

**Table of ceasefire violations as of 12 September 2019<sup>1</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km ESE	Recorded	1	Projectile	SW to NE	N/K	11-Sep, 21:45
	2-4km ESE	Recorded	1	Projectile	NE to SW	N/K	11-Sep, 21:48
	2-4km ESE	Recorded	1	Projectile	NE to SW	N/K	11-Sep, 22:01
	2-4km ESE	Recorded	1	Explosion	Impact	N/K	11-Sep, 22:01
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	11-Sep, 23:02
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 21:00
	0.8-1km SSW	Recorded	1	Projectile	W to E	N/K	11-Sep, 21:02
	0.5-1km SSW	Recorded	1	Muzzle flash		N/K	11-Sep, 21:08
	0.5-1km SSW	Recorded	1	Projectile	W to E	N/K	11-Sep, 21:08
	0.5-1km SSW	Recorded	3	Muzzle flash		N/K	11-Sep, 21:17
	0.5-1km SSW	Recorded	4	Explosion	Undetermined	N/K	11-Sep, 21:18
	0.5-1km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 21:39
	0.5-1km SSW	Recorded	2	Explosion	Undetermined	N/K	11-Sep, 21:40
	0.5-1km SSW	Recorded	6	Explosion	Undetermined	N/K	11-Sep, 21:41
	0.5-1km SSW	Recorded	2	Muzzle flash		N/K	11-Sep, 21:41
	0.5-1km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 21:41
	0.5-1km SSW	Recorded	2	Explosion	Undetermined	N/K	11-Sep, 21:42
	0.5-1km SSW	Recorded	1	Projectile	W to E	N/K	11-Sep, 21:43
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 21:44
	0.8-1.5km S	Recorded	1	Projectile	W to E	N/K	11-Sep, 21:47
	0.7-1.2km S	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 21:48
	0.5-1.2km S	Recorded	1	Projectile	W to E	N/K	11-Sep, 21:52
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 22:01
	0.8-1.5km SSW	Recorded	1	Projectile	W to E	N/K	11-Sep, 22:01
	0.8-1.5km S	Recorded	1	Explosion	Impact	N/K	11-Sep, 22:01
	1-3km SSW	Recorded	2	Explosion	Undetermined	N/K	11-Sep, 22:02
	1-3km S	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 22:02
	0.8-1.5km S	Recorded	1	Projectile	W to E	N/K	11-Sep, 23:06
	0.7-1.2km S	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:15
	0.8-1.5km SSW	Recorded	1	Projectile	W to E	N/K	12-Sep, 01:57
	0.8-1.2km S	Recorded	1	Explosion	Undetermined	N/K	12-Sep, 02:22
	0.7-1.2km S	Recorded	1	Explosion	Undetermined	N/K	12-Sep, 02:23
	0.8-1.5km SSW	Recorded	2	Projectile	W to E	N/K	12-Sep, 03:29
	0.7-1.5km SSW	Recorded	5	Projectile	W to E	N/K	12-Sep, 03:37
	0.5-1.5km SSE	Recorded	7	Projectile	E to W	N/K	12-Sep, 04:12
0.5-1.5km SSE	Recorded	2	Projectile	E to W	N/K	12-Sep, 04:23	
SMM camera 1.5km NE of Hnutove (government-	2-4km E	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 19:58
	2-4km E	Recorded	6	Projectile	NNW to SSE	N/K	11-Sep, 19:58
	3-5km ESE	Recorded	8	Projectile	S to N	N/K	11-Sep, 22:22
	3-5km ESE	Recorded	7	Projectile	S to N	N/K	11-Sep, 22:24

<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
controlled, 20km NE of Mariupol)	3-5km E	Recorded	4	Projectile	W to E	N/K	11-Sep, 22:25
	3-5km E	Recorded	3	Projectile	S to N	N/K	11-Sep, 22:35
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 22:38
	3-5km ESE	Recorded	1	Projectile	S to N	N/K	11-Sep, 23:00
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:00
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:00
	3-5km E	Recorded	2	Explosion	Undetermined	N/K	11-Sep, 23:01
	3-5km E	Recorded	1	Projectile	N to S	N/K	11-Sep, 23:01
	3-5km ENE	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 23:02
	3-5km E	Recorded	2	Explosion	Undetermined	N/K	11-Sep, 23:02
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:11
