

Table of ceasefire violations as of 14 November 2019⁸

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	14-Nov, 16:34
	2-4km SSE	Recorded	1	Muzzle flash		N/K	14-Nov, 16:53
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	14-Nov, 16:53
	2-4km SSE	Recorded	1	Projectile	SSW to NNE	N/K	14-Nov, 16:55
	2-4km SE	Recorded	1	Explosion	Impact, (subsequent to previous event)	N/K	14-Nov, 16:55
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	300-800m S	Recorded	6	Projectile	ENE to WSW	N/K	13-Nov, 19:10
	300-800m SSE	Recorded	2	Projectile	NE to SW	N/K	13-Nov, 19:11
	300-800m S	Recorded	2	Muzzle flash		N/K	13-Nov, 19:29
	300-800m S	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:29
	300-800m SSE	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:29
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	13-Nov, 18:49
	2-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	13-Nov, 18:55
	2-4km ESE	Recorded	2	Projectile	WSW to ENE	N/K	13-Nov, 19:38
	2-4km ESE	Recorded	1	Projectile	WSW to ENE	N/K	13-Nov, 19:39
	2-4km SE	Recorded	16	Projectile	WSW to ENE	N/K	13-Nov, 19:49
	2-4km ESE	Recorded	4	Projectile	WSW to ENE	N/K	13-Nov, 20:27
	2-4km SE	Recorded	14	Projectile	WSW to ENE	N/K	13-Nov, 21:43
	2-4km ESE	Recorded	2	Projectile	NNE to SSW	N/K	13-Nov, 21:53
	2-4km ESE	Recorded	16	Projectile	WSW to ENE	N/K	13-Nov, 22:26
	2-4km E	Recorded	1	Projectile	N to S	N/K	13-Nov, 22:26
	2-4km ESE	Recorded	1	Burst	WSW to ENE	N/K	13-Nov, 22:52
	2-4km ESE	Recorded	1	Burst	WSW to ENE	N/K	13-Nov, 22:58
	2-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	13-Nov, 22:59
	2-4km ESE	Recorded	4	Projectile	WSW to ENE	N/K	13-Nov, 23:55
	2-4km ESE	Recorded	7	Projectile	NNE to SSW	N/K	14-Nov, 00:15
	2-4km ESE	Recorded	1	Projectile	WSW to ENE	N/K	14-Nov, 00:49
	2-4km ESE	Recorded	9	Projectile	WSW to ENE	N/K	14-Nov, 00:50
	2-4km ESE	Recorded	2	Projectile	NNE to SSW	N/K	14-Nov, 01:25
	2-4km ESE	Recorded	3	Projectile	SW to NE	N/K	14-Nov, 01:51
	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	14-Nov, 01:56
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	14-Nov, 01:58
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	14-Nov, 02:00
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	14-Nov, 02:01
	2-4km SE	Recorded	3	Projectile	SW to NE	N/K	14-Nov, 02:03
	2-4km SE	Recorded	6	Projectile	SW to NE	N/K	14-Nov, 02:05
	2-4km SE	Recorded	4	Projectile	SW to NE	N/K	14-Nov, 02:06
	2-4km SE	Recorded	1	Projectile	In vertical flight	N/K	14-Nov, 02:11
	2-4km SE	Recorded	1	Projectile	NNE to SSW	N/K	14-Nov, 02:11
	2-4km ESE	Recorded	3	Projectile	NNE to SSW	N/K	14-Nov, 02:30
	2-4km ESE	Recorded	2	Projectile	In vertical flight	N/K	14-Nov, 02:30
	2-4km ESE	Recorded	8	Projectile	SW to NE	N/K	14-Nov, 02:30
	2-4km ESE	Recorded	6	Projectile	SW to NE	N/K	14-Nov, 03:00
2-4km ESE	Recorded	3	Projectile	SW to NE	N/K	14-Nov, 03:02	

⁸ 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.

