

Table of ceasefire violations as of 17 May 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	1-2km SE	Recorded	2	Projectile	NE to SW	N/K	17-May, 10:29
	5-8km SSE	Recorded	1	Explosion	Undetermined	N/K	16-May, 20:28
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-May, 20:54
	5-8km SSE	Recorded	1	Explosion	Undetermined	N/K	16-May, 20:56
	5-8km SSE	Recorded	1	Explosion	Undetermined	N/K	16-May, 20:57
	3-5km SSE	Recorded	7	Projectile	ENE to WSW	N/K	16-May, 21:06
	3-5km SSE	Recorded	4	Projectile	ENE to WSW	N/K	16-May, 21:08
	3-5km SSE	Recorded	11	Projectile	ENE to WSW	N/K	16-May, 21:09
	1-2km SSE	Recorded	4	Projectile	WNW to ESE	N/K	16-May, 21:51
	3-5km SSE	Recorded	2	Projectile	WSW to ENE	N/K	16-May, 21:53
	3-5km SSE	Recorded	4	Projectile	WSW to ENE	N/K	16-May, 21:54
	3-5km SSE	Recorded	4	Projectile	WSW to ENE	N/K	16-May, 21:56
	5-8km SSE	Recorded	1	Explosion	Undetermined	N/K	16-May, 21:58
	3-5km SSE	Recorded	3	Projectile	ENE to WSW	N/K	16-May, 23:01
	9-11km SSE	Recorded	1	Projectile	NNE to SSW	N/K	16-May, 23:07
	9-11km SSE	Recorded	1	Explosion	Undetermined	N/K	16-May, 23:07
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	16-May, 23:08
	3-5km SSE	Recorded	5	Projectile	NE to SW	N/K	16-May, 23:10
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	16-May, 23:13
	3-5km SSE	Recorded	3	Projectile	ENE to WSW	N/K	16-May, 23:17
	3-5km SSE	Recorded	5	Projectile	ENE to WSW	N/K	16-May, 23:21
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-May, 23:23
	3-5km SSE	Recorded	3	Projectile	ENE to WSW	N/K	16-May, 23:28
	3-5km SSE	Recorded	3	Projectile	ENE to WSW	N/K	16-May, 23:46
	1-3km SE	Recorded	1	Projectile	NW to SE	N/K	17-May, 00:47
	9-11km S	Recorded	2	Projectile	WSW to ENE	N/K	17-May, 01:18
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	17-May, 01:24
	3-5km SSE	Recorded	5	Projectile	ENE to WSW	N/K	17-May, 01:28
	3-5km SE	Recorded	13	Projectile	WSW to ENE	N/K	17-May, 01:42
	3-5km SE	Recorded	28	Projectile	WSW to ENE	N/K	17-May, 01:43
	1-3km S	Recorded	1	Projectile	W to E	N/K	17-May, 01:44
	9-11km SSE	Recorded	1	Projectile	NNW to SSE	N/K	17-May, 02:10
	9-11km SSE	Recorded	3	Projectile	N to S	N/K	17-May, 02:11
	9-11km SSE	Recorded	2	Projectile	NNW to SSE	N/K	17-May, 02:12
	9-11km SSE	Recorded	2	Projectile	N to S	N/K	17-May, 02:13
9-11km SSE	Recorded	1	Projectile	N to S	N/K	17-May, 02:14	
3-5km SSE	Recorded	3	Projectile	ENE to WSW	N/K	17-May, 23:46	
0.3-1km S	Recorded	1	Projectile	SSE to NNW	N/K	16-May, 20:56	

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.

SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.7-1km S	Recorded	9	Projectile	E to W	N/K	16-May, 20:59
	0.7-1km S	Recorded	2	Projectile	E to W	N/K	16-May, 21:03
	0.3-1km S	Recorded	1	Projectile	S to N	N/K	16-May, 21:04
	0.3-1km S	Recorded	1	Projectile	WSW to ENE	N/K	16-May, 21:04
	0.3-1km S	Recorded	3	Projectile	S to N	N/K	16-May, 21:05
	0.7-1km S	Recorded	2	Projectile	ENE to WSW	N/K	16-May, 21:05
	0.3-1km S	Recorded	2	Projectile	SSE to NNW	N/K	16-May, 21:06
	0.5-1km S	Recorded	10	Projectile	W to E	N/K	16-May, 21:07
	0.5-1km S	Recorded	1	Explosion	Impact	N/K	16-May, 21:07
	0.3-1km S	Recorded	3	Projectile	NW to SE	N/K	16-May, 21:07
	0.3-1km S	Recorded	1	Projectile	SSE to NNW	N/K	16-May, 21:07
	0.3-1km SSW	Recorded	2	Projectile	WNW to ESE	N/K	16-May, 21:08
	0.5-1km SSW	Recorded	7	Projectile	W to E	N/K	16-May, 21:08
	0.5-1km S	Recorded	1	Explosion	Impact	N/K	16-May, 21:08
	0.5-1km SSW	Recorded	1	Projectile	SSE to NNW	N/K	16-May, 21:12
	0.3-1km SSW	Recorded	2	Projectile	NW to SE	N/K	17-May, 02:53
	0.5-1km SSW	Recorded	2	Projectile	WNW to ESE	N/K	17-May, 02:57
	SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	4-6km E	Recorded	1	Muzzle flash		N/K
4-6km E		Recorded	1	Explosion	Undetermined	N/K	16-May, 23:13
4-6km E		Recorded	3	Projectile	N to S	N/K	17-May, 02:11
4-6km E		Recorded	2	Projectile	N to S	N/K	17-May, 02:12
4-6km E		Recorded	2	Projectile	N to S	N/K	17-May, 02:13
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)							
	1-3km SSE	Recorded	3	Projectile	ENE to WSW	N/K	16-May, 23:03
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km SE	Heard	1	Explosion	Undetermined	N/K	17-May, 09:50
	2-3km SE	Heard	7	Explosion	Undetermined	N/K	17-May, 12:23-12:35
	2-3km SE	Heard	4	Burst		HMG	17-May, 12:23-12:35
	1-2km SE	Heard	1	Explosion	Undetermined	N/K	17-May, 15:10
About 2.4km NE of Proletarskyi district (non-government-controlled, 13km SE of Donetsk city centre)							
	2-3km NNE	Heard	71	Shot		HMG	17-May, 09:53-10:47
Trudivski area (non-government-controlled, 15km SW of Donetsk city centre)	1-2km NW	Heard	1	Explosion	Undetermined	N/K	17-May, 12:21
About 1km NW of the railway station in Yasynuvata	1-2km SW	Heard	1	Explosion	Undetermined	N/K	17-May, 12:34
	2-3km NNW	Heard	3	Explosion	Undetermined	N/K	17-May, 09:28-09:52
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	17-May, 09:31
	2-3km WSW	Heard	1	Explosion	Undetermined	N/K	17-May, 09:49

(non-government-controlled, 16km NE of Donetsk)							
Hnutove (government-controlled, 20km NE of Mariupol)	2-3km NNE	Heard	2	Shot		Small arms	17-May, 09:45
Lebedynske (government-controlled, 16km NE of Mariupol)	2-3km ESE	Heard	20	Shot		Small arms	17-May, 11:26-11:29
Naberezhne (non-government-controlled, 33km NE of Mariupol)	2-4km SSE	Heard	14	Shot		Small arms	17-May, 13:48
Horlivka (non-government-controlled, 39km NE of Donetsk)	7-9km S	Heard	65	Explosion	Undetermined	N/K	17-May, 06:08-06:25
	7-9km S	Heard	8	Explosion	Undetermined	N/K	17-May, 06:50-06:52
	7-9km S	Heard	8	Explosion	Undetermined	N/K	17-May, 07:24-07:30
About 2km N of Kamianka (government-controlled, 20km N of Donetsk)	2-3km W	Heard	1	Explosion	Undetermined	N/K	17-May, 08:37
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km E	Heard	1	Explosion	Undetermined	N/K	17-May, 08:54
	2-3km E	Heard	1	Explosion	Undetermined	N/K	17-May, 09:12
	2-3km NE	Heard	1	Explosion	Undetermined	N/K	17-May, 09:28
	2-3km NE	Heard	1	Explosion	Undetermined	N/K	17-May, 09:39
	2-3km N	Heard	1	Explosion	Undetermined	N/K	17-May, 09:51
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	2-3km E	Heard	10	Burst		HMG	17-May, 10:52
	3-5km ESE	Recorded	3	Projectile	NNW to SSE	N/K	16-May, 21:14
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km ESE	Recorded	2	Projectile	In vertical flight	N/K	17-May, 01:42
	3-5km E	Recorded	1	Projectile	S to N (assessed as outside the disengagement area)	N/K	16-May, 21:41
	4-6km S	Recorded	6	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	16-May, 21:54
	4-6km SSE	Recorded	9	Burst	In vertical flight, approximately 300 rounds (assessed as outside the disengagement area)	N/K	16-May, 21:55
	2-3km SE	Recorded	1	Projectile	WSW to ENE (assessed as inside the disengagement area)	N/K	16-May, 23:25
	2-3km SE	Recorded	1	Projectile	WSW to ENE	N/K	16-May, 23:29

