

**Table of ceasefire violations as of 13 September 2019<sup>1</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezhove (government-controlled, 31km SW of Donetsk)	2-4km SSE	Recorded	1	Projectile		N/K	12-Sep, 21:25
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	12-Sep, 22:01
	3-5km SE	Recorded	1	Projectile		N/K	12-Sep, 23:17
	2-4km SSE	Recorded	1	Projectile		N/K	12-Sep, 23:33
	2-4km SSE	Recorded	1	Projectile		N/K	12-Sep, 23:35
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SSW	Recorded	2	Explosion	Undetermined	N/K	12-Sep, 20:48
	1-3km SSW	Recorded	2	Explosion	Undetermined	N/K	12-Sep, 21:04
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	12-Sep, 21:04
	0.5-1.5km SSE	Recorded	1	Projectile		N/K	12-Sep, 21:13
	0.5-1.5km SSE	Recorded	1	Projectile		N/K	12-Sep, 21:32
	0.5-1km SSE	Recorded	1	Projectile		N/K	12-Sep, 22:22
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km ENE	Recorded	6	Projectile		N/K	12-Sep, 20:05
	3-5km ENE	Recorded	19	Projectile		N/K	12-Sep, 20:41
	3-8km ESE	Recorded	7	Projectile		N/K	12-Sep, 23:09
	3-8km ESE	Recorded	3	Projectile		N/K	12-Sep, 23:22
	3-8km ESE	Recorded	5	Projectile		N/K	13-Sep, 23:52
	3-5km ESE	Recorded	1	Projectile		N/K	13-Sep, 23:54
	3-5km ESE	Recorded	3	Projectile		N/K	13-Sep, 00:21
	1-3km E	Recorded	5	Projectile		N/K	12-Sep, 20:58
	1-3km E	Recorded	1	Explosion	Undetermined	N/K	12-Sep, 21:07
	2-4km E	Recorded	1	Explosion	Airburst	N/K	12-Sep, 21:47
	1-3km E	Recorded	4	Projectile		N/K	12-Sep, 21:54
	1-3km E	Recorded	2	Projectile	In vertical flight	N/K	12-Sep, 21:54
	1-3km E	Recorded	4	Projectile		N/K	12-Sep, 21:54
	1-3km E	Recorded	5	Projectile		N/K	12-Sep, 21:57
	1-3km E	Recorded	1	Projectile		N/K	12-Sep, 21:57
	1-3km E	Recorded	1	Projectile		N/K	12-Sep, 21:57
	2-4km E	Recorded	1	Explosion	Airburst	N/K	12-Sep, 22:06
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	13-Sep, 01:24
	2-4km ENE	Recorded	6	Projectile		N/K	13-Sep, 03:33
	2-5km E	Recorded	3	Explosion	Undetermined	N/K	13-Sep, 03:33
	2-5km E	Recorded	2	Explosion	Undetermined	N/K	13-Sep, 03:34
	2-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	13-Sep, 03:51
	2-5km E	Recorded	1	Explosion	Undetermined	N/K	13-Sep, 03:51
	2-4km ENE	Recorded	12	Projectile		N/K	13-Sep, 04:02
	2-4km ENE	Recorded	7	Projectile		N/K	13-Sep, 04:03
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	3-5km SSE	Recorded	1	Muzzle flash		N/K	12-Sep, 19:48
	3-5km S	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	12-Sep, 19:50
	1-2km S	Recorded	3	Projectile		N/K	12-Sep, 20:18
	2-5km S	Recorded	3	Projectile		N/K	12-Sep, 20:19
	2-5km S	Recorded	8	Projectile		N/K	12-Sep, 20:19
	2-5km S	Recorded	1	Projectile		N/K	12-Sep, 20:19
	2-5km S	Recorded	7	Projectile		N/K	12-Sep, 20:20
	2-5km S	Recorded	5	Projectile		N/K	12-Sep, 20:21
	2-5km SSE	Recorded	11	Projectile		N/K	12-Sep, 22:27
	2-5km S	Recorded	2	Projectile		N/K	12-Sep, 22:28
	2-5km S	Recorded	2	Projectile		N/K	12-Sep, 22:34
	2-5km S	Recorded	5	Projectile		N/K	12-Sep, 23:08
	2-5km SSE	Recorded	15	Projectile		N/K	12-Sep, 23:09
2-5km SSE	Recorded	2	Projectile	In vertical flight	N/K	12-Sep, 23:09	