	2-4km ESE	Recorded	2	Projectile	NNE to SSW	N/K	14-Nov, 03:02
	2-4km SE	Recorded	3	Projectile	SW to NE	N/K	14-Nov, 03:18
	2-4km SE	Recorded	11	Projectile	WSW to ENE	N/K	14-Nov, 03:25
	2-4km SE	Recorded	5	Explosion	Undetermined	N/K	14-Nov, 03:25
	2-4km SE	Recorded	6	Projectile	SW to NE	N/K	14-Nov, 03:31
	2-4km ESE	Recorded	4	Projectile	SSW to NNE	N/K	14-Nov, 03:59
	2-4km SE	Recorded	1	Muzzle flash		N/K	14-Nov, 05:20
	2-4km ESE	Recorded	1	Projectile	SSW to NNE (subsequent to previous event)	N/K	14-Nov, 05:20
	2-4km ESE	Recorded	3	Projectile	SSW to NNE	N/K	14-Nov, 05:20
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 05:20
	3-5km ESE	Recorded	3	Projectile	NNE to SSW	N/K	14-Nov, 17:45
	3-5km ESE	Recorded	7	Projectile	SSW to NNE	N/K	14-Nov, 17:47
	4-8km ESE	Recorded	1	Projectile	In vertical flight	N/K	14-Nov, 18:18
	3-5km ENE	Recorded	3	Explosion	Undetermined	N/K	14-Nov, 18:19
2-4km ENE	Recorded	1	Projectile	NNE to SSW	N/K	14-Nov, 18:19	
4-8km ESE	Recorded	5	Projectile	NNE to SSW	N/K	14-Nov, 18:19	
SMM camera in Krasnohorivka (government- controlled, 21km W of Donetsk)	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	13-Nov, 18:59
SMM camera E of Lomakyne (government- controlled, 90km S of Donetsk)	2-4km E	Recorded	2	Projectile	NW to SE	N/K	13-Nov, 18:44
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:24
	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 17:16
SMM camera at entry-exit checkpoint in Maiorsk (government- controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Illumination flare	NNW to SSE	N/K	13-Nov, 21:37
	2-4km ENE	Recorded	1	Illumination flare	NNW to SSE	N/K	13-Nov, 21:48
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	13-Nov, 22:05
SMM camera 1km SW of Shyrokyne (government- controlled, 100km S of Donetsk)	2-4km N	Recorded	1	Projectile	W to E	N/K	13-Nov, 18:35
	2-4km N	Recorded	6	Projectile	W to E	N/K	13-Nov, 18:44
	2-4km N	Recorded	2	Explosion	Undetermined	N/K	13-Nov, 18:45
	2-4km N	Recorded	5	Projectile	E to W	N/K	13-Nov, 18:46
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 18:47
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:11
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:27
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:54
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 20:30
	2-4km NNE	Recorded	5	Projectile	E to W	N/K	13-Nov, 20:39
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	13-Nov, 20:39
	3-5km NNE	Recorded	4	Projectile	W to E	N/K	13-Nov, 20:43
	3-5km NNE	Recorded	5	Projectile	W to E	N/K	13-Nov, 20:49
	3-5km NNE	Recorded	1	Muzzle flash		N/K	13-Nov, 20:50
	3-5km NNE	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	13-Nov, 20:50
	3-5km NNE	Recorded	2	Projectile	W to E	N/K	13-Nov, 20:50
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 21:11
	3-5km N	Recorded	3	Projectile	S to N	N/K	13-Nov, 21:25
	3-5km N	Recorded	1	Projectile	S to N	N/K	13-Nov, 23:27
3-5km N	Recorded	8	Projectile	W to E	N/K	14-Nov, 00:03	

