

Table of ceasefire violations as of 9 October 2019⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	3-5km SE	Recorded	3	Projectile	W to E	N/K	9-Oct, 04:42
	4-6km SSE	Recorded	1	Muzzle flash		N/K	8-Oct, 19:45
SMM camera in Chernalyk (government-controlled, 77km S of Donetsk)	4-6km SSE	Recorded	1	Explosion	Airburst, subsequent to previous event	N/K	8-Oct, 19:45
	4-6km SSE	Recorded	1	Projectile	In vertical flight	N/K	8-Oct, 19:45
	4-6km SSE	Recorded	2	Projectile	WSW to ENE	N/K	8-Oct, 19:45
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	8-Oct, 19:47
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	8-Oct, 21:09
	4-6km SE	Recorded	1	Projectile	NE to SW	N/K	8-Oct, 21:16
	3-5km SSE	Recorded	4	Projectile	WSW to ENE	N/K	8-Oct, 21:24
	3-5km SSE	Recorded	1	Explosion	Impact	N/K	8-Oct, 21:24
	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	8-Oct, 21:27
	3-5km SE	Recorded	1	Projectile	WSW to ENE	N/K	8-Oct, 22:03
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	8-Oct, 22:37
	8-10km SSE	Recorded	30	Projectile	ENE to WSW (also recorded by Hnutove camera)	N/K	9-Oct, 00:42
	8-10km SSE	Recorded	1	Explosion	Undetermined (also recorded by Hnutove camera)	N/K	9-Oct, 00:42
	8-10km SSE	Recorded	5	Projectile	WNW to ESE (also recorded by Hnutove camera)	N/K	9-Oct, 00:42
	8-10km SSE	Recorded	14	Projectile	ENE to WSW (also recorded by Hnutove camera)	N/K	9-Oct, 00:43
	8-10km SSE	Recorded	1	Projectile	WSW to ENE (also recorded by Hnutove camera)	N/K	9-Oct, 00:43
	8-10km SSE	Recorded	4	Projectile	ENE to WSW	N/K	9-Oct, 00:47
	1-3km SSE	Recorded	3	Projectile	NE to SW	N/K	9-Oct, 01:24
	3-5km SSE	Recorded	2	Projectile	WNW to ESE	N/K	9-Oct, 01:27
	2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	9-Oct, 02:49
	6-8km SSE	Recorded	2	Projectile	SW to NE	N/K	9-Oct, 02:50
	8-10km S	Recorded	3	Projectile	WNW to ESE	N/K	9-Oct, 02:53
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	9-Oct, 03:19
4-6km SSE	Recorded	2	Projectile	NNW to SSE	N/K	9-Oct, 04:10	
4-6km SSE	Recorded	5	Projectile	NE to SW	N/K	9-Oct, 04:10	
4-6km SSE	Recorded	2	Projectile	W to E	N/K	9-Oct, 04:19	
2-4km SSE	Recorded	3	Projectile	SW to NE	N/K	9-Oct, 05:58	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km SSW	Recorded	2	Projectile	In vertical flight	N/K	8-Oct, 19:31
SMM camera 1.5km NE of Hnutove	4-7km S	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 21:48
	2-4km E	Recorded	1	Projectile	S to N	N/K	8-Oct, 22:19
	4-6km E	Recorded	1	Illumination flare		N/K	9-Oct, 00:37

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.

