Table of ceasefire violations as of 3 December 20219

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	1-3km ESE	Recorded	8	Projectile	WSW to ENE	N/K	2-Dec, 20:49
	2-4km ESE	Recorded	2	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:13
	1-3km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:16
	2-4km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:18
	1-3km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:20
	1-3km SE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:20
	1-3km SE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:21
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	1-3km SE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:22
	1-2km SE	Recorded	2	Projectile	WNW to ESE (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 22:25
	1-2km SE	Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 22:25
	2-4km SE	Recorded	3	Explosion	Undetermined (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	2-Dec, 22:34
	2-4km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 22:35
	2-4km SE	Recorded	1	Explosion	Undetermined (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	2-Dec, 22:35
	1-2km SE	Recorded	3	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 23:52
	2-4km ESE	Recorded	2	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	3-Dec, 01:14
	2-4km ESE	Recorded	2	Projectile	In vertical flight (assessed as inside the disengagement area near Petrivske)	N/K	3-Dec, 01:14
MM camera 1.5km NE of Hnutove government-controlled, 90km S of lonetsk)	2-4km E	Recorded	20	Projectile	In vertical flight (also recorded by Shyrokyne 1 camera)	N/K	3-Dec, 17:17
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	2-Dec, 20:15
	4-6km NNE	Recorded	2	Projectile	SSW to NNE	N/K	2-Dec, 20:25
	4-6km N	Recorded	2	Projectile	W to E	N/K	2-Dec, 20:31
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	2-Dec, 20:56
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	2-Dec, 20:57
	4-6km N	Recorded	1	Projectile	W to E	N/K	2-Dec, 21:11
	4-6km N	Recorded	3	Projectile	W to E	N/K	2-Dec, 21:12
	4-6km N	Recorded	4	Projectile	W to E	N/K	2-Dec, 21:13
	4-6km NNE	Recorded	2	Explosion	Undetermined	N/K	2-Dec, 21:13
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	2-Dec, 21:34
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	2-Dec, 21:38
	4-6km N	Recorded	1	Projectile	W to E	N/K	2-Dec, 21:59
	4-6km N	Recorded	3	Projectile	W to E	N/K	2-Dec, 22:00
	4-6km N	Recorded	2	Projectile	W to E	N/K	2-Dec, 22:40
	5-7km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	2-Dec, 22:55

⁹ The table only includes ceasefire violations directly observed by SMM patrols or recorded by the SMM cameras, 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 technical monitoring officers, 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 technical limitations and/or other considerations. Ceasefire violations recorded by more than one patrol/camera and assessed to be the same are entered only once.