	3-5km N	Recorded	1	Projectile	In vertical flight	N/K	14-Nov, 00:03
	3-5km N	Recorded	3	Projectile	WSW to ENE	N/K	14-Nov, 00:05
	3-5km N	Recorded	1	Projectile	ESE to WNW	N/K	14-Nov, 00:10
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 00:10
	3-5km N	Recorded	1	Projectile	S to N	N/K	14-Nov, 00:48
	3-5km N	Recorded	7	Projectile	E to W	N/K	14-Nov, 01:16
	3-5km N	Recorded	1	Projectile	In vertical flight	N/K	14-Nov, 01:16
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 01:23
	4-6km N	Recorded	1	Projectile	In vertical flight	N/K	14-Nov, 01:31
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 01:35
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 01:54
	4-6km N	Recorded	1	Explosion	Airburst	N/K	14-Nov, 01:54
	3-5km N	Recorded	2	Projectile	W to E	N/K	14-Nov, 03:41
	3-5km N	Recorded	1	Projectile	W to E	N/K	14-Nov, 05:15
	3-5km N	Recorded	4	Explosion	Undetermined	N/K	14-Nov, 05:40
	3-5km N	Recorded	3	Explosion	Undetermined	N/K	14-Nov, 05:41
	2-4km N	Recorded	1	Projectile	E to W	N/K	14-Nov, 16:47
	8-10km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 16:53
	6-8km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 16:54
	6-8km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 16:55
	3-5km N	Recorded	6	Projectile	E to W	N/K	14-Nov, 17:07
	3-5km N	Recorded	1	Projectile	W to E	N/K	14-Nov, 17:15
	3-5km N	Recorded	2	Projectile	E to W	N/K	14-Nov, 17:15
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 17:21
	4-6km N	Recorded	3	Projectile	W to E	N/K	14-Nov, 17:55
	4-6km N	Recorded	10	Projectile	W to E	N/K	14-Nov, 18:00
	6-8km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 18:06
	4-6km N	Recorded	10	Projectile	W to E	N/K	14-Nov, 18:21
	4-6km N	Recorded	2	Projectile	E to W	N/K	14-Nov, 18:21
	3-5km N	Recorded	5	Projectile	W to E	N/K	14-Nov, 18:22
Donetsk city centre (non-government-controlled)	4km SE	Heard	3	Explosion	Outgoing	N/K	14-Nov, 09:58-10:12
	12-14km SW	Heard	3	Explosion	Undetermined	N/K	14-Nov, 10:17
About 8km NW of Donetsk city centre (non-government-controlled)	3-4km W	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:50
N edge of Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	5-7km N	Heard	1	Explosion	Undetermined	N/K	14-Nov, 09:55
	5-7km N	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:03
	5-7km N	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:05
	5-7km N	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:40
	5-7km N	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:55
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	3-4km SW	Heard	2	Burst		Small arms	14-Nov, 11:13
	3-4km SW	Heard	3	Explosion	Undetermined	N/K	14-Nov, 11:27-11:30
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SE	Heard	20	Burst		Small arms	14-Nov, 09:00-09:30
	2-3km SE	Heard	10	Shot		Small arms	14-Nov, 09:00-09:30
	2-3km SE	Heard	32	Shot		Small arms	14-Nov, 09:37-09:50
	2-3km SE	Heard	6	Burst		Small arms	14-Nov, 09:37-09:50

	2-3km SE	Heard	4	Shot		Small arms	14-Nov, 09:55-10:22
	2-3km SE	Heard	10	Burst		Small arms	14-Nov, 09:55-10:22
	5-6km SSE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:00
	2-3km SSW	Heard	1	Shot		Small arms	14-Nov, 12:57
	2-3km SSW	Heard	1	Shot		Small arms	14-Nov, 13:10
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km NE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:27
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 10:29
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:30
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 10:32
	2-3km ESE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 10:59
	2-3km E	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:00
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:25
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 11:26
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:28
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:29
	3-4km E	Heard	1	Explosion	Undetermined	N/K	14-Nov, 11:33
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:43
Orlivske (government-controlled, 82km S of Donetsk)	4-6km ESE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 12:44
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SSE	Heard	3	Explosion	Undetermined	N/K	13-Nov, 20:06
	3-4km SSE	Heard	4	Explosion	Undetermined	N/K	13-Nov, 20:08
	3-4km SSE	Heard	2	Explosion	Undetermined	N/K	13-Nov, 20:12
	3-4km SSE	Heard	60	Burst		HMG	13-Nov, 20:35-20:57
	3-4km SSE	Heard	2	Explosion	Undetermined	N/K	13-Nov, 20:58
	3-4km SSE	Heard	70	Burst		HMG	13-Nov, 20:58-21:05
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	13-Nov, 21:09
	3-4km SSE	Heard	6	Explosion	Undetermined	N/K	13-Nov, 21:14-21:20
	3-4km SSE	Heard	30	Burst		HMG	13-Nov, 21:14-21:20
	3-4km SSE	Heard	20	Burst		HMG	13-Nov, 21:20-21:30
	3-4km SSE	Heard	6	Explosion	Undetermined	N/K	13-Nov, 21:20-21:30
	3-4km SSE	Heard	5	Explosion	Undetermined	N/K	13-Nov, 21:35-21:38
	4-6km SSE	Heard	1	Explosion	Undetermined	N/K	13-Nov, 22:31
	3-4km SSE	Heard	9	Burst		HMG	13-Nov, 22:31
	3-4km SSE	Heard	15	Shot		Small arms	13-Nov, 22:31
	4-6km SSE	Heard	1	Explosion	Undetermined	N/K	13-Nov, 22:56
	3-4km SSE	Heard	9	Burst		HMG	13-Nov, 23:52
	3-4km SSE	Heard	6	Shot		Small arms	13-Nov, 23:52
	4-5km SSE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 08:56
	5-7km S	Heard	4	Explosion	Undetermined	N/K	14-Nov, 14:19-14:20
	4-6km S	Heard	1	Explosion	Undetermined	N/K	14-Nov, 15:01
	4-6km SW	Heard	9	Burst		HMG	14-Nov, 15:01-15:06
	4-6km S	Heard	12	Explosion	Undetermined	N/K	14-Nov, 15:11-15:13