	3-5km E	Recorded	2	Projectile	S to N	N/K	11-Sep, 23:12
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:14
	3-5km E	Recorded	2	Projectile	N to S	N/K	11-Sep, 23:14
	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:15
	3-5km ENE	Recorded	1	Projectile	N to S	N/K	11-Sep, 23:15
3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:15	
3-5km ESE	Recorded	5	Projectile	S to N	N/K	12-Sep, 02:32	
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-6km N	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 22:22
	2-6km N	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 22:23
	2-6km N	Recorded	3	Projectile	NW to SE	N/K	11-Sep, 22:27
	2-6km N	Recorded	2	Projectile	NW to SE	N/K	11-Sep, 22:28
	2-6km N	Recorded	2	Projectile	NW to SE	N/K	11-Sep, 22:29
	2-6km N	Recorded	2	Projectile	NW to SE	N/K	11-Sep, 22:30
	2-6km N	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 22:31
	2-6km N	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 22:32
	2-6km N	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 22:33
2-6km NE	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 22:38	
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km NE	Recorded	1	Projectile	NNW to SSE	N/K	11-Sep, 20:00
	3-5km ENE	Recorded	2	Projectile	N to S	N/K	11-Sep, 20:00
	3-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	11-Sep, 22:41
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	1	Projectile	W to E	N/K	11-Sep, 21:31
	2-4km S	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 19:45
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	3	Projectile	W to E	N/K	11-Sep, 19:46
	3-5km S	Recorded	8	Projectile	W to E	N/K	11-Sep, 19:54
	3-5km S	Recorded	2	Projectile	W to E	N/K	11-Sep, 19:55
	3-6km SSE	Recorded	2	Projectile	E to W	N/K	11-Sep, 21:38
	3-6km SSE	Recorded	14	Projectile	W to E	N/K	11-Sep, 22:21
	3-6km SSE	Recorded	4	Projectile	W to E	N/K	12-Sep, 00:28
	3-6km SSE	Recorded	1	Projectile	W to E	N/K	12-Sep, 00:30
	3-6km SSE	Recorded	3	Projectile	E to W	N/K	12-Sep, 00:43
	3-6km SSE	Recorded	1	Explosion	Impact	N/K	12-Sep, 00:43
	3-6km SSE	Recorded	3	Projectile	W to E	N/K	12-Sep, 00:54
	3-6km SSE	Recorded	3	Projectile	W to E	N/K	12-Sep, 00:59
	3-6km SSE	Recorded	4	Projectile	E to W	N/K	12-Sep, 01:08
	3-6km SSE	Recorded	1	Projectile	W to E	N/K	12-Sep, 01:12
	3-6km SSE	Recorded	1	Projectile	W to E	N/K	12-Sep, 01:24
	3-6km SSE	Recorded	4	Projectile	W to E	N/K	12-Sep, 02:12
	3-6km SSE	Recorded	11	Projectile	W to E	N/K	12-Sep, 02:13
	3-6km SSE	Recorded	8	Projectile	W to E	N/K	12-Sep, 02:28
3-6km SSE	Recorded	7	Projectile	W to E	N/K	12-Sep, 02:30	

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-6km SSE	Recorded	15	Projectile	W to E	N/K	12-Sep, 02:32
	3-6km SSE	Recorded	18	Projectile	W to E	N/K	12-Sep, 02:36
	3-6km SSE	Recorded	1	Projectile	In vertical flight	N/K	12-Sep, 02:48
	3-6km SSE	Recorded	9	Projectile	W to E	N/K	12-Sep, 02:43
	3-6km SSE	Recorded	5	Projectile	In vertical flight	N/K	12-Sep, 02:49
	3-6km SSE	Recorded	4	Projectile	W to E	N/K	12-Sep, 02:49
	3-6km SSE	Recorded	10	Projectile	W to E	N/K	12-Sep, 02:55
	3-6km S	Recorded	5	Projectile	W to E	N/K	12-Sep, 04:00
	3-6km S	Recorded	19	Projectile	W to E	N/K	12-Sep, 04:01
3-6km SSE	Recorded	11	Projectile	W to E	N/K	12-Sep, 04:45	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km ENE	Recorded	4	Projectile	NNW to SSE	N/K	11-Sep, 21:59