				(assessed as inside the disengagement area)			
2-3km SE	Recorded	1	Projectile	WSW to ENE (assessed as inside the disengagement area)	N/K	17-May, 00:00	
3-5km ESE	Recorded	3	Projectile	In vertical flight (assessed as inside the disengagement area)	N/K	17-May, 00:00	
3-5km ESE	Recorded	3	Burst	In vertical flight, approximately 20 rounds (assessed as inside the disengagement area)	N/K	17-May, 00:01	
2-3km ESE	Recorded	1	Projectile	WSW to ENE (assessed as inside the disengagement area)	N/K	17-May, 00:01	
2-3km SE	Recorded	2	Projectile	WSW to ENE (assessed as inside the disengagement area)	N/K	17-May, 00:04	
3-5km ESE	Recorded	1	Burst	In vertical flight, approximately 10 rounds (unable to assess whether inside or outside the disengagement area)	N/K	17-May, 00:05	
N edge of Popasna (government-controlled, 69 km W of Luhansk)	3-5km SE	Heard	2	Explosion	Undetermined	N/K	16-May, 19:00-19:02
	3-5km SE	Heard	15	Burst		HMG	16-May, 22:40-23:00
	3-5km SE	Heard	22	Shot		Small arms	16-May, 22:40-23:00
	5-7km ENE	Heard	18	Explosion	Undetermined	N/K	16-May, 23:23-17 May, 01:10
	3-5km SE	Heard	90	Burst		HMG	16-May, 23:23-17 May, 01:10
	3-5km SE	Heard	220	Shot		Small arms	16-May, 23:23-17 May, 01:10
	3-5km SE	Heard	47	Burst		HMG	17-May, 01:40-02:00
	3-5km SE	Heard	120	Shot		Small arms	17-May, 01:40-02:00
	3-5km SE	Heard	55	Burst		HMG	17-May, 02:07-02:47
	3-5km SE	Heard	107	Shot		Small arms	17-May, 02:07-02:47
	5-10km S	Heard	35	Explosion	Undetermined	N/K	17-May, 02:07-02:47
	8-10km SSE	Heard	18	Explosion	Undetermined	N/K	17-May, 02:07-02:47
	3-5km SE	Heard	80	Burst		HMG	17-May, 03:11-03:27
	3-5km SE	Heard	175	Shot		Small arms	17-May, 03:11-03:27
	3-5km NE	Heard	30	Explosion	Undetermined	N/K	17-May, 07:03-07:50
	3-5km E	Heard	113	Explosion	Undetermined	N/K	17-May, 07:03-07:50
3-5km S	Heard	87	Explosion	Undetermined	N/K	17-May, 07:03-07:50	
3-5km SE	Heard	257	Explosion	Undetermined	N/K	17-May, 07:03-07:50	

	3-5km SE	Heard	105	Burst		N/K	17-May, 07:03-07:50
	6-9km E	Heard	59	Explosion	Undetermined	N/K	17-May, 17:20-17:40
	6-9km E	Heard	102	Burst		N/K	17-May, 17:20-17:40
	6-9km S	Heard and saw	1	Explosion	Undetermined	N/K	17-May, 17:20-17:40
E edge of Popasna (government-controlled, 69 km W of Luhansk)	7-10km SE	Heard	5	Explosion	Undetermined	N/K	17-May, 09:57-10:04
	7-10km SE	Heard	4	Burst		HMG	17-May, 09:57-10:04
	3-5km ESE	Heard	4	Explosion	Undetermined	N/K	17-May, 09:57-10:04
2km S of Muratove (government-controlled, 51km NW of Luhansk)	3-5km S	Heard	7	Explosion	Undetermined	IFV (type N/K)	17-May, 09:49-10:02
3km SE of Hirske (government-controlled, 63km W of Luhansk)	8-9km SE	Heard	5	Explosion	Undetermined	N/K	17-May, 09:55-10:02
W edge of Pervomaisk (non-government-controlled, 58km W of Luhansk)	4-6km N	Heard	2	Explosion	Undetermined (unable to assess if inside or outside disengagement area)	N/K	17-May, 10:03
1.5km N of Kalynove (non-government-controlled, 60km W of Luhansk)	2-3km WSW	Heard	9	Shot		Small arms	17-May, 11:26
N edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	8-10km NW	Heard	23	Explosion	Undetermined	N/K	17-May, 11:56-12:09
	8-10km NW	Heard	10	Burst		HMG	17-May, 11:56-12:09
1km W of Zolote-2/Karbonit (government-controlled, 62km W of Luhansk)	10-12km SE	Heard	2	Explosion	Undetermined	N/K	17-May, 12:35-12:37

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).