

Table of ceasefire violations as of 4 December 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	5	Projectile	SW to NE	N/K	3-Dec, 20:00
	2-4km SE	Recorded	16	Projectile	SW to NE	N/K	3-Dec, 20:01
	2-4km SE	Recorded	17	Projectile	SW to NE	N/K	3-Dec, 20:02
	2-4km SE	Recorded	4	Projectile	SW to NE	N/K	3-Dec, 20:03
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	3-Dec, 20:04
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 20:39
	2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	3-Dec, 20:39
	2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	3-Dec, 20:55
	2-4km SE	Recorded	4	Projectile	NE to SW	N/K	3-Dec, 21:49
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	3-Dec, 22:16
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	3-Dec, 22:16
	2-4km SE	Recorded	3	Projectile	SW to NE	N/K	3-Dec, 22:20
	2-4km SE	Recorded	3	Projectile	NE to SW	N/K	3-Dec, 22:51
	2-4km SE	Recorded	4	Projectile	NE to SW	N/K	3-Dec, 22:55
	4-6km SSE	Recorded	1	Projectile	NNE to SSW	N/K	4-Dec, 02:24
	2-4km SE	Recorded	4	Projectile	SW to NE	N/K	4-Dec, 05:33
	2-4km SE	Recorded	1	Projectile	In vertical flight	N/K	4-Dec, 06:01
3-5km ESE	Recorded	1	Illumination flare	In vertical flight, also recorded by the SMM camera in Hnutove	N/K	4-Dec, 16:57	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	300-600m SSW	Recorded	1	Projectile	In vertical flight	N/K	3-Dec, 19:24
	300-600m SSW	Recorded	1	Projectile	WNW to ESE	N/K	3-Dec, 19:35
	300-500m S	Recorded	1	Projectile	NW to SE	N/K	3-Dec, 22:54
	300-500m SSW	Recorded	1	Projectile	NNW to SSE	N/K	3-Dec, 23:42
	500-800m SSW	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	3-Dec, 23:42
	500-800m SSE	Recorded	1	Explosion	Impact	N/K	3-Dec, 23:56
	200-500m SSW	Recorded	4	Projectile	W to E	N/K	3-Dec, 23:56
	200-500m SSW	Recorded	4	Muzzle flash		N/K	3-Dec, 23:56
	200-500m SSW	Recorded	4	Projectile	N to S	N/K	4-Dec, 00:20
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km ESE	Recorded	9	Projectile	NNE to SSW	N/K	3-Dec, 19:05
	2-4km SE	Recorded	3	Projectile	SSW to NNE	N/K	3-Dec, 19:14
	2-4km ESE	Recorded	31	Projectile	NNE to SSW	N/K	3-Dec, 19:37
	2-4km ESE	Recorded	3	Projectile	SSW to NNE	N/K	3-Dec, 19:37
	2-4km SE	Recorded	2	Projectile	SSW to NNE	N/K	3-Dec, 19:37
	2-4km SE	Recorded	5	Projectile	SSW to NNE	N/K	3-Dec, 19:42
	2-4km E	Recorded	2	Explosion	Undetermined	N/K	3-Dec, 19:42
	2-4km SE	Recorded	6	Projectile	SSW to NNE	N/K	3-Dec, 19:43
	2-4km ESE	Recorded	2	Projectile	SSW to NNE	N/K	3-Dec, 19:56
	2-4km SE	Recorded	4	Projectile	SSW to NNE	N/K	3-Dec, 19:59
	3-5km ESE	Recorded	1	Burst	SW to NE	N/K	3-Dec, 20:38
	3-5km ESE	Recorded	1	Burst	SW to NE	N/K	3-Dec, 21:59
	3-5km ESE	Recorded	1	Projectile	WSW to ENE	N/K	3-Dec, 22:50
	3-5km ESE	Recorded	1	Projectile	NE to SW	N/K	4-Dec, 00:59
	3-5km ESE	Recorded	2	Projectile	NE to SW	N/K	4-Dec, 01:32
	3-5km SE	Recorded	3	Projectile	SW to NE	N/K	4-Dec, 05:15
	3-5km E	Recorded	1	Projectile	In vertical flight	N/K	4-Dec, 17:44
