

Table of ceasefire violations as of 19 May 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	17-May, 22:06
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	17-May, 22:31
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	17-May, 22:51
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	17-May, 23:56
	2-4km SE	Recorded	1	Muzzle flash		N/K	18-May, 01:11
	2-4km SE	Recorded	5	Muzzle flash			18-May, 01:12
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	18-May, 01:12
	2-4km SE	Recorded	10	Projectile	ENE to WSW	N/K	18-May, 01:13
	2-4km SE	Recorded	14	Projectile	ENE to WSW	N/K	18-May, 01:14
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-May, 01:16
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-May, 01:20
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-May, 01:39
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	18-May, 01:53
	2-4km SE	Recorded	7	Projectile	ENE to WSW	N/K	18-May, 01:54
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	18-May, 01:55
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	18-May, 02:04
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	18-May, 02:11
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	18-May, 02:12
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	18-May, 02:14
	2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	18-May, 02:16
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-May, 02:21
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-May, 02:23
	2-4km SE	Recorded	12	Projectile	ENE to WSW	N/K	18-May, 02:24
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-May, 02:25
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-May, 02:32
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-May, 02:33
	2-4km SE	Recorded	7	Projectile	ENE to WSW	N/K	18-May, 02:41
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	18-May, 02:42
	2-4km SE	Recorded	8	Projectile	ENE to WSW	N/K	18-May, 02:43
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	18-May, 02:54
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-May, 03:29	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.75-1.5km SW	Recorded	2	Projectile	W to E	N/K	18-May, 01:27
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	18-May, 00:52
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	1km SE	Heard	1	Explosion	Outgoing	N/K	18-May, 09:02
Zaichenko (non-government-	3-4km SW	Saw	3	explosion	Undetermined	N/K	18-May, 11:40-11:42

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.

controlled, 26km NE of Mariupol							
Lebedynske (government- controlled, 16km NE of Mariupol)	1-2km E	Heard	8	Explosion	Outgoing	N/K	18-May, 11:40-11:42
	3-4km E	Heard	4	Explosion	Impact	N/K	18-May, 11:40-11:42
About 2Km N of Kamianka (government- controlled, 20km N of Donetsk)	0.8-1km E	Heard	2	Burst		HMG	18-May, 08:42
About 2km W of Novoselivka Druha (government- controlled, 23km N of Donetsk)	5-6km S	Heard	2	Explosion	Undetermined	N/K	18-May, 09:53
Horlivka FPB (non- government- controlled, 39km NE of Donetsk)	4-5km NW	Heard	1	Explosion	Undetermined	N/K	18-May, 17:20
	4-5km SW	Heard	3	Explosion	Undetermined	N/K	18-May, 17:30-17:32
SMM camera in Zolote (government- controlled, 60km W of Luhansk)	1-3km ENE	Recorded	2	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	17-May, 21:39
	2-3km SE	Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area)	N/K	18-May, 00:12
N edge of Popasna (government- controlled, 69km west of Luhansk)	3-5km SE	Heard	90	Burst		HMG	17-May, 21:07-22:30
	3-5km SE	Heard	60	Burst		Small arms	17-May, 21:07-22:30
	5-8km S	Heard	2	Explosion	Undetermined	N/K	17-May, 22:15-22:30
	3-5km SE	Heard	50	Burst		HMG	18-May, 00:26-01:30
	3-5km SE	Heard	40	Burst		Small arms	18-May, 00:26-01:30
	3-5km SE	Heard	5	Explosion	Undetermined	N/K	18-May, 00:57-01:30
	7-10km SE	Heard	4	Explosion	Undetermined	N/K	18-May, 04:09
Kadiivka (formerly Stakhanov, non- government- controlled, 50km W of Luhansk)	2-5km NNE	Heard	20	Explosion	Outgoing	Artillery (type N/K)	18-May, 06:35-07:15
Zolote- 5/Mykhailivka (non- government- controlled, 58km W of Luhansk)	1-2km NNW	Heard	3	Burst	Assessed as outside the disengagement area	Small arms	18-May, 11:05
SMM camera in Chermalyk	2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	18-May, 20:34
	2-4km SSE	Recorded	4	Projectile	NNE to SSW	N/K	18-May, 20:51

