

**Table of ceasefire violations as of 16 September 2019<sup>1</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SSW	Recorded	3	Projectile	In vertical flight, also recorded by Avdiivka camera	N/K	15-Sep, 20:55
	1-3km SSW	Recorded	2	Projectile	In vertical flight, also recorded by Avdiivka camera	N/K	15-Sep, 20:56
	1-3km SSW	Recorded	1	Projectile	NW to SE (also recorded by Avdiivka camera)	N/K	15-Sep, 23:04
	1-3km SSW	Recorded	2	Projectile	WNW to ESE (also recorded by Avdiivka camera)	N/K	16-Sep, 00:06
	1-3km SSW	Recorded	1	Projectile	WNW to ESE (also recorded by Avdiivka camera)	N/K	16-Sep, 00:10
	1-3km SSW	Recorded	1	Projectile	In vertical flight, also recorded by Avdiivka camera	N/K	16-Sep, 00:10
	1-3km SSW	Recorded	1	Projectile	WNW to ESE (also recorded by Avdiivka camera)	N/K	16-Sep, 00:11
	0.5-1km S	Recorded	1	Projectile	W to E	N/K	16-Sep, 04:30
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km E	Recorded	1	Illumination flare	Also recorded by Pyshevyk and Lomakyne cameras	N/K	16-Sep, 00:00
	2-4km E	Recorded	1	Illumination flare	Also recorded by Pyshevyk and Lomakyne cameras	N/K	16-Sep, 00:50
	4-6km E	Recorded	1	Illumination flare	Also recorded by Lomakyne camera	N/K	16-Sep, 01:50
	3-5km E	Recorded	1	Illumination flare	Also recorded by Lomakyne camera	N/K	16-Sep, 03:16
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km E	Recorded	1	Projectile	NNW to SSE	N/K	15-Sep, 23:57
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	16-Sep, 02:03
	1-3km E	Recorded	2	Projectile	N to S	N/K	16-Sep, 02:08
	1-3km ENE	Recorded	2	Projectile	N to S	N/K	16-Sep, 02:09
	2-4km E	Recorded	1	Explosion	Airburst	N/K	16-Sep, 02:24
	2-4km E	Recorded	2	Projectile		N/K	16-Sep, 03:36
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-3km N	Recorded	8	Projectile	SW to NE	N/K	15-Sep, 21:33
	2-3km N	Recorded	5	Projectile	SE to NW	N/K	15-Sep, 21:33
	2-3km N	Recorded	1	Projectile	SE to NW	N/K	15-Sep, 21:34
	2-3km N	Recorded	3	Muzzle flash		N/K	15-Sep, 21:34
	2-3km N	Recorded	7	Projectile	WSW to ENE	N/K	15-Sep, 21:34
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	3-5km S	Recorded	2	Projectile	NE to SW	N/K	15-Sep, 21:13
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	15-Sep, 21:50
	3-5km S	Recorded	1	Projectile	NE to SW	N/K	15-Sep, 22:01
	3-5km SSE	Recorded	3	Projectile	NE to SW	N/K	15-Sep, 22:06
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	15-Sep, 22:13
	3-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	15-Sep, 22:30
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	15-Sep, 22:33
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	15-Sep, 22:35