(government-controlled, 90km S of Donetsk)	2-4km E	Recorded	1	Projectile	ENE to WSW	N/K	9-Oct, 03:03
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km ENE	Recorded	2	Projectile	NW to SE	N/K	9-Oct, 02:39
	2-4km ESE	Recorded	6	Projectile	SW to NE	N/K	9-Oct, 02:39
	2-4km ESE	Recorded	4	Projectile	SW to NE	N/K	9-Oct, 02:40
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km E	Recorded	Uncountable	Projectile	SW to NE	N/K	8-Oct, 20:41
	2-4km E	Recorded	2	Projectile	NW to SE	N/K	8-Oct, 21:12
	1-3km ESE	Recorded	1	Projectile	WNW to ESE	N/K	8-Oct, 21:28
	1-3km ENE	Recorded	1	Projectile	SW to NE	N/K	8-Oct, 21:50
	1-3km ESE	Recorded	1	Projectile	NW to SE	N/K	8-Oct, 21:50
	2-4km E	Recorded	2	Muzzle flash		N/K	8-Oct, 21:51
	2-4km E	Recorded	2	Projectile	N to S (subsequent to previous event)	N/K	8-Oct, 21:51
	2-4km E	Recorded	4	Projectile	N to S	N/K	8-Oct, 21:53
	2-4km E	Recorded	1	Explosion		N/K	8-Oct, 21:55
	3-5km E	Recorded	1	Projectile	In vertical flight	N/K	8-Oct, 21:58
	2-4km E	Recorded	2	Projectile	N to S	N/K	8-Oct, 21:59
	2-4km ENE	Recorded	2	Muzzle flash		N/K	8-Oct, 22:47
	2-4km ENE	Recorded	2	Projectile	WNW to ESE	N/K	8-Oct, 22:47
	2-4km ENE	Recorded	2	Projectile	NNW to SSE	N/K	8-Oct, 22:47
	2-4km E	Recorded	2	Projectile	N to S	N/K	8-Oct, 22:47
	2-4km E	Recorded	1	Projectile	NNW to SSE	N/K	8-Oct, 22:51
	2-4km E	Recorded	19	Projectile	N to S	N/K	8-Oct, 23:01
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	8-Oct, 23:25
	2-4km ENE	Recorded	4	Projectile	WNW to ESE	N/K	8-Oct, 23:26
	2-4km ENE	Recorded	3	Projectile	NNW to SSE	N/K	8-Oct, 23:26
	2-4km ENE	Recorded	1	Projectile	WNW to ESE	N/K	9-Oct, 00:17
	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	9-Oct, 00:17
	2-4km E	Recorded	2	Burst	WNW to ESE (approximately 40 rounds)	N/K	9-Oct, 00:30
	2-4km E	Recorded	9	Projectile	NNW to SSE	N/K	9-Oct, 00:47
	2-4km E	Recorded	4	Projectile	NNW to SSE	N/K	9-Oct, 00:48
	2-4km ENE	Recorded	2	Projectile	NW to SE	N/K	9-Oct, 00:50
	2-4km E	Recorded	3	Projectile	NW to SE	N/K	9-Oct, 01:16
	2-4km E	Recorded	1	Explosion	Impact	N/K	9-Oct, 01:22
	3-5km E	Recorded	4	Projectile	N to S	N/K	9-Oct, 01:38
	3-5km E	Recorded	5	Projectile	S to N	N/K	9-Oct, 01:38
	2-4km E	Recorded	1	Projectile	NNW to SSE	N/K	9-Oct, 01:40
	2-4km ENE	Recorded	4	Projectile	S to N	N/K	9-Oct, 01:46
	2-4km E	Recorded	6	Projectile	NNW to SSE	N/K	9-Oct, 01:49
	4-6km E	Recorded	2	Projectile	N to S	N/K	9-Oct, 01:49
	4-6km E	Recorded	4	Projectile	S to N	N/K	9-Oct, 01:50
	4-6km E	Recorded	1	Projectile	N to S	N/K	9-Oct, 01:50
	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	9-Oct, 01:51
	2-4km ENE	Recorded	2	Projectile	NNW to SSE	N/K	9-Oct, 02:03
	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	9-Oct, 02:18
	2-4km E	Recorded	1	Explosion	Impact	N/K	9-Oct, 02:19
	2-4km ENE	Recorded	1	Projectile	SW to NE	N/K	9-Oct, 02:55
2-4km E	Recorded	7	Projectile	N to S	N/K	9-Oct, 02:56	
2-4km E	Recorded	1	Projectile	N to S	N/K	9-Oct, 02:57	
2-4km ENE	Recorded	6	Projectile	N to S	N/K	9-Oct, 03:17	
2-4km E	Recorded	3	Projectile	WNW to ESE	N/K	9-Oct, 03:18	
