

Table of ceasefire violations as of 2 December 2019⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	2-Dec, 00:36
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	2-Dec, 00:41
	3-5km ESE	Recorded	1	Projectile	NNE to SSW	N/K	2-Dec, 04:15
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	4-6km SE	Recorded	1	Projectile	NE to SW	N/K	1-Dec, 18:53
	4-6km SE	Recorded	1	Explosion	Undetermined	N/K	1-Dec, 18:53
	4-6km SE	Recorded	3	Explosion	Airburst	N/K	1-Dec, 18:55
	4-6km SE	Recorded	2	Explosion	Airburst	N/K	1-Dec, 18:55
	4-6km SE	Recorded	1	Projectile	SSW to NNE	N/K	1-Dec, 19:06
	4-6km SE	Recorded	2	Projectile	SSW to NNE	N/K	1-Dec, 19:07
	4-6km SE	Recorded	1	Projectile	SSW to NNE	N/K	1-Dec, 19:08
	4-6km SE	Recorded	3	Projectile	SSW to NNE	N/K	1-Dec, 19:09
	4-6km SE	Recorded	1	Projectile	SSW to NNE	N/K	1-Dec, 19:10
	4-6km SE	Recorded	1	Projectile	ENE to WSW	N/K	1-Dec, 19:24
	4-6km SE	Recorded	1	Projectile	WSW to ENE	N/K	1-Dec, 19:25
	4-6km SE	Recorded	1	Projectile	WSW to ENE	N/K	1-Dec, 19:26
	3-6km SSE	Recorded	2	Projectile	NE to SW	N/K	1-Dec, 22:16
	3-6km SSE	Recorded	3	Projectile	NE to SW	N/K	1-Dec, 22:17
	3-6km SE	Recorded	1	Projectile	W to E	N/K	1-Dec, 23:48
	3-6km SSE	Recorded	1	Projectile	SW to NE	N/K	2-Dec, 00:01
3-6km SSE	Recorded	1	Projectile	In vertical flight	N/K	2-Dec, 00:01	
2-4km SSE	Recorded	2	Projectile	NE to SW	N/K	2-Dec, 17:18	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.7-2km SSE	Recorded	2	Explosion	Undetermined	N/K	2-Dec, 02:12
	3-5km S	Recorded	1	Explosion	Undetermined		2-Dec, 18:13
	1-2km S	Recorded	1	Explosion	Undetermined		2-Dec, 18:14
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km ESE	Recorded	2	Projectile	NNE to SSW	N/K	1-Dec, 19:30
	3-5km ESE	Recorded	1	Projectile	NNE to SSW	N/K	1-Dec, 20:04
	3-5km ESE	Recorded	1	Explosion	Airburst	N/K	1-Dec, 20:04
	3-5km SE	Recorded	6	Projectile	NNE to SSW	N/K	1-Dec, 20:21
	3-5km SE	Recorded	2	Projectile	NNE to SSW	N/K	1-Dec, 21:15
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	1-Dec, 21:41
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	1-Dec, 22:40
	3-5km SE	Recorded	2	Projectile	NNE to SSW	N/K	1-Dec, 22:41
	3-5km ESE	Recorded	3	Projectile	NNE to SSW	N/K	1-Dec, 22:47
	3-5km ESE	Recorded	3	Projectile	NNE to SSW	N/K	1-Dec, 23:10
	3-5km ESE	Recorded	2	Projectile	NNE to SSW	N/K	2-Dec, 00:54
SMM camera E of Lomakyne (government-controlled, 90km S of Donetsk)	3-5km ESE	Recorded	3	Projectile	S to N	N/K	1-Dec, 18:32
	3-5km ESE	Recorded	1	Projectile	W to E	N/K	1-Dec, 18:32
	3-5km ESE	Recorded	14	Projectile	N to S	N/K	1-Dec, 18:32
	3-5km NNE	Recorded	1	Projectile	SE to NW	N/K	2-Dec, 17:25
SMM camera at entry-exit checkpoint in	2-5km ENE	Recorded	1	Projectile	N to S	N/K	1-Dec, 20:34
	2-5km ENE	Recorded	25	Projectile	N to S	N/K	1-Dec, 20:42
	2-5km ENE	Recorded	1	Projectile	N to S	N/K	1-Dec, 20:43

⁹ 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.