	3-4km E	Recorded	2	Explosion	Undetermined	N/K	4-Dec, 00:07
	2-4km ENE	Recorded	7	Projectile	NNW to SSE	N/K	4-Dec, 00:08

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 position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera E of Lomakyne (government-controlled, 90km S of Donetsk)	2-4km ENE	Recorded	8	Projectile	NNW to SSE	N/K	4-Dec, 00:09
	2-4km ENE	Recorded	11	Projectile	NNW to SSE	N/K	4-Dec, 00:25
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	4-6km E	Recorded	10	Explosion	Undetermined	N/K	3-Dec, 22:03
	4-6km E	Recorded	30	Explosion	Undetermined	N/K	3-Dec, 22:04
	4-6km E	Recorded	15	Explosion	Undetermined	N/K	3-Dec, 22:05
	3-5km E	Recorded	1	Explosion	Outgoing	N/K	3-Dec, 22:11
	3-5km E	Recorded	1	Projectile	N to S, subsequent to previous event	N/K	3-Dec, 22:11
	3-5km E	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	3-Dec, 22:11
	1-3km ENE	Recorded	7	Projectile	NNW to SSE	N/K	4-Dec, 02:52
	1-3km ENE	Recorded	2	Projectile	NNW to SSE	N/K	4-Dec, 02:53
	1-3km ENE	Recorded	1	Projectile	NNW to SSE	N/K	4-Dec, 03:57
	1-3km ESE	Recorded	1	Explosion	Undetermined	N/K	4-Dec, 05:14
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km ESE	Recorded	1	Projectile	NNW to SSE	N/K	3-Dec, 20:57
	4-6km ESE	Recorded	2	Projectile	NNW to SSE	N/K	3-Dec, 20:58
	4-6km ESE	Recorded	2	Projectile	NNW to SSE	N/K	3-Dec, 20:59
	4-6km ESE	Recorded	2	Projectile	NNW to SSE	N/K	3-Dec, 21:00
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 21:00
	4-6km ESE	Recorded	3	Projectile	NNW to SSE	N/K	3-Dec, 21:01
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 21:01
	4-6km ESE	Recorded	2	Projectile	NNW to SSE	N/K	3-Dec, 21:03
	4-6km ESE	Recorded	1	Explosion	Outgoing	N/K	3-Dec, 21:05
	4-6km ESE	Recorded	1	Projectile	SW to NE, subsequent to previous event	N/K	3-Dec, 21:05
	4-6km E	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 21:05
	4-6km ESE	Recorded	1	Projectile	WSW to ENE	N/K	3-Dec, 21:07
	4-6km ESE	Recorded	1	Explosion	Outgoing	N/K	3-Dec, 21:07
	4-6km ESE	Recorded	1	Projectile	WNW to ESE, subsequent to previous event	N/K	3-Dec, 21:07
	4-6km ESE	Recorded	1	Explosion	Outgoing	N/K	3-Dec, 21:07
	4-6km ESE	Recorded	1	Projectile	SW to NE, subsequent to previous event	N/K	3-Dec, 21:07
	4-6km E	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 21:07
	4-6km ESE	Recorded	2	Projectile	NNW to SSE	N/K	3-Dec, 21:09
	4-6km ESE	Recorded	2	Projectile	NNW to SSE	N/K	3-Dec, 21:10
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 21:14
	4-6km ESE	Recorded	1	Explosion	Outgoing	N/K	3-Dec, 21:18
	4-6km ESE	Recorded	1	Projectile	SW to NE, subsequent to previous event	N/K	3-Dec, 21:18
	4-6km ESE	Recorded	1	Explosion	Outgoing	N/K	3-Dec, 21:20
	4-6km ESE	Recorded	1	Projectile	SW to NE, subsequent to previous event	N/K	3-Dec, 21:20
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 21:21
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 21:23
	4-6km E	Recorded	1	Projectile		N/K	3-Dec, 21:23
	4-6km ESE	Recorded	1	Projectile	NW to SE	N/K	3-Dec, 21:23