	3-5km ESE	Recorded	3	Projectile	NW to SE	N/K	11-Sep, 22:51
	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	12-Sep, 00:17
	3-5km ESE	Recorded	1	Explosion	Impact	N/K	12-Sep, 00:17
	3-5km ESE	Recorded	30	Projectile	N to S	N/K	12-Sep, 00:44
	3-5km ESE	Recorded	26	Projectile	N to S	N/K	12-Sep, 01:01
	3-5km ESE	Recorded	26	Projectile	N to S	N/K	12-Sep, 01:42
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	6	Explosion	Undetermined	N/K	12-Sep, 10:16-10:18
	3km SE	Heard	1	Explosion	Undetermined	N/K	12-Sep, 10:28
	2-3km SE	Heard	3	Burst		HMG	12-Sep, 10:50
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	17	Shot		Small arms	12-Sep, 10:16
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	12-Sep, 10:16
	1-2km SW	Heard	4	Shot		Small arms	12-Sep, 10:17
	1km SW	Heard and saw	1	Explosion	Undetermined	N/K	12-Sep, 10:28
	2-3km SW	Heard	5	Shot		Small arms	12-Sep, 13:55
	2-3km SW	Heard	14	Shot		Small arms	12-Sep, 14:27
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	12-Sep, 14:33
	2-3km SW	Heard	1	Shot		Small arms	12-Sep, 14:53
Svitlodarsk (government-controlled, 57km NE of Donetsk)	1-3km SE	Heard	1	Burst		Small arms	11-Sep, 18:40
	1-3km SE	Heard	3	Burst		Small arms	11-Sep, 18:45
	1-3km E	Heard	2	Burst		Small arms	11-Sep, 18:46
	1-3km E	Heard	3	Burst		Small arms	11-Sep, 18:57
	3-5km E	Heard	10	Explosion	Undetermined	N/K	11-Sep, 19:00-19:05
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:07
	3-5km ESE	Heard	10	Explosion	Undetermined	N/K	11-Sep, 19:10-19:14
	1-3km ESE	Heard	18	Burst		Small arms	11-Sep, 19:11-19:12
	3-5km ESE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 19:16
	2-4km ESE	Heard	5	Explosion	Undetermined	IFV (BMP-1)	11-Sep, 19:19
	1-3km ESE	Heard	22	Burst		Small arms	11-Sep, 19:20-19:21
	2-4km SSE	Heard	4	Explosion	Undetermined	N/K	11-Sep, 19:22
	1-3km SSE	Heard	4	Burst		HMG	11-Sep, 19:23
	4-6km SSE	Heard	6	Explosion	Undetermined	N/K	11-Sep, 19:24-19:26
	1-3km SSE	Heard	18	Burst		Small arms	11-Sep, 19:25-19:27
	3-5km ESE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:28-19:29
	3-5km ESE	Heard	6	Explosion	Undetermined	N/K	11-Sep, 19:32-19:34
	2-3km SSE	Heard	5	Burst		Small arms	11-Sep, 19:33
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:36

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-5km SSE	Heard	4	Explosion	Undetermined	N/K	11-Sep, 19:40
	4-6km SE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:41
	1-3km SSE	Heard	12	Burst		Small arms	11-Sep, 19:41-19:42
	2-4km SSE	Heard	5	Explosion	Undetermined	IFV	11-Sep, 19:42
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:42
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:46
	1-3km SSE	Heard	3	Burst		Small arms	11-Sep, 19:49
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:59
	1-3km SSE	Heard	21	Burst		Small arms	11-Sep, 19:59-20:01
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 20:01
	1-3km SSE	Heard	3	Explosion	Undetermined	IFV	11-Sep, 20:05
	1-3km SSE	Heard	3	Explosion	Undetermined	IFV	11-Sep, 20:07
	1-3km SSE	Heard	22	Burst		Small arms	11-Sep, 20:07-20:08
	2-4km SSE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 20:13
	1-3km SSE	Heard	4	Burst		Small arms	11-Sep, 20:24
	1-3km SSE	Heard	4	Burst		Small arms	11-Sep, 20:27
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 20:29
	1-3km SSE	Heard	15	Burst		Small arms	11-Sep, 20:30
	3-5km SE	Heard	6	Explosion	Undetermined	N/K	11-Sep, 20:32