<sup>1</sup> 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 position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	15-Sep, 23:10
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	15-Sep, 23:23
	3-5km SSE	Recorded	2	Projectile	NE to SW	N/K	15-Sep, 23:32
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 00:00
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km ESE	Recorded	2	Projectile	NW to SE	N/K	15-Sep, 22:11
	5-7km ESE	Recorded	1	Projectile	SE to NW	N/K	15-Sep, 23:38
	5-7km ESE	Recorded	1	Explosion	Undetermined	N/K	15-Sep, 23:38
	5-7km E	Recorded	1	Projectile	In vertical flight	N/K	16-Sep, 00:19
	5-7km E	Recorded	1	Explosion	Airburst, Subsequent to previous event	N/K	16-Sep, 00:19
	5-7km E	Recorded	1	Projectile	In vertical flight	N/K	16-Sep, 00:23
	5-7km E	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 00:23
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	2-3km W	Heard	6	Burst		Small arms	16-Sep, 10:55
	2-3km W	Heard	1	Shot		Small arms	16-Sep, 11:04
	2-3km W	Heard	7	Shot		Small arms	16-Sep, 11:08
	2-3km W	Heard	5	Burst		HMG	16-Sep, 11:08
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km S	Heard	1	Explosion	Undetermined	N/K	16-Sep, 13:55
	2-3km N	Heard	1	Explosion	Undetermined	N/K	16-Sep, 14:25
	2-3km N	Heard	1	Explosion	Undetermined	N/K	16-Sep, 14:45
About 3.5km NW of Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	5km NW	Heard	1	Explosion	Undetermined	N/K	16-Sep, 10:26
2km SW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-3km SSW	Heard	5	Burst		Small arms	16-Sep, 11:38
Chermalyk (government-controlled, 31km NE of Mariupol)	3-4km SE	Heard	10	Shot		Small arms	16-Sep, 12:06-12:08
	3-4km SE	Heard	2	Burst		Small arms	16-Sep, 12:06-12:08
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-5km SE	Heard	1	Explosion	Undetermined	N/K	15-Sep, 19:34
	2-5km SE	Heard	7	Burst		HMG	15-Sep, 20:05
	2-5km SE	Heard	8	Explosion	Undetermined	N/K	15-Sep, 21:11
	2-5km SE	Heard	3	Explosion	Undetermined	N/K	15-Sep, 22:21-22:24
	2-5km SE	Heard	2	Burst		HMG	15-Sep, 22:21-22:24
	2-5km SE	Heard	1	Explosion	Undetermined	N/K	15-Sep, 22:31
	2-5km SE	Heard	9	Burst		HMG	15-Sep, 22:44-22:48
	2-5km SE	Heard	1	Explosion	Undetermined	N/K	15-Sep, 22:44-22:48
	2-5km SE	Heard	3	Explosion	Undetermined	N/K	15-Sep, 23:36
	2-5km SE	Heard	3	Explosion	Undetermined	N/K	15-Sep, 23:44-23:46
	3-4km SSW	Heard	1	Explosion	Undetermined	N/K	16-Sep, 06:02
	3-4km SE	Heard	6	Burst		HMG	16-Sep, 06:02
	2-3km SE	Heard	3	Shot		Small arms	16-Sep, 06:02
	2-5km SE	Heard	9	Explosion	Undetermined	N/K	16-Sep, 12:43-12:49
	2-5km SE	Heard	4	Explosion	Undetermined	N/K	16-Sep, 13:14-13:21
	2-5km SE	Heard	13	Explosion	Undetermined	N/K	16-Sep, 15:33
	2-5km SE	Heard	1	Explosion	Undetermined	N/K	16-Sep, 16:12
	2-5km ESE	Heard	9	Explosion	Undetermined	N/K	16-Sep, 16:45
	2-5km SE	Heard	4	Explosion	Undetermined	N/K	16-Sep, 14:24-14:30
	2-5km SE	Heard	5	Explosion	Undetermined	N/K	16-Sep, 14:42-14:48
2-4km SE	Heard	1	Explosion	Undetermined	N/K	16-Sep, 11:21	
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km NW	Heard	27	Burst		HMG	16-Sep, 06:40-07:05

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
Donetsk)	4-5km NW	Heard	2	Explosion	Undetermined	N/K	16-Sep, 07:24
	3-4km NW	Heard	4	Explosion	Undetermined	N/K	16-Sep, 08:00-08:05
	3-4km NW	Heard	3	Burst		HMG	16-Sep, 08:00-08:05
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2.5-4km SSE	Recorded	1	Projectile	N to S (unable to assess whether inside or outside the disengagement area)	N/K	15-Sep, 20:21
	2-4km SSE	Recorded	1	Projectile	NNE to SSW (assessed as inside the disengagement area)	N/K	16-Sep, 03:59
NW edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	0-1km W	Heard	2	Explosion	Undetermined (Assessed as live-fire exercise)	N/K	16-Sep, 11:20-11:50
	0-1km W	Heard	86	Shot	Assessed as live-fire exercise	Small arms	16-Sep, 11:20-11:50
	0-1km W	Heard	40	Burst	Assessed as live-fire exercise	Small arms	16-Sep, 11:20-11:50
Kalynove (non-government-controlled, 60km W of Luhansk)	3-4km WNW	Heard	2	Explosion	Undetermined		16-Sep, 12:18-12:33
1.5km N of Kruhlyk (non-government-controlled, 31km SW of Luhansk)	1-1.2km W	Heard	100	Shot	Assessed by the patrol as live-fire exercise at Kruhlyk training area	Small arms	16-Sep, 12:20-12:50
W edge of Pervomaisk (non-government-controlled, 58km W of Luhansk)	3-4km SSW	Heard	3	Explosion	Undetermined	N/K	16-Sep, 14:10-14:21