<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
	2-5km SSE	Recorded	3	Projectile		N/K	12-Sep, 23:21
	2-5km SSE	Recorded	9	Projectile		N/K	12-Sep, 23:22
	2-5km SSE	Recorded	18	Projectile		N/K	12-Sep, 23:51
	2-5km SSE	Recorded	5	Projectile		N/K	12-Sep, 23:52
	2-5km S	Recorded	1	Explosion	Airburst	N/K	13-Sep, 01:48
	2-5km S	Recorded	8	Projectile		N/K	13-Sep, 04:19
About 1km NW of the railway station in Yasinuvata (non-government-controlled, 16km NE of Donetsk)	1.5-2km SSW	Heard	25	Shot		Small arms	13-Sep, 09:45
	5-6km S	Heard	1	Explosion	Undetermined	N/K	13-Sep, 11:44
	1km SW	Heard and saw	2	Explosion	Undetermined (Black smoke seen)	N/K	13-Sep, 14:20
	2-3km SSW	Heard	1	Explosion	Outgoing	N/K	13-Sep, 14:27
	2-3km SW	Heard and saw	1	Explosion	Impact	N/K	13-Sep, 14:27
	2-3km SSW	Heard	1	Explosion	Outgoing	N/K	13-Sep, 14:34
	2-3km SW	Heard and saw	1	Explosion	Impact	N/K	13-Sep, 14:34
	2-3km SSW	Heard	1	Explosion	Outgoing	N/K	13-Sep, 14:37
	2-3km SW	Heard and saw	1	Explosion	Impact	N/K	13-Sep, 14:37
	2-3km SSW	Heard	1	Explosion	Outgoing	N/K	13-Sep, 14:39
	2-3km SW	Heard and saw	1	Explosion	Impact	N/K	13-Sep, 14:39
	1km SSW	Heard and saw	5	Explosion	Impact	N/K	13-Sep, 14:40
	2km SSW	Heard	2	Explosion	Outgoing	N/K	13-Sep, 14:42-14:43
	2km SW	Heard and saw	2	Explosion	Impact	N/K	13-Sep, 14:42-14:43
	1.5-2km SSW	Heard	300	Shots and bursts	Assessed as exchange of fire SSW to SW and opposite	Small arms	13-Sep, 14:41-14:45
	2-3km SSW	Heard and saw	1	Explosion	Impact (black smoke seen)	N/K	13-Sep, 14:50
	2-3km SSW	Heard and saw	1	Explosion	Impact (black smoke seen)	N/K	13-Sep, 14:50
	4-5km SSW	Heard and saw	3	Explosion	Undetermined (black smoke seen)	N/K	13-Sep, 14:57
	4-5km SSW	Heard	40	Shot		Small arms	13-Sep, 15:00
	4-5km SSW	Heard	50	Burst		Small arms	13-Sep, 15:00
3km SSW	Heard	4	Explosion	Undetermined	N/K	13-Sep, 15:04	
1-2km SSW	Heard and saw	1	Burst	Assessed as air burst artillery	N/K	13-Sep, 15:04	
About 3km SSE of Lohvynove (non-government-controlled, 59km NE of Donetsk)	2-4km N	Heard	1	Explosion	Undetermined	N/K	13-Sep, 11:25
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km SE	Heard	Uncountable	Shot	Assessed as uncountable	HMG	13-Sep, 14:39-14:50
	1-2km SE	Heard	1	Explosion	Outgoing	N/K	13-Sep, 14:50
	1-2km SE	Heard	2	Explosion	Outgoing	N/K	13-Sep, 14:58
	4-6km SW	Heard	2	Explosion	Impact	N/K	13-Sep, 14:58
2km NE of Chernenko (government-controlled, 21km NE of Mariupol)	4-5km SE	Heard	2	Explosion	Undetermined	N/K	13-Sep, 09:40
	5km SE	Heard	5	Explosion	Undetermined	N/K	13-Sep, 10:56
1km NW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	3-4km NE	Heard	10	Burst		Small arms	13-Sep, 10:55-11:05
1km NE Zaichenko (non-government-controlled, 26km NE of Mariupol)	N/K WSW	Heard	1	Explosion	Undetermined	N/K	13-Sep, 11:20
2km SE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K S	Heard	2	Explosion	Undetermined	N/K	13-Sep, 12:09
3km E of Starohnativka (government-controlled, 51km S of Donetsk)	3-4km E	Heard	6	Burst		Small arms	13-Sep, 12:57-13:05
Svitlodarsk (government-controlled, 57km NE of Donetsk)	6-9km SE	Heard	2	Explosion	Undetermined	N/K	12-Sep, 18:30-18:36
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	13-Sep, 09:15
SW edge of Novoluhanske	7-9km SE	Heard	1	Explosion	Undetermined	N/K	13-Sep, 09:18

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
(government-controlled, 53km NE of Donetsk)	6-8km S	Heard	1	Explosion	Undetermined	N/K	13-Sep, 14:58
W edge of Zalizne (government-controlled, 42km NE of Donetsk)	2-3km ENE	Heard	7	Burst		HMG	13-Sep, 11:39
	2-3km E	Heard	20	Burst	Possible anti-aircraft cannon(ZU-23,23mm)	Other	13-Sep, 11:39
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	13-Sep, 13:45
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	13-Sep, 14:19
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	13-Sep, 14:29
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	13-Sep, 14:35
	2-3km SSW	Heard	6	Explosion	Undetermined	N/K	13-Sep, 14:37-14:46
	2-3km SW	Heard	12	Burst		HMG	13-Sep, 14:37-14:46
	2-3km SSW	Heard	2	Explosion	Undetermined	N/K	13-Sep, 14:51
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-4km SW	Heard	3	Explosion	Undetermined	N/K	13-Sep, 15:00-15:03
	2-3km SSW	Recorded	6	Projectile	WNW to ESE (unable to assess whether inside or outside the disengagement area)	N/K	12-Sep, 22:24
	2-3km SSW	Recorded	3	Explosion	Airburst (unable to assess whether inside or outside the disengagement area)	N/K	12-Sep, 22:24
	3-4km E	Recorded	3	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	12-Sep, 22:28
	3-4km E	Recorded	7	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	12-Sep, 22:28
	3-4km E	Recorded	6	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	12-Sep, 22:31
N edge of Popasna (government-controlled, 69km W of Luhansk)	2-3km E	Recorded	3	Projectile	N to S (assessed as outside the disengagement area)	N/K	12-Sep, 22:47
	3-6km SSE	Heard	7	Explosion	Undetermined	N/K	13-Sep, 01:08-02:00
Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	3-6km SSE	Heard	4	Shot		Small arms	13-Sep, 01:08-02:00
	6-8km NE	Heard	3	Explosion	Undetermined	N/K	13-Sep, 10:45-10:55