

**Table of ceasefire violations as of 23 September 2019<sup>1</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 19:16
	2-3km SSE	Recorded	1	Projectile	WSW to ENE	N/K	22-Sep, 21:11
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-3km SSE	Recorded	9	Projectile	WSW to ENE	N/K	22-Sep, 21:48
	2-3km SSE	Recorded	10	Projectile	WSW to ENE	N/K	22-Sep, 22:01
	2-3km SSE	Recorded	10	Projectile	WSW to ENE	N/K	22-Sep, 22:03
	2-3km SSE	Recorded	1	Projectile	WSW to ENE	N/K	22-Sep, 22:08
	2-3km SSE	Recorded	14	Projectile	WSW to ENE	N/K	22-Sep, 22:10
	2.5-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	22-Sep, 22:24
	2.5-4km SSE	Recorded	8	Projectile	ENE to WSW	N/K	22-Sep, 22:26
	2-3km SSE	Recorded	7	Projectile	WNW to ESE	N/K	22-Sep, 22:28
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:30
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:32
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:35
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:37
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:40
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:41
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:42
	2-3km SSE	Recorded	2	Burst	In vertical flight (approximately 5 rounds)	N/K	22-Sep, 22:42
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:43
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:44
	2-3km SSE	Recorded	9	Projectile	WNW to ESE	N/K	22-Sep, 22:45
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:47
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:48
	2-3km SSE	Recorded	1	Projectile	WNW to ESE	N/K	22-Sep, 22:52
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:54
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:55
	4-6km SSE	Recorded	2	Explosion	Undetermined	N/K	22-Sep, 22:58
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 22:59
	2-3km SSE	Recorded	1	Projectile	WNW to ESE	N/K	22-Sep, 23:01
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Sep, 23:04
2-3km SSE	Recorded	1	Projectile	WNW to ESE	N/K	22-Sep, 23:08	
2-3km SSE	Recorded	1	Projectile	WNW to ESE	N/K	22-Sep, 23:09	
2-3km SSE	Recorded	56	Projectile	WNW to ESE	N/K	22-Sep, 23:10	

<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.

	2-3km SSE	Recorded	2	Projectile	WNW to ESE	N/K	22-Sep, 23:19
	2-4km SE	Recorded	9	Projectile	In vertical flight	N/K	22-Sep, 23:24
	2-3km SSE	Recorded	1	Projectile	NW to SE	N/K	22-Sep, 23:25
	2-3km SSE	Recorded	87	Projectile	WNW to ESE	N/K	22-Sep, 23:27
	2-3km SSE	Recorded	6	Projectile	WNW to ESE	N/K	22-Sep, 23:50
	2-3km SSE	Recorded	4	Projectile	WNW to ESE	N/K	23-Sep, 00:12
	2-3km SSE	Recorded	1	Projectile	In vertical flight	N/K	23-Sep, 01:10
	2.5-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	23-Sep, 01:28
	2-3km SE	Recorded	15	Projectile	In vertical flight	N/K	23-Sep, 01:36
	2.5-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	23-Sep, 01:37
	2-3km SE	Recorded	10	Projectile	In vertical flight	N/K	23-Sep, 01:37
	2.5-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	23-Sep, 01:44
	SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km SSE	Recorded	3	Projectile	E to W	N/K
300-600m SSW		Recorded	1	Projectile	W to E	N/K	22-Sep, 21:55
0.3-0.6km S		Recorded	1	Illumination flare	In vertical flight	N/K	22-Sep, 21:55
0.3-0.6km SSW		Recorded	2	Muzzle flash		N/K	22-Sep, 21:55
0.3-0.6km SSE		Recorded	1	Illumination flare	In vertical flight	N/K	22-Sep, 21:56
0.3-0.6km S		Recorded	3	Explosion	Impact	N/K	22-Sep, 21:56
0.3-0.6km SSW		Recorded	7	Muzzle flash		N/K	22-Sep, 21:56
0.3-0.6km SSW		Recorded	6	Muzzle flash		N/K	22-Sep, 21:57
0.1-0.2km S		Recorded	1	Illumination flare	In vertical flight	N/K	22-Sep, 22:10
0.3-0.6km SSW		Recorded	4	Muzzle flash		N/K	22-Sep, 22:10
0.3-0.6km SSW		Recorded	14	Muzzle flash		N/K	22-Sep, 22:11
0.3-0.6km SSW		Recorded	1	Projectile	W to E	N/K	22-Sep, 22:11
0.3-0.6km S		Recorded	4	Explosion	Impact	N/K	22-Sep, 22:11
0.3-0.6km S		Recorded	3	Explosion	Impact	N/K	22-Sep, 22:26
0.5-1.5km SSW		Recorded	3	Explosion	Undetermined	N/K	23-Sep, 01:33
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)		3-5km ENE	Recorded	22	Projectile	In vertical flight	N/K
	3-5km ENE	Recorded	21	Projectile	In vertical flight	N/K	22-Sep, 19:19
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Projectile	In vertical flight	N/K	22-Sep, 19:16
	2-4km ENE	Recorded	13	Projectile	S to N	N/K	22-Sep, 19:31
	2-4km ENE	Recorded	12	Projectile	S to N	N/K	22-Sep, 19:32
	2-5km ENE	Recorded	2	Projectile	N to S	N/K	22-Sep, 20:48
	2-5km ENE	Recorded	2	Projectile	S to N	N/K	22-Sep, 20:48
	2-5km ENE	Recorded	41	Projectile	S to N	N/K	22-Sep, 20:53
	2-5km ENE	Recorded	10	Projectile	N to S	N/K	22-Sep, 20:53
	2-5km ENE	Recorded	1	Projectile	N to S	N/K	22-Sep, 20:55
2-5km ENE	Recorded	17	Projectile	N to S	N/K	22-Sep, 21:06	

	2-5km ENE	Recorded	1	Projectile	N to S	N/K	22-Sep, 21:11
	2-5km ENE	Recorded	6	Projectile	N to S	N/K	22-Sep, 21:11
	2-5km ENE	Recorded	6	Projectile	N to S	N/K	22-Sep, 22:13
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km ENE	Recorded	2	Muzzle flash		N/K	22-Sep, 19:03
	2-4km ENE	Recorded	2	Muzzle flash		N/K	22-Sep, 19:04
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 84km S of Donetsk)	1-2km S	Recorded	2	Projectile	W to E	N/K	22-Sep, 19:53
	3-5km S	Recorded	1	Projectile	W to E	N/K	22-Sep, 20:16
	3-5km S	Recorded	6	Projectile	W to E	N/K	22-Sep, 20:18
	3-5km S	Recorded	6	Projectile	E to W	N/K	22-Sep, 20:22
	3-5km S	Recorded	4	Projectile	W to E	N/K	22-Sep, 20:22
	3-5km S	Recorded	8	Projectile	W to E	N/K	22-Sep, 20:23
	3-5km S	Recorded	7	Projectile	W to E	N/K	22-Sep, 20:24
	3-5km S	Recorded	1	Projectile	In vertical flight	N/K	22-Sep, 20:24
	3-5km S	Recorded	2	Projectile	W to E	N/K	22-Sep, 20:40
	3-5km S	Recorded	3	Projectile	W to E	N/K	22-Sep, 21:03
	3-5km S	Recorded	4	Projectile	W to E	N/K	22-Sep, 21:04
	3-5km S	Recorded	6	Projectile	W to E	N/K	22-Sep, 21:07
	3-5km S	Recorded	5	Projectile	W to E	N/K	22-Sep, 21:21
	3-5km S	Recorded	4	Projectile	NE to SW	N/K	22-Sep, 21:23