	4-6km ESE	Recorded	2	Projectile	NNW to SSE	N/K	3-Dec, 21:25
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 21:27
	4-6km E	Recorded	1	Explosion	Outgoing	N/K	3-Dec, 21:29
	4-6km ESE	Recorded	1	Projectile	NW to SE, subsequent to previous event	N/K	3-Dec, 21:29
	4-6km ESE	Recorded	2	Explosion	Undetermined	N/K	3-Dec, 21:30
4-6km ESE	Recorded	1	Projectile	NNW to SSE	N/K	3-Dec, 21:30	
4-6km ESE	Recorded	2	Projectile	NNW to SSE	N/K	3-Dec, 21:37	
4-6km ESE	Recorded	1	Explosion	Outgoing	N/K	3-Dec, 21:37	

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	4-6km ESE	Recorded	1	Projectile	SW to NE, subsequent to previous event	N/K	3-Dec, 21:37
	4-6km E	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 21:37
	4-6km ESE	Recorded	6	Projectile	NNW to SSE	N/K	3-Dec, 21:40
	4-6km ESE	Recorded	1	Projectile	NNW to SSE	N/K	3-Dec, 21:41
	4-6km ESE	Recorded	5	Projectile	NNW to SSE	N/K	3-Dec, 21:44
	4-6km ESE	Recorded	8	Projectile	NNW to SSE	N/K	3-Dec, 21:54
	4-6km ESE	Recorded	3	Projectile	S to N	N/K	4-Dec, 03:31
N part of Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	4-6km NW	Heard	1	Explosion	Undetermined	N/K	4-Dec, 09:16
Marinka (government-controlled, 23km, SW of Donetsk)	1-2km E	Heard	1	Shot		N/K	4-Dec, 09:31
	1-2km ENE	Heard	1	Shot		N/K	4-Dec, 09:39
About 1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km NW	Heard	9	Burst		HMG	4-Dec, 12:57
Yenakiieve (non-government-controlled, 41km NE of Donetsk)	4-6km NW	Heard	1	Explosion	Undetermined	N/K	4-Dec, 12:42
NE part of Lebedynske (government-controlled, 16km NE of Mariupol)	2-4km NE	Heard	2	Burst		HMG	4-Dec, 13:15
	2-4km NE	Heard	5	Burst		Small arms	4-Dec, 13:15
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SSW	Heard	2	Explosion	Undetermined	N/K	3-Dec, 18:56
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	3-Dec, 20:38
	2-3km SW	Heard	5	Shot		Small arms	3-Dec, 20:38
	3-5km SW	Heard	20	Explosion	Undetermined	N/K	3-Dec, 22:04-22:06
	2-4km SW	Heard	46	Burst		HMG	3-Dec, 22:04-22:06
	2-3km SW	Heard	5	Burst		Small arms	3-Dec, 22:12
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	3-Dec, 22:12
	2-3km SW	Heard	21	Burst		Small arms	4-Dec, 14:46-14:48
	2-3km SW	Heard	7	Shot		Small arms	4-Dec, 14:47-14:48
	3-5km SW	Heard	7	Explosion	Undetermined	N/K	4-Dec, 15:35-15:36
	2-3km SW	Heard	16	Burst		Small arms	4-Dec, 15:35-15:37
	2-3km WSW	Heard	2	Burst		Small arms	4-Dec, 16:18
	3-5km WSW	Heard	1	Explosion	Undetermined	N/K	4-Dec, 17:08
	2-3km SW	Heard	5	Burst		Small arms	4-Dec, 17:42
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	5-7km SSE	Heard	1	Explosion	Undetermined	N/K	4-Dec, 12:40-14:16
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	4-6km SSW	Recorded	1	Projectile	NNW to SSE	N/K	3-Dec, 20:58
	4-6km SSW	Recorded	1	Projectile	W to E	N/K	3-Dec, 20:58
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Recorded	1	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	4-Dec, 05:54
	3-5km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	4-Dec, 05:54