(government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	9	Projectile	NNE to SSW	N/K	18-May, 20:52
	2-4km SSE	Recorded	8	Projectile	NNE to SSW	N/K	18-May, 20:53
	2-4km SSE	Recorded	7	Projectile	NE to SW	N/K	18-May, 22:13
	2-4km SSE	Recorded	3	Projectile	SW to NE	N/K	18-May, 22:19
	2-4km SE	Recorded	3	Burst	In vertical flight	N/K	18-May, 22:23
	2-4km SE	Recorded	8	Burst	In vertical flight	N/K	18-May, 22:24
	2-4km SE	Recorded	3	Burst	In vertical flight	N/K	18-May, 22:25
	1-3km SE	Recorded	4	Projectile	NE to SW	N/K	18-May, 22:25
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	18-May, 22:26
	3-5km SSE	Recorded	7	Projectile	W to E	N/K	18-May, 22:39
	3-5km SSE	Recorded	8	Projectile	W to E	N/K	18-May, 22:42
	3-5km SSE	Recorded	3	Projectile	W to E	N/K	18-May, 22:43
	3-5km SSE	Recorded	15	Projectile	W to E	N/K	18-May, 22:44
	3-5km SSE	Recorded	20	Projectile	W to E	N/K	18-May, 22:45
	3-5km SSE	Recorded	14	Projectile	W to E	N/K	18-May, 22:46
	3-5km SSE	Recorded	5	Projectile	W to E	N/K	18-May, 22:47
	3-5km SSE	Recorded	7	Projectile	W to E	N/K	18-May, 22:48
	3-5km SSE	Recorded	1	Projectile	WNW to ESE	N/K	18-May, 22:55
	3-5km S	Recorded	6	Projectile	W to E	N/K	18-May, 23:02
	3-5km S	Recorded	4	Projectile	W to E	N/K	18-May, 23:04
	3-5km S	Recorded	2	Projectile	W to E	N/K	18-May, 23:05
	3-5km S	Recorded	15	Projectile	W to E	N/K	18-May, 23:06
	3-5km S	Recorded	14	Projectile	W to E	N/K	18-May, 23:07
	3-5km S	Recorded	1	Projectile	W to E	N/K	18-May, 23:09
	0.5-1km SSW	Recorded	1	Projectile	NW to SE	N/K	18-May, 23:11
	3-5km S	Recorded	3	Projectile	W to E	N/K	18-May, 23:28
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	18-May, 23:42
	3-5km S	Recorded	1	Projectile	ENE to WSW	N/K	18-May, 23:50
	2-4km SE	Recorded	18	Projectile	SW to NE	N/K	19-May, 00:01
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	19-May, 00:01
	2-4km SE	Recorded	11	Projectile	SW to NE	N/K	19-May, 00:02
	2-4km SSE	Recorded	4	Projectile	NE to SW	N/K	19-May, 00:04
	2-4km SE	Recorded	2	Projectile	NE to SW	N/K	19-May, 01:32
2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	19-May, 02:17	
2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	19-May, 02:44	
2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	19-May, 03:04	
1-3km SE	Recorded	9	Projectile	NE to SW	N/K	19-May, 03:13	
1-3km SE	Recorded	4	Projectile	NE to SW	N/K	19-May, 03:14	
2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	19-May, 03:52	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	9	Projectile	WNW to ESE	N/K	18-May, 21:04
	1-2km SSW	Recorded	7	Projectile	WNW to ESE	N/K	18-May, 21:22
	2-4km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	18-May, 21:40
	1-2km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	18-May, 22:01
	2-3km SSW	Recorded	1	Projectile	SE to NW	N/K	18-May, 22:01
	1-2km SSW	Recorded	3	Projectile	NW to SE	N/K	18-May, 23:01
	2-3km SSW	Recorded	2	Projectile	SE to NW	N/K	18-May, 23:06
	1-2km SSW	Recorded	6	Projectile	WNW to ESE	N/K	19-May, 01:34
	0.7-1.5km S	Recorded	2	Projectile	W to E	N/K	19-May, 03:03
	0.7-1.5km S	Recorded	1	Projectile	W to E	N/K	19-May, 03:04
0.5-2km SSW	Recorded	9	Projectile	NW to SE	N/K	19-May, 04:02	
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of	3-5km E	Recorded	9	Projectile	N to S	N/K	18-May, 22:19
	3-5km E	Recorded	7	Projectile	N to S	N/K	18-May, 22:39
	3-5km E	Recorded	16	Projectile	N to S	N/K	18-May, 22:44
	3-5km E	Recorded	13	Projectile	N to S	N/K	18-May, 22:45
	3-5km E	Recorded	11	Projectile	N to S	N/K	18-May, 22:46
	3-5km E	Recorded	6	Projectile	N to S	N/K	18-May, 22:47