	3-5km S	Recorded	2	Projectile	W to E	N/K	22-Sep, 21:39
	3-5km S	Recorded	4	Projectile	W to E	N/K	22-Sep, 22:15
	3-5km S	Recorded	1	Projectile	W to E	N/K	22-Sep, 22:22
	3-5km S	Recorded	6	Projectile	NE to SW	N/K	22-Sep, 22:27
	3-5km S	Recorded	3	Projectile	W to E	N/K	22-Sep, 22:35
	3-5km S	Recorded	2	Projectile	W to E	N/K	22-Sep, 22:48
	3-5km S	Recorded	5	Projectile	E to W	N/K	22-Sep, 22:48
	3-5km S	Recorded	2	Projectile	W to E	N/K	22-Sep, 22:49
	3-5km SSE	Recorded	3	Projectile	E to W	N/K	22-Sep, 23:03
	3-5km SSE	Recorded	26	Projectile	E to W	N/K	22-Sep, 23:06
	3-5km SSE	Recorded	12	Projectile	E to W	N/K	22-Sep, 23:07
	3-5km SSE	Recorded	4	Projectile	E to W	N/K	23-Sep, 00:41
	3-5km SSE	Recorded	2	Projectile	NE to SW	N/K	23-Sep, 01:11
	3-5km SSE	Recorded	3	Projectile	NE to SW	N/K	23-Sep, 01:48
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	23-Sep, 01:49
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	23-Sep, 01:51
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	23-Sep, 01:52
	3-5km S	Recorded	2	Projectile	E to W	N/K	23-Sep, 02:45
	3-5km SSE	Recorded	14	Projectile	E to W	N/K	23-Sep, 03:06
	3-5km S	Recorded	5	Projectile	E to W	N/K	23-Sep, 03:52
3-5km S	Recorded	2	Projectile	W to E	N/K	23-Sep, 03:52	
3-5km S	Recorded	1	Explosion	Undetermined	N/K	23-Sep, 03:52	
3-5km SSE	Recorded	2	Projectile	E to W	N/K	23-Sep, 03:53	
3-5km S	Recorded	1	Projectile	W to E	N/K	23-Sep, 03:53	
3-5km S	Recorded	3	Projectile	E to W	N/K	23-Sep, 03:53	

	3-5km S	Recorded	1	Projectile	E to W	N/K	23-Sep, 04:15
	3-5km S	Recorded	1	Explosion	Airburst	N/K	23-Sep, 04:15
	3-5km SSE	Recorded	2	Projectile	E to W	N/K	23-Sep, 04:17
	3-5km S	Recorded	3	Projectile	W to E	N/K	23-Sep, 04:17
	3-5km S	Recorded	14	Projectile	W to E	N/K	23-Sep, 04:20
	3-5km SSE	Recorded	2	Projectile	E to W	N/K	23-Sep, 04:57
	3-5km SSE	Recorded	4	Explosion	Undetermined	N/K	23-Sep, 05:20
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km ESE	Recorded	1	Projectile	N to S	N/K	22-Sep, 21:05
	4-6km ESE	Recorded	2	Projectile	S to N	N/K	22-Sep, 21:06
	4-6km ESE	Recorded	1	Projectile	N to S	N/K	22-Sep, 21:07
	5-7km ESE	Recorded	1	Projectile	SW to NE	N/K	22-Sep, 22:32
Krasnohorivka (government-controlled, 21km W of Donetsk)	1km E	Heard	26	Shot		Small arms	23-Sep, 12:09-12:10
	1km E	Heard	6	Shot		Small arms	23-Sep, 12:13
	3-4km E	Heard	1	Explosion	Undetermined	N/K	23-Sep, 12:18
	2-3km NNE	Heard	1	Explosion	Undetermined	N/K	23-Sep, 12:28
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km NW	Heard	8	Shot		HMG	23-Sep, 13:54
	1-2km NW	Heard	2	Explosion	Outgoing	N/K	23-Sep, 13:53
	5-7km NW	Heard	2	Explosion	Undetermined	N/K	23-Sep, 14:10
	2km NW	Heard	2	Shot		Small arms	23-Sep, 14:12
	2km NW	Heard	2	Shot		Small arms	23-Sep, 14:15
	1-2km NW	Heard	4	Shot		Small arms	23-Sep, 15:16
	1-2km NW	Heard	3	Shot		Small arms	23-Sep, 14:17
	1-2km NW	Heard	1	Shot		Small arms	23-Sep, 14:19
Khreshchatytske (formerly Krasnoarmiiske, non-government-controlled, 86km S of Donetsk)	3-5km WSW	Heard	2	Explosion	Undetermined	N/K	23-Sep, 12:48-12:51