2-4km ESE	Recorded	1	Projectile	WNW to ESE	N/K	9-Oct, 03:23	
2-4km ESE	Recorded	1	Projectile	WNW to ESE	N/K	9-Oct, 03:30	
2-4km ESE	Recorded	4	Projectile	WSW to ENE	N/K	9-Oct, 03:30	
2-4km ESE	Recorded	6	Projectile	WSW to ENE	N/K	9-Oct, 03:31	

	2-4km ENE	Recorded	2	Projectile	WSW to ENE	N/K	9-Oct, 03:38
	2-4km ENE	Recorded	2	Projectile	NW to SE	N/K	9-Oct, 03:38
	2-4km E	Recorded	2	Projectile	WNW to ESE	N/K	9-Oct, 03:39
	2-4km E	Recorded	1	Projectile	N to S	N/K	9-Oct, 03:56
	2-4km ENE	Recorded	4	Projectile	N to S	N/K	9-Oct, 03:58
	2-4km ENE	Recorded	2	Projectile	N to S	N/K	9-Oct, 03:59
	2-4km ENE	Recorded	5	Projectile	NW to SE	N/K	9-Oct, 04:00
	2-4km ENE	Recorded	2	Projectile	NW to SE	N/K	9-Oct, 04:11
	2-4km E	Recorded	2	Projectile	N to S	N/K	9-Oct, 04:18
	4-6km E	Recorded	3	Projectile	WNW to ESE	N/K	9-Oct, 04:25
	2-4km E	Recorded	1	Projectile	NNW to SSE	N/K	9-Oct, 04:45
	2-4km E	Recorded	1	Projectile	NNW to SSE	N/K	9-Oct, 04:51
	2-4km ENE	Recorded	12	Projectile	N to S	N/K	9-Oct, 04:55
	2-4km ESE	Recorded	3	Projectile	W to E	N/K	9-Oct, 05:42
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 84km S of Donetsk)	3-5km S	Recorded	1	Explosion	Undetermined (also recorded by Chermalyk camera)	N/K	8-Oct, 18:53
	3-5km S	Recorded	1	Illumination flare	In vertical flight (also recorded by Chermalyk)	N/K	8-Oct, 19:24
	3-5km S	Recorded	3	Projectile	W to E	N/K	8-Oct, 19:45
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 19:45
	3-5km S	Recorded	3	Projectile	W to E	N/K	8-Oct, 19:46
	3-5km S	Recorded	2	Projectile	W to E	N/K	8-Oct, 19:47
	8-10km S	Recorded	1	Explosion	Undetermined (also recorded in Chermalyk)	N/K	8-Oct, 21:13
	3-5km S	Recorded	12	Projectile	WNW to ESE (also recorded by Hnutove camera)	N/K	8-Oct, 22:49
	6-8km S	Recorded	3	Projectile	E to W	N/K	8-Oct, 23:27
	8-10km S	Recorded	1	Projectile	W to E	N/K	8-Oct, 23:40
	8-10km S	Recorded	2	Projectile	W to E	N/K	8-Oct, 23:42
	6-8km S	Recorded	4	Projectile	W to E	N/K	8-Oct, 23:53
	6-8km S	Recorded	6	Projectile	W to E	N/K	9-Oct, 01:21
	3-5km S	Recorded	4	Projectile	WNW to ESE	N/K	9-Oct, 02:14
	3-5km SSE	Recorded	3	Projectile	NE to SW	N/K	9-Oct, 02:22
	6-8km S	Recorded	2	Projectile	W to E	N/K	9-Oct, 02:39
	8-10km S	Recorded	1	Explosion		N/K	9-Oct, 02:41
	3-5km SSE	Recorded	20	Projectile	WNW to ESE (also recorded by Hnutove camera)	N/K	9-Oct, 02:55
	3-5km SSE	Recorded	20	Projectile	WNW to ESE (also recorded by Hnutove camera)	N/K	9-Oct, 03:04
	3-5km S	Recorded	12	Projectile	NW to SE	N/K	9-Oct, 03:13
	6-8km S	Recorded	1	Projectile	W to E	N/K	9-Oct, 03:27
	6-8km S	Recorded	3	Projectile	W to E	N/K	9-Oct, 03:30
	6-8km S	Recorded	1	Projectile	W to E	N/K	9-Oct, 03:33
	8-10km S	Recorded	2	Projectile	W to E	N/K	9-Oct, 03:52
	6-8km S	Recorded	4	Projectile	E to W	N/K	9-Oct, 04:36
	6-8km S	Recorded	2	Projectile	W to E	N/K	9-Oct, 04:37
	6-8km S	Recorded	2	Projectile	W to E	N/K	9-Oct, 05:01
6-8km S	Recorded	10	Projectile	E to W	N/K	9-Oct, 05:04	
6-8km S	Recorded	2	Projectile	E to W	N/K	9-Oct, 05:35	
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-4km NNE	Recorded	1	Projectile	W to E	N/K	8-Oct, 18:59