Maiorsk (government-controlled, 45km NE of Donetsk)	2-5km ENE	Recorded	6	Projectile	N to S	N/K	1-Dec, 21:00
	2-5km ENE	Recorded	4	Projectile	N to S	N/K	1-Dec, 23:00
	2-5km ENE	Recorded	1	Projectile	N to S	N/K	2-Dec, 02:43
	2-5km ENE	Recorded	1	Muzzle flash		N/K	2-Dec, 02:54
	2-5km ENE	Recorded	1	Projectile	NNW to SSE, subsequent to previous event	N/K	2-Dec, 02:54
	2-5km ENE	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	2-Dec, 02:54
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	4-7km NNE	Recorded	2	Projectile	E to W	N/K	1-Dec, 22:53
	3-5km N	Recorded	1	Projectile	In vertical flight	N/K	1-Dec, 23:22
	4-7km NNE	Recorded	20	Projectile	E to W	N/K	1-Dec, 23:22
	4-7km NNE	Recorded	3	Projectile	E to W	N/K	1-Dec, 23:36
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 90km S of Donetsk)	3-5km ESE	Recorded	5	Projectile	NNW to SSE	N/K	1-Dec, 18:40
	3-5km ESE	Recorded	2	Explosion	Airburst	N/K	1-Dec, 18:55
	3-5km ESE	Recorded	1	Projectile	NNW to SSE	N/K	1-Dec, 19:25
	3-5km ESE	Recorded	1	Projectile	NNW to SSE	N/K	1-Dec, 19:26
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	1	Muzzle flash		N/K	1-Dec, 17:21
	3-5km N	Recorded	1	Explosion	Airburst	N/K	1-Dec, 17:21
	3-5km NNE	Recorded	5	Projectile	ESE to WNW	N/K	1-Dec, 17:43
	3-5km N	Recorded	1	Projectile	ESE to WNW	N/K	1-Dec, 17:44
	3-5km N	Recorded	1	Projectile	WSW to ENE	N/K	1-Dec, 17:44
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	1-Dec, 17:44
	3-5km N	Recorded	22	Projectile	E to W	N/K	1-Dec, 18:32
	3-5km N	Recorded	11	Projectile	E to W	N/K	1-Dec, 18:33
	3-5km N	Recorded	1	Projectile	E to W	N/K	1-Dec, 18:35
	3-5km N	Recorded	1	Projectile	WSW to ENE	N/K	1-Dec, 18:36
	3-5km NNE	Recorded	8	Projectile	W to E	N/K	1-Dec, 18:41
	3-5km N	Recorded	19	Muzzle flash		N/K	1-Dec, 18:45
	3-5km N	Recorded	9	Projectile	W to E	N/K	1-Dec, 18:45
	3-5km NNE	Recorded	9	Muzzle flash		N/K	1-Dec, 18:45
	3-5km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	1-Dec, 18:50
	3-5km NNE	Recorded	2	Projectile	ESE to WNW	N/K	1-Dec, 18:52
	3-5km N	Recorded	1	Burst	E to W	N/K	1-Dec, 19:14
	3-5km N	Recorded	10	Projectile	E to W	N/K	1-Dec, 19:19
	3-5km NNE	Recorded	1	Muzzle flash		N/K	1-Dec, 19:22
	3-5km NNE	Recorded	10	Projectile	E to W	N/K	1-Dec, 19:22
	3-5km NNE	Recorded	1	Projectile	E to W	N/K	1-Dec, 19:24
	3-5km NNE	Recorded	1	Projectile	E to W	N/K	1-Dec, 19:37
	3-5km NNE	Recorded	2	Muzzle flash		N/K	1-Dec, 19:37
	5-7km N	Recorded	8	Projectile	W to E	N/K	1-Dec, 19:39
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	1-Dec, 20:00
	5-7km N	Recorded	1	Explosion	Airburst	N/K	1-Dec, 20:00
	3-5km N	Recorded	1	Projectile	W to E	N/K	1-Dec, 20:00
	3-5km N	Recorded	1	Projectile	E to W	N/K	1-Dec, 20:04
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	1-Dec, 20:04
	5-7km N	Recorded	1	Projectile	W to E	N/K	1-Dec, 20:07
3-5km N	Recorded	6	Projectile	E to W	N/K	1-Dec, 20:09	