Mariupol)	3-5km E	Recorded	5	Projectile	N to S	N/K	18-May, 22:48
	3-5km E	Recorded	7	Projectile	N to S	N/K	18-May, 23:06
	3-5km E	Recorded	6	Projectile	N to S	N/K	18-May, 23:07
	3-5km E	Recorded	1	Projectile	N to S	N/K	18-May, 23:27
	3-5km E	Recorded	9	Projectile	N to S	N/K	18-May, 23:28
	3-5km ESE	Recorded	3	Explosion	Undetermined	N/K	19-May, 01:41
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	19-May, 01:56
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	0.5-2km SSE	Recorded	2	Projectile	NW to SE	N/K	19-May, 02:18
	1-3km SSE	Recorded	3	Projectile	WNW to ESE	N/K	19-May, 03:09
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	3-6km NE	Recorded	1	Projectile	NW to SE	N/K	18-May, 22:55
	3-6km NE	Recorded	1	Projectile	NW to SE	N/K	18-May, 23:07
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	18-May, 23:27
	3-6km NE	Recorded	2	Projectile	N to S	N/K	18-May, 23:29
	3-6km NE	Recorded	4	Explosion	Undetermined	N/K	18-May, 23:38
	3-6km NE	Recorded	1	Projectile	SE to NW	N/K	18-May, 23:50
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	3-6km NE	Recorded	18	Explosion	Undetermined	N/K	18-May, 20:25
	3-6km NE	Recorded	1	Projectile	NW to SE	N/K	18-May, 20:25
	3-6km NE	Recorded	1	Explosion	Impact	N/K	18-May, 20:25
	3-6km NE	Recorded	1	Projectile	SE to NW	N/K	18-May, 20:25
	3-6km NE	Recorded	1	Explosion	Impact	N/K	18-May, 20:25
	3-6km NNE	Recorded	1	Explosion	Undetermined	N/K	18-May, 20:25
	3-6km NE	Recorded	1	Muzzle flash		N/K	18-May, 20:25
	3-6km NE	Recorded	1	Explosion	Impact	N/K	18-May, 20:25
	4-7km NE	Recorded	2	Projectile	NW to SE	N/K	18-May, 20:25
	3-6km NE	Recorded	1	Muzzle flash		N/K	18-May, 20:25
	3-6km NE	Recorded	1	Explosion	Impact	N/K	18-May, 20:25
	3-6km NE	Recorded	11	Explosion	Undetermined	N/K	18-May, 20:26
	3-5km NE	Recorded	1	Projectile	SSE to NNW	N/K	18-May, 20:26
	4-7km NE	Recorded	1	Projectile	NW to SE	N/K	18-May, 20:26
	3-6km NE	Recorded	1	Muzzle flash		N/K	18-May, 20:26
	3-6km NE	Recorded	1	Explosion	Impact	N/K	18-May, 20:26
	1-3km NE	Recorded	29	Explosion	Undetermined	N/K	18-May, 20:27
	3-6km NE	Recorded	2	Projectile	NW to SE	N/K	18-May, 20:27
		3-6km NE	Recorded	1	Projectile	W to E	N/K
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km SSE	Recorded	1	Explosion	Undetermined. Airburst	N/K	18-May, 23:38
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	18-May, 23:50
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	19-May, 01:37
	3-5km S	Recorded	1	Projectile	W to E	N/K	19-May, 01:48
	3-5km S	Recorded	3	Projectile	E to W	N/K	19-May, 02:26
	3-5km S	Recorded	1	Projectile	E to W	N/K	19-May, 02:27
	3-5km S	Recorded	5	Projectile	E to W	N/K	19-May, 03:09
	3-5km S	Recorded	9	Projectile	In vertical flight	N/K	19-May, 03:14
	3-5km S	Recorded	13	Projectile	In vertical flight	N/K	19-May, 03:15
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km NW	Heard	5	Burst		Small arms	19-May, 09:38
	2-3km SW	Heard	63	Shot		HMG	19-May, 10:58
Yasynuvata Railway station (non-government-controlled, 16km NE of	1-2km NW	Heard	12	Burst		Small arms	19-May, 14:19