	5-7km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	2-Dec, 23:03
	4-6km N	Recorded	1	Projectile	W to E	N/K	2-Dec, 23:16
	4-6km N	Recorded	1	Projectile	E to W	N/K	2-Dec, 23:45
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	2-Dec, 23:51
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 00:10
	4-6km N	Recorded	1	Explosion	Airburst	N/K	3-Dec, 00:10
	4-6km N	Recorded	7	Projectile	W to E	N/K	3-Dec, 02:48
	4-6km N			-		-	
		Recorded	2	Projectile	In vertical flight	N/K	3-Dec, 02:48
	4-6km NE	Recorded	10	Projectile	E to W	N/K	3-Dec, 02:51
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 03:41
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 03:47
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 03:51
	4-6km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	3-Dec, 04:07
	4-6km N	Recorded	1	Projectile	W to E	N/K	3-Dec, 04:36
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 04:36
	4-6km NNE	Recorded	4	Projectile	E to W	N/K	3-Dec, 05:02
	3-5km N	Recorded	11	Projectile	ESE to WNW	N/K	3-Dec, 17:17
	4-6km N	Recorded	1	Projectile	SSE to NNW	N/K	3-Dec, 18:20
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 18:22
	3-5km N	Recorded	1	Projectile	SW to NE	N/K	3-Dec, 18:22
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About 500m ESE of Pivdenne (formerly Leninske, government-controlled, 40km		Heard	3	Burst		Small arms	3-Dec, 10:00-10:0
NE of Donetsk)	1-2km SSE	Heard	3	Burst		HMG	3-Dec, 10:20-10:25
E part of Krasnohorivka (government- controlled, 21km W of Donetsk)	2-3km ESE	Heard	17	Explosion	Outgoing	N/K	3-Dec, 09:26-09:32
SE part of Krasnohorivka (government- controlled, 21km W of Donetsk)	2-4km SE	Heard	1	Explosion	Undetermined	N/K	3-Dec, 09:39
	2-3km S	Heard	21	Explosion	Undetermined	N/K	3-Dec, 09:27-09:4
About 2km ENE of Staromykhailivka non-government-controlled, 15km W	1-2km SW	Heard	20	Shot		Small arms	3-Dec, 09:27-09:4
of Donetsk)	1-2km SW	Heard	4	Burst		HMG	3-Dec, 09:27-09:40
About 3km WSW of Donetsk central ailway station (non-government-controlled, 6km NW of Donetsk)	1km NW	Heard	7	Burst		Small	3-Dec, 11:07
About 1km SSW of Olenivka (non- government-controlled, 23km SW of Donetsk)	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	3-Dec, 12:37
,	5-6km WSW	Heard	1	Explosion		N/K	3-Dec, 09:08
	5-6km SW	Heard	2	Explosion		N/K	3-Dec, 09:20-09:30
	5-6km WSW	Heard	1	Explosion		N/K	3-Dec, 09:42
	5-6km WSW			-			
	10-12km	Heard Heard	4	Explosion Explosion	Undetermined	N/K N/K	3-Dec, 12:31-12:3 3-Dec, 12:35-12:3
About 1km NW of the railway station in	WSW 8-10km	Heard	4	Explosion	Undetermined	N/K	3-Dec, 12:44-12:4
Yasynuvata (non-government- controlled, 16km NE of Donetsk)	WSW 8-10km	Heard	1	Explosion	Undetermined	N/K	3-Dec, 12:51
	WSW 2-3km W	Heard	3	Burst		Small	3-Dec, 12:59-13:00
	0.101 0337	11. 1	-	E1	The determine of	arms	2 D 12 04 12 0
	8-10km SW	Heard	5	Explosion	Undetermined	N/K	3-Dec, 13:04-13:05
	8-10km SW	Heard	1	Explosion	Undetermined	N/K	3-Dec, 13:15
	8-10km SW	Heard	5	Explosion	Undetermined	N/K	3-Dec, 13:29-13:3
Petrivske (non-government-controlled, 41km S of Donetsk)	2km SW	Heard	12	Shot	Assessed as inside the disengagement area	Small arms	3-Dec, 12:11
	3km SW	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	3-Dec, 12:27
	2km SW	Heard	4	Burst	Assessed as inside the disengagement area	HMG	3-Dec, 12:28
Pyshchevyk (government-controlled, 84km S of Donetsk)	2-3km E	Saw	4	Explosion	Undetermined	Artillery (type N/K)	3-Dec, 11:32
About 1.5km NE of Talakivka	1-2km ESE	Heard	1	Explosion	Undetermined	N/K	3-Dec, 09:58
(government-controlled, 90km S of Donetsk)	1-2km ESE	Heard	1	Explosion	Outgoing	N/K	3-Dec, 09:36
,	100-200m N	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	3-Dec, 15:45

Total Guot of Editation)	5-8km SSW	Heard	12	Burst	Assessed as outside the disengagement area	Small arms	3-Dec, 15:30-16:00
E edge of Stanytsia Luhanska (15km north-east of Luhansk)	5-8km SSW	Heard	96	Explosion	Outgoing and impact (assessed as outside the disengagement area)	Artillery (type N/K)	3-Dec, 15:30-16:00
controlled, 69km west of Luhansk)	3-5km SSE	Heard	5	Explosion	Undetermined	N/K	3-Dec, 16:12
N edge of Popasna (government-	3km S	Heard	3	Explosion	Undetermined	N/K	