	4-6km SW	Heard	8	Explosion	Undetermined	N/K	14-Nov, 15:32-15:37
	5-7km ESE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 15:38-15:40
	3-4km S	Heard	3	Explosion	Outgoing	Mortar (type N/K)	14-Nov, 15:56-15:59
	4-5km SSE	Heard	4	Explosion	Undetermined	N/K	14-Nov, 16:01-16:03
	4-5km SSE	Heard	6	Burst		Small arms	14-Nov, 16:03
	4-5km SSE	Heard	3	Burst		HMG	14-Nov, 16:06
	4-5km SSE	Heard	30	Burst		Small arms	14-Nov, 17:00-17:10
	4-5km SSE	Heard	10	Burst		HMG	14-Nov, 17:43
	4-5km SSE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 17:58
	4-5km SSE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 18:05
	4-5km SSE	Heard	10	Burst		HMG	14-Nov, 18:05
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km NE	Heard	3	Explosion	Undetermined	N/K	14-Nov, 09:30
	2-3km NE	Heard	4	Explosion	Undetermined	N/K	14-Nov, 09:39-09:41
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	14-Nov, 10:28
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:35
	2-3km SSW	Heard	3	Explosion	Undetermined	N/K	14-Nov, 11:00
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	14-Nov, 11:03
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:24-11:26
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	14-Nov, 11:24-11:26
Zaitseve (government controlled, 62km NE of Donetsk)	5-6km SW	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:50
About 1km S of Berestove (government-controlled, 90km NE of Donetsk)	4-5km E	Heard	3	Explosion	Undetermined	N/K	14-Nov, 11:05
	4-5km E	Heard	3	Burst		HMG	14-Nov, 11:05
	4-5km NE	Heard	5	Explosion	Undetermined	N/K	14-Nov, 11:20
	4-5km NE	Heard	3	Burst		HMG	14-Nov, 11:20
S edge of Spime (government controlled, 96km N of Donetsk)	2-3km S	Heard	3	Explosion	Undetermined	N/K	14-Nov, 12:01
N edge of Popasna (government-controlled, 69km W of Luhansk)	6-8km NE	Heard	4	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	13-Nov, 22:35-22:37
	5-7km S	Heard	3	Explosion	Undetermined	N/K	13-Nov, 22:38-22:40
	5-8km ESE	Heard	1	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	14-Nov, 14:20-14:21
	10-15km S	Heard	5	Explosion	Undetermined	N/K	14-Nov, 15:35-15:37
S edge of Berezivske (non-government-controlled, 53km NW of Luhansk)	4-6km N	Heard	1	Explosion	Undetermined	N/K	14-Nov, 13:45

W edge of Pervomaisk (non-government-controlled, 58km W of Luhansk)	4-6km W	Heard	1	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	14-Nov, 14:20-14:21
Zolote-4/Rodina (government-controlled, 59km W of Luhansk)	5-10km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Nov, 14:20