	3-5km WSW	Heard	12	Burst		HMG	23-Sep, 12:48-12:51
	3-5km SW	Heard	11	Burst		HMG	23-Sep, 12:57-12:58
	3-5km SW	Heard	5	Explosion	Outgoing	N/K	23-Sep, 13:19-13:20
	3-5km SW	Heard	5	Explosion	Impact	N/K	23-Sep, 13:19-13:20
	3-5km SW	Heard	5	Explosion	Outgoing	N/K	23-Sep, 13:22-13:23
	3-5km SW	Heard	5	Explosion	Impact	N/K	23-Sep, 13:22-13:23
	3-5km SW	Heard	4	Explosion	Outgoing	N/K	23-Sep, 13:25-13:27
	3-5km SW	Heard	4	Explosion	Impact	N/K	23-Sep, 13:25-13:27
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SW	Heard	2	Explosion	Undetermined	N/K	22-Sep, 18:32
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 18:35
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 18:36
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 18:37
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 18:56
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 19:08
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 19:10
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 19:20

	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 19:25
	3-5km SW	Heard	12	Explosion	Undetermined	N/K	22-Sep, 20:50-20:55
	2-4km SW	Heard	21	Shot	Undetermined	Small arms	22-Sep, 20:53-20:57
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	22-Sep, 21:12
	2-4km S	Heard	5	Burst	Undetermined	Small arms	22-Sep, 21:37
	2-4km S	Heard	2	Shot	Undetermined	Small arms	22-Sep, 22:19
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 22:24
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 23:07
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 23:10
	3-5km SW	Heard	4	Explosion	Undetermined	N/K	22-Sep, 23:20-23:25
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	22-Sep, 23:27
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	22-Sep, 23:44
	4-6km SW	Heard	2	Explosion	Undetermined	N/K	23-Sep, 16:37
	3-5km E	Heard	1	Explosion	Undetermined	N/K	23-Sep, 17:18
Horlivka (non-government-controlled, 39km NE of Donetsk)	2-4km NW	Heard	1	Explosion	Undetermined	N/K	23-Sep, 16:50
	3-5km NW	Heard	10	Explosion	Undetermined	N/K	23-Sep, 16:53-16:57
Krasnohorivka (government-controlled, 24km N of Donetsk)	5-10km SSE	Heard	1	Explosion	Undetermined	N/K	23-Sep, 11:50
Maiorsk (government-controlled, 45km NE of Donetsk)	800m N	Heard	3	Burst		Small arms	23-Sep, 11:20
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	5-9km NE	Heard	1	Explosion	Undetermined	N/K	23-Sep, 13:19
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	3-6km SSW	Recorded	1	Projectile	NW to SE	N/K	23-Sep, 02:27
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-5km WNW	Heard	16	Shot	Assessed as outside the disengagement area	N/K	22-Sep, 20:16-20:17
NW edge of Almazna (non-government-controlled, 55km W of Luhansk)	1-2km SSW	Heard	20	Explosion	Undetermined (Assessed as live-fire exercise)	N/K	23-Sep, 11:17-11:27
	1-2km SSW	Heard	15	Burst	Assessed as live-fire exercise	Small arms	23-Sep, 11:17-11:27
	1-2km SSW	Heard	12	Shot	Assessed as live-fire exercise	Small arms	23-Sep, 11:17-11:27