Donetsk)							
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km NE	Heard	1	Explosion	Undetermined	N/K	19-May, 10:14
	2-3km SSE	Heard	24	Burst	Assessed as training range	Small arms	19-May, 10:59-11:03
	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	19-May, 11:43
	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	19-May, 11:53
About 6.5km NW of Donetsk city centre (non-government-controlled)	2-3km N	Heard	1	Explosion	Undetermined	N/K	19-May, 11:20
2km NE of Chernenko (government-controlled, 21km NE of Mariupol)	1-3km E	Heard	3	Shot		Small arms	19-May, 10:45
Berdianske (government-controlled, 18km E of Mariupol)	1-2km E	Heard	6	Shot		Small arms	19-May, 13:45
Horlivka (non-government-controlled, 39km NE of Donetsk)	8-10km SW	Heard	90	Explosion	Undetermined	N/K	19-May, 06:10-06:45
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km S	Recorded	1	Burst	In vertical flight (assessed as outside the disengagement area)	N/K	19-May, 03:05
N edge of Popasna (government-controlled, 69km W of Luhansk)	3-6km SE	Heard	75	Burst		HMG	18-May, 19:57-20:10
	3-6km SE	Heard	20	Shot		HMG	18-May, 19:57-20:10
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	5-6km SW	Heard	1	Explosion	Undetermined	N/K	20-May, 03:21
SW edge of Zhovte (non-government-controlled, 17km NW of Luhansk)	2-3km NNW	Heard	2	Explosion	Undetermined	N/K	20-May, 10:28
N edge of the Zolote disengagement area (government-controlled, 60km W of Luhansk)	2-3km E	Heard	8	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	20-May, 10:32-10:33
	100m ESE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	20-May, 10:32-10:33
N edge of Zolote (government-	1-2km ESE	Heard	23	Explosion	Undetermined (assessed as outside the	N/K	20-May, 10:38-10:55

controlled, 60km W of Luhansk)					disengagement area)		
3km NE of Pervomaisk (non- government- controlled, 58km W of Luhansk)	1-3km NNW	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	20-May, 10:55-10:59
	1-2km N	Heard	5	Shot	Assessed as outside the disengagement area	HMG	20-May, 10:55-10:59
Molodizhne (non- government- controlled, 63km NW of Luhansk)	1-1.5km NNW	Heard	2	Explosion	Undetermined	N/K	20-May, 12:56-13:02
	1-1.5km N	Heard	5	Shot		HMG	20-May, 12:56-13:02
N edge of Kalynove- Borshchuvate (non- government- controlled, 61km W of Luhansk)	3-5km NW	Heard	1	Explosion	Undetermined	N/K	20-May, 13:16-13:32

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).