	2-3km SSE	Heard	10	Burst		Small arms	11-Sep, 20:33-20:34
	1-2km SSE	Heard	4	Shot		Small arms	11-Sep, 20:33
	1-3km SSE	Heard	7	Burst		Small arms	11-Sep, 20:36-20:37
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 20:38
	1-3km SSE	Heard	10	Burst		Small arms	11-Sep, 20:38
	1-3km SE	Heard	3	Burst		Small arms	11-Sep, 20:47
	1-3km SSE	Heard	5	Burst		Small arms	11-Sep, 20:53
	1-3km SSE	Heard	3	Burst		Small arms	11-Sep, 21:04
	3-5km ESE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 21:07
	1-3km SSE	Heard	8	Burst		Small arms	11-Sep, 21:17-21:22
	1-3km SSE	Heard	31	Burst		Small arms	11-Sep, 21:28-21:31
	1-3km ESE	Heard	10	Burst		Small arms	11-Sep, 21:33
	1-3km SSE	Heard	8	Burst		Small arms	11-Sep, 21:35-21:36
	1-3km SSE	Heard	3	Burst		Small arms	11-Sep, 21:38
	1-3km SSE	Heard	2	Burst		Small arms	11-Sep, 21:44
	6-8km E	Heard	3	Explosion	Undetermined	N/K	11-Sep, 22:19
	1-3km ESE	Heard	7	Burst		Small arms	11-Sep, 22:30-22:31
	4-6km ESE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 22:30
	4-6km ESE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 22:32-22:33
	2-3km ESE	Heard	6	Burst		Small arms	11-Sep, 22:35
	4-6km ESE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 22:41
	2-3km E	Heard	13	Burst		Small arms	11-Sep, 22:42
	1-2km SE	Heard	8	Shot		Small arms	11-Sep, 22:59
	2-3km SE	Heard	2	Burst		HMG	11-Sep, 23:09
	1-2km ESE	Heard	3	Burst		Small arms	11-Sep, 23:11
	2-3km E	Heard	4	Burst		HMG	11-Sep, 23:17
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 23:38
	2-3km SE	Heard	10	Burst		Small arms	11-Sep, 23:38-23:39
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 23:40-23:41
	6-8km ESE	Heard	3	Explosion	Undetermined	N/K	11-Sep, 23:43
	6-8km ESE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 23:50
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 23:56

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	7-9km SE	Heard	7	Explosion	Undetermined	N/K	12-Sep, 17:13-18:00
	7-9km SE	Heard	3	Explosion	Undetermined	N/K	12-Sep, 18:20-18:23
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	1-2km S	Heard	3	Shot		Small arms	12-Sep, 09:12
	4-6km NE	Heard	45	Explosion	Undetermined (Assessed as live-fire exercise)	AGL	12-Sep, 10:49-10:53
	2-3km S	Heard	3	Burst		HMG	12-Sep, 11:37
Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	12-Sep, 16:15
3.5km NE of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	6-8km NE	Heard	1	Explosion	Undetermined	N/K	12-Sep, 09:46
Holubivske (non-government-controlled, 51km W of Luhansk)	5-7km NE	Heard	2	Explosion	Undetermined	N/K	12-Sep, 10:22-10:33
NE edge of Orikhove (government-controlled, 57km NW of Luhansk)	3-5km SE	Heard	12	Explosion	Undetermined	N/K	12-Sep, 10:14-10:21
	3-5km ENE	Heard	12	Explosion	Undetermined	N/K	12-Sep, 10:14-10:21
600m SSE of Stanytsia Luhanska Bridge (15km NE of Luhansk)	1km NE	Heard	2	Shot	Assessed as inside the disengagement area	Small arms	12-Sep, 11:42
SW edge of Zolote-5/Mykhailivka (non-government-controlled, 58km NW of Luhansk)	1-2km N	Heard	6	Shot	Assessed as outside the disengagement area	Small arms	12-Sep, 14:03-14:05
N edge of disengagement area near Zolote (government-controlled, 60km W of Luhansk)	4-5km WSW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	12-Sep, 17:45
S edge of Popasna (government-controlled, 69km W of Luhansk)	5-7km SE	Heard	1	Explosion	Undetermined	N/K	12-Sep, 14:50