	2-4km NE	Recorded	1	Projectile	ESE to WNW	N/K	8-Oct, 19:19
	2-4km NE	Recorded	1	Illumination flare	In vertical flight	N/K	8-Oct, 19:24
	2-4km N	Recorded	1	Projectile	WSW to ENE	N/K	8-Oct, 19:46
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 19:50
	4-6km N	Recorded	9	Projectile	W to E	N/K	8-Oct, 20:59
4-6km N	Recorded	9	Projectile	W to E	N/K	8-Oct, 21:00	

	4-6km N	Recorded	8	Projectile	WNW to ESE	N/K	8-Oct, 21:01
	4-6km N	Recorded	1	Projectile	W to E	N/K	8-Oct, 21:02
	4-6km N	Recorded	13	Projectile	W to E	N/K	8-Oct, 21:03
	4-6km N	Recorded	14	Projectile	W to E	N/K	8-Oct, 21:04
	4-6km N	Recorded	5	Projectile	W to E	N/K	8-Oct, 21:05
	4-6km N	Recorded	3	Projectile	W to E	N/K	8-Oct, 21:06
	4-6km N	Recorded	3	Explosion	Undetermined	N/K	8-Oct, 21:07
	4-6km N	Recorded	3	Projectile	W to E	N/K	8-Oct, 21:07
	4-6km N	Recorded	7	Projectile	W to E	N/K	8-Oct, 21:08
	4-6km N	Recorded	1	Projectile	SE to NW	N/K	8-Oct, 21:08
	4-6km N	Recorded	2	Projectile	W to E	N/K	8-Oct, 21:09
	4-6km N	Recorded	12	Projectile	W to E	N/K	8-Oct, 21:10
	4-6km N	Recorded	6	Projectile	W to E	N/K	8-Oct, 21:11
	4-6km N	Recorded	4	Projectile	W to E	N/K	8-Oct, 21:12
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 21:12
	4-6km N	Recorded	4	Projectile	E to W	N/K	8-Oct, 21:18
	4-6km N	Recorded	2	Projectile	SW to NE	N/K	8-Oct, 21:18
	4-6km N	Recorded	6	Projectile	W to E	N/K	8-Oct, 21:19
	4-6km N	Recorded	4	Projectile	W to E	N/K	8-Oct, 21:20
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 21:20
	4-6km N	Recorded	15	Projectile	W to E	N/K	8-Oct, 21:21
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 21:21
	4-6km N	Recorded	6	Projectile		N/K	8-Oct, 21:22
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 21:22
	4-6km NE	Recorded	1	Projectile	W to E	N/K	8-Oct, 21:28
	4-6km N	Recorded	3	Projectile	W to E	N/K	8-Oct, 21:56
	4-6km N	Recorded	1	Projectile	W to E	N/K	8-Oct, 21:57
	4-6km N	Recorded	6	Projectile	W to E	N/K	8-Oct, 23:23
	4-6km N	Recorded	8	Projectile	W to E	N/K	9-Oct, 02:29
	4-6km N	Recorded	30	Projectile	W to E	N/K	9-Oct, 02:32
	4-6km N	Recorded	2	Projectile	W to E	N/K	9-Oct, 02:54
	4-6km N	Recorded	5	Projectile	W to E	N/K	9-Oct, 03:04
	4-6km N	Recorded	3	Projectile	SE to NW	N/K	9-Oct, 04:34
	4-6km N	Recorded	1	Projectile	E to W	N/K	9-Oct, 04:53
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km E	Recorded	8	Projectile	N to S	N/K	8-Oct, 18:53
	4-6km ESE	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 19:20
	4-6km E	Recorded	1	Projectile	WNW to ESE	N/K	8-Oct, 22:05
	4-6km ESE	Recorded	3	Projectile	S to N	N/K	8-Oct, 23:49
	4-6km ESE	Recorded	1	Projectile	S to N	N/K	9-Oct, 00:27
Krasnohorivka (government-controlled, 21km W of Donetsk)	2-3km SE	Heard	6	Burst		HMG	9-Oct, 10:42
	2-3km SE	Heard	4	Burst		HMG	9-Oct, 11:02
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km SE	Heard	1	Explosion	Outgoing	N/K	9-Oct, 10:50
	1-2km SE	Heard	1	Explosion	Outgoing	N/K	9-Oct, 10:55
	1-2km SE	Heard	1	Explosion	Outgoing	N/K	9-Oct, 11:00
	2-3km E	Heard	2	Explosion	Undetermined	N/K	9-Oct, 13:09