5-7km N	Recorded	3	Explosion	Undetermined	N/K	1-Dec, 20:14	
3-5km N	Recorded	1	Projectile	W to E	N/K	1-Dec, 20:14	

	3-5km N	Recorded	1	Explosion	Airburst, subsequent to previous event	N/K	1-Dec, 20:14
	3-5km NNE	Recorded	10	Projectile	E to W	N/K	1-Dec, 20:41
	3-5km N	Recorded	3	Projectile	E to W	N/K	1-Dec, 20:59
	4-7km N	Recorded	1	Explosion	Undetermined, also recorded by the SMM camera in Hnutove	N/K	1-Dec, 21:41
	3-5km N	Recorded	2	Projectile	E to W	N/K	1-Dec, 21:59
	3-5km N	Recorded	7	Projectile	E to W	N/K	1-Dec, 22:17
	3-5km NNE	Recorded	2	Projectile	E to W	N/K	1-Dec, 22:24
	3-5km NNE	Recorded	15	Projectile	E to W	N/K	1-Dec, 22:25
	3-5km N	Recorded	1	Projectile	E to W	N/K	1-Dec, 22:26
	5-7km N	Recorded	1	Projectile	W to E	N/K	1-Dec, 22:28
	3-5km N	Recorded	1	Projectile	E to W	N/K	1-Dec, 22:29
	5-7km N	Recorded	1	Projectile	SW to NE	N/K	1-Dec, 23:04
	5-7km N	Recorded	6	Projectile	W to E	N/K	1-Dec, 23:07
	4-7km N	Recorded	3	Projectile	SE to NW	N/K	1-Dec, 23:07
	4-7km N	Recorded	2	Projectile	ESE to WNW	N/K	1-Dec, 23:29
	5-7km N	Recorded	6	Projectile	W to E	N/K	2-Dec, 00:01
	3-5km N	Recorded	8	Projectile	E to W	N/K	2-Dec, 00:22
	4-7km N	Recorded	1	Projectile	SE to NW	N/K	2-Dec, 00:22
	3-5km N	Recorded	8	Projectile	E to W	N/K	2-Dec, 00:29
	3-5km N	Recorded	2	Projectile	E to W	N/K	2-Dec, 00:30
	3-5km NNE	Recorded	12	Projectile	E to W	N/K	2-Dec, 00:41
	5-7km N	Recorded	1	Projectile	W to E	N/K	2-Dec, 01:23
	3-5km NNE	Recorded	5	Projectile	E to W	N/K	2-Dec, 01:32
	5-7km N	Recorded	9	Projectile	W to E	N/K	2-Dec, 01:36
	5-7km N	Recorded	12	Projectile	W to E	N/K	2-Dec, 01:41
	5-7km N	Recorded	1	Projectile	W to E	N/K	2-Dec, 01:45
	5-7km N	Recorded	1	Projectile	W to E	N/K	2-Dec, 02:23
	5-7km N	Recorded	2	Projectile	W to E	N/K	2-Dec, 02:31
	3-5km NNE	Recorded	1	Projectile	E to W	N/K	2-Dec, 02:39
	3-5km N	Recorded	1	Projectile	E to W	N/K	2-Dec, 02:42
	5-7km N	Recorded	4	Projectile	W to E	N/K	2-Dec, 02:58
	3-5km N	Recorded	4	Projectile	E to W	N/K	2-Dec, 02:59
	3-5km N	Recorded	1	Projectile	E to W	N/K	2-Dec, 04:01
	3-5km N	Recorded	1	Projectile	E to W	N/K	2-Dec, 04:48
	4-7km N	Recorded	1	Projectile	SE to NW	N/K	2-Dec, 05:25
	5-7km N	Recorded	1	Projectile	W to E	N/K	2-Dec, 06:02
	3-5km N	Recorded	1	Projectile	W to E	N/K	2-Dec, 16:52
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	9	Shot		Small arms	2-Dec, 09:20
	1-2km W	Heard	2	Shot		Small arms	2-Dec, 09:31
	1-2km W	Heard	3	Shot		Small arms	2-Dec, 09:35
	1-2km W	Heard	2	Shot		Small arms	2-Dec, 09:36
	1-2km W	Heard	4	Shot		Small arms	2-Dec, 09:38
	2-3km WSW	Heard	2	Shot		Small arms	2-Dec, 09:44
	2-3km WSW	Heard	13	Shot		Small arms	2-Dec, 09:47
	3-4km NNW	Heard	3	Shot		Small arms	2-Dec, 09:51
	2-3km WSW	Heard	2	Shot		Small arms	2-Dec, 09:52
	2-3km SW	Heard	8	Shot		Small arms	2-Dec, 10:08
	2-3km SW	Heard	8	Shot		Small arms	2-Dec, 10:16
	2-3km SW	Heard	3	Shot		Small arms	2-Dec, 10:18
	2-3km S	Heard	7	Shot		Small arms	2-Dec, 13:20
