Explosion	Undetermined	N/K	10-May, 07:20
	3-5km SW	Heard	11	Explosion	Undetermined	N/K	10-May, 07:24-07:26
	3-5km SW	Heard	5	Burst		HMG	10-May, 07:24
	3-5km SW	Heard	3	Explosion	Undetermined	N/K	10-May, 07:28
	3-5km SW	Heard	3	Explosion	Undetermined	N/K	10-May, 08:01
	5-6km SW	Heard	3	Explosion	Undetermined	N/K	10-May, 17:47
	5-6km SW	Heard	19	Explosion	Undetermined	Small arms	10-May, 18:15-18:29
About 2km SE of Pidhorodne (government-controlled, 73km N of Donetsk)	4-6km ENE	Heard	14	Explosion	Undetermined	N/K	10-May, 08:23-08:25
About 2km SSE of Kamianka (government-controlled, 20km N of Donetsk)	1-2km E	Heard		Shot and burst	Uncountable, overlapping	Small arms	10-May, 08:48-08:50
	1-2km E	Heard	2	Explosion	Undetermined	N/K	10-May, 09:16-09:17
	3-4km E	Heard	1	Explosion	Undetermined	N/K	10-May, 09:19
	1-2km E	Heard		Shot and burst	Uncountable, overlapping	Small arms	10-May, 09:51-10:03
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-5km SSW	Recorded	3	Projectile	ESE to WNW	N/K	10-May, 00:21
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	3-4km E	Recorded	1	Explosion	Undetermined	N/K	10-May, 00:20
	3-4km E	Recorded	2	Explosion	Undetermined	N/K	10-May, 00:22
	3-4km E	Recorded	1	Explosion	Undetermined	N/K	10-May, 00:24
	3-4km E	Recorded	1	Explosion	Undetermined	N/K	10-May, 00:30
	3-4km E	Recorded	1	Explosion	Undetermined	N/K	10-May, 00:32
	3-4km E	Recorded	1	Explosion	Undetermined	N/K	10-May, 00:33
	3-4km E	Recorded	1	Explosion	Undetermined	N/K	10-May, 00:44
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km ENE	Recorded	2	Explosion	In vertical flight (assessed as outside the disengagement area)	N/K	9-May, 21:01
	2-4km E	Recorded	1	Explosion	Undetermined (assessed as outside the	N/K	9-May, 21:19

					disengagement area)		
	4-6km S	Recorded	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	9-May, 21:33
	4-6km S	Recorded	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	9-May, 21:34
	1-2km ESE	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	9-May, 23:18
	1-2km ESE	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-May, 00:04
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	8-10km WSW	Heard	18	Explosion	Undetermined	N/K	9-May, 21:00-21:10
Kadiivka (non-government-controlled, formerly Stakhanov, 50km W of Luhansk)	5-10km WSW	Heard	201	Explosion	Impact and outgoing	Artillery (type N/K)	10-May, 06:00-07:15
	3-5km W	Heard	30	Burst		HMG	10-May, 07:15-07:20
	5-10km WSW	Heard	25	Explosion	Impact and outgoing	Artillery (type N/K)	10-May, 07:50-08:20
N edge of Popasna (government-controlled, 69km W of Luhansk)	2-6km ESE	Heard	377	Explosion	Undetermined	Artillery (type N/K)	10-May, 06:41-07:45
	2-4km ESE	Heard	4	Explosion	Outgoing	Mortar (type N/K)	10-May, 06:41-07:45
	2-4km ESE	Heard	53	Burst		HMG	10-May, 06:41-07:45
	2-4km ESE	Heard	15	Shot		N/K	10-May, 06:41-07:45
	3-5km SW	Heard	12	Explosion	Outgoing	Artillery (type N/K)	10-May, 08:12-08:30
	8-12km S	Heard	9	Explosion	Undetermined	N/K	10-May, 08:23-08:30
	3-4km SW	Heard	11	Explosion	Outgoing	Artillery (type N/K)	10-May, 08:31-08:50
	8-10km SSW	Heard	24	Explosion	Undetermined	N/K	10-May, 08:31-08:50
	8-12km SE	Heard	14	Explosion	Undetermined	N/K	10-May, 08:31-08:50
	13-15km NW	Heard	5	Explosion	Undetermined	N/K	10-May, 12:30-12:55
N edge of the disengagement area near Zolote (government-controlled,	5-7km SW	Heard	1	Explosion	Undetermined	N/K	10-May, 10:04

60km W of Luhansk							
S edge of the disengagement area near Zolote (government-controlled, 60km W of Luhansk)	3-5km NE	Heard	4	Explosion	Undetermined	N/K	10-May, 10:54-10:55
Kalynove (non-government-controlled, 60km W of Luhansk)	4-8km SW	Heard	2	Explosion	Undetermined	N/K	10-May, 10:05

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).