	2-3km S	Heard	6	Explosion	Undetermined	N/K	9-Oct, 15:14-15:21
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	9-Oct, 15:35
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	9-Oct, 16:05
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	1-2km N	Heard	1	Shot		Small arms	9-Oct, 11:57
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km WSW	Heard	2	Explosion		N/K	9-Oct, 13:40
About 1.8km N of	3km SW	Heard	7	Explosion	Undetermined	N/K	9-Oct, 08:01

Petrivske (non-government-controlled, 41km S of Donetsk)					(assessed as inside of Petrivske disengagement area)		
Petrivske (non-government-controlled, 41km S of Donetsk)	1km S	Heard	3	Shot	Assessed as inside of Petrivske disengagement area	Small arms	9-Oct, 09:45
	1km S	Heard	40	Shot	Assessed as inside of Petrivske disengagement area	Small arms	9-Oct, 10:05-10:38
	1km S	Heard	2	Burst	Assessed as inside of Petrivske disengagement area	Small arms	9-Oct, 10:53
	1km S	Heard	1	Burst	Assessed as inside of Petrivske disengagement area	Small arms	9-Oct, 11:13
	1km S	Heard	3	Shot	Assessed as inside of Petrivske disengagement area	Small arms	9-Oct, 11:20
	1km S	Heard	2	Shot	Assessed as inside of Petrivske disengagement area	Small arms	9-Oct, 11:33
	1km SW	Heard	2	Shot	Assessed as inside of Petrivske disengagement area	Small arms	9-Oct, 15:35
	Debaltseve (non-government-controlled, 58km NE of Donetsk)	6-7km NNW	Heard and saw	1	Explosion	Impact	152mm artillery
8-10km NW		Heard	1	Explosion	Undetermined	N/K	9-Oct, 14:37
2km NE of Chemenko (government-controlled, 86km S of Donetsk)	N/K E	Heard and saw	1	Explosion	Impact	N/K	9-Oct, 10:11
Pavlopil (government-controlled, 84km S of Donetsk)	3-4km E	Heard	3	Explosion	Undetermined	N/K	9-Oct, 12:16
	3-4km E	Heard	1	Explosion	Undetermined	N/K	9-Oct, 12:27
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km SW	Heard	6	Explosion	Undetermined	N/K	8-Oct, 22:30-22:34
N of Staropetrivske (non-government-controlled, 35km NE of Donetsk)	2-4km NW	Heard	4	Explosion	Undetermined	N/K	9-Oct, 10:59-11:01
	1-3km NNW	Heard	8	Explosion	Undetermined	N/K	9-Oct, 11:14-11:48
	1-3km NNW	Heard	2	Burst		HMG	9-Oct, 11:14-11:48
	1-3km NNW	Heard	4	Shot		Small arms	9-Oct, 11:53-11:55
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	3-5km E	Heard	1	Explosion	Undetermined	N/K	9-Oct, 11:20
	4-5km SSE	Heard	2	Explosion	Undetermined	N/K	9-Oct, 13:40
	1-2km SE	Heard	3	Burst		HMG	9-Oct, 13:55
	1-2km SE	Heard	1	Burst		HMG	9-Oct, 14:02
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-3km SE	Recorded	8	Projectile	N to S (assessed as inside the disengagement area)	N/K	8-Oct, 19:04
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	10-15km W	Heard	6	Explosion	Undetermined	N/K	8-Oct, 17:44-18:24
	10-15km W	Heard	6	Burst		N/K	8-Oct, 17:44-18:24
	15-20km WSW	Heard	8	Explosion	Undetermined	N/K	8-Oct, 17:44-18:24

Popasna (government- controlled, 69km W of Luhansk)	7-10km SE	Heard	7	Explosion	Undetermined	N/K	9-Oct, 00:15-00:30
3km E of Orikhove- Donetske (government- controlled, 44km NW of Luhansk)	12-15km SW	Heard	1	Explosion	Undetermined	N/K	9-Oct, 13:15