	2-3km SSW	Heard	3	Shot		Small arms	2-Dec, 13:33
	Railway station in Yasynuvata (non-	3-5km W	Heard	1	Burst		Small arms
3-5km W		Heard	1	Shot		Small arms	2-Dec, 10:37
2-3km W		Heard	7	Explosion	Outgoing	AGL	2-Dec, 12:00

government-controlled, 16km NE of Donetsk)	2-4km W	Heard	2	Burst		Small arms	2-Dec, 12:05
	2-4km W	Heard	8	Shot		Small arms	2-Dec, 12:05
	2-3km WSW	Heard	1	Burst		HMG	2-Dec, 12:19
	2-3km WSW	Heard	1	Burst		HMG	2-Dec, 12:20
	2-3km WSW	Heard	10	Burst		HMG	2-Dec, 12:25
	2-3km WSW	Heard	13	Burst		HMG	2-Dec, 12:26
	2-3km WSW	Heard	9	Shot		HMG	2-Dec, 12:27
	2-3km WSW	Heard	1	Explosion	Undetermined	N/K	2-Dec, 12:27
	2-3km WSW	Heard	3	Shot		HMG	2-Dec, 12:29
	2-4km WSW	Heard	16	Burst		HMG	2-Dec, 12:33
	2-4km WSW	Heard	8	Shot		Small arms	2-Dec, 12:33
	2-4km WSW	Heard	6	Burst		HMG	2-Dec, 12:35
	2-4km WSW	Heard	2	Shot		Small arms	2-Dec, 12:38
	2-4km WSW	Heard	9	Burst		Small arms	2-Dec, 12:41
	2-4km WSW	Heard	2	Shot		Small arms	2-Dec, 12:41
	2-3km WSW	Heard	13	Burst		HMG	2-Dec, 12:45-12:46
	2-3km WSW	Heard	5	Explosion	Outgoing	AGL	2-Dec, 12:45-12:46
	2-3km WSW	Heard	6	Explosion	Outgoing	AGL	2-Dec, 12:55-12:57
	Central railway station in Donetsk city (non-government-controlled, 6km NW of Donetsk city centre)	4-6km NW	Heard	1	Explosion	Undetermined	N/K
About 2km NW of Styla (non-government-controlled, 34km S of Donetsk)	5-7km W	Heard	3	Explosion	Undetermined	N/K	2-Dec, 12:55
Pervomaiske (government-controlled, 17km NW of Donetsk)	1-2km S	Heard	2	Burst		HMG	2-Dec, 13:47
	1-2km S	Heard	2	Shot		HMG	2-Dec, 13:47
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km NE	Heard	2	Explosion	Undetermined	N/K	2-Dec, 09:05-09:10
	1-2km NE	Heard	1	Shot		Small arms	2-Dec, 09:05-09:10
About 2km SW of Pyshchevyk (government-controlled, 84km S of Donetsk)	3-5km ESE	Heard	1	Explosion	Undetermined	N/K	2-Dec, 09:36
	2-4km ESE	Heard	11	Burst		Small arms	2-Dec, 09:57-10:02
	2-4km NE	Heard	2	Explosion	Undetermined	N/K	2-Dec, 09:57-10:02
	2-4km ESE	Heard	1	Explosion	Undetermined	N/K	2-Dec, 10:09
	2-4km ESE	Heard	22	Burst		HMG	2-Dec, 10:24
	2-4km SE	Heard	3	Burst		HMG	2-Dec, 10:44-10:46
	2-4km ESE	Heard	4	Burst		HMG	2-Dec, 10:44-10:46
W edge of Pyshchevyk (government-controlled,	2-4km SSE	Heard	1	Explosion	Undetermined	N/K	2-Dec, 11:45

84km S of Donetsk)							
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km SW	Heard	9	Burst		Small arms	2-Dec, 11:55
	2-3km SW	Heard	33	Shot		Small arms	2-Dec, 14:52-14:53
	2-3km SW	Heard	14	Burst		Small arms	2-Dec, 14:52-14:53
Krasnohorivka (government-controlled, 24km N of Donetsk)	4-5km NW	Heard	14	Explosion	Undetermined	N/K	2-Dec, 11:41
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	4-5km NE	Heard	3	Explosion	Undetermined	N/K	2-Dec, 09:03
	4-5km NE	Heard	4	Explosion	Undetermined	N/K	2-Dec, 09:07
	4-5km NW	Heard	5	Explosion	Undetermined	N/K	2-Dec, 12:43
	4-5km NW	Heard	5	Explosion	Undetermined	N/K	2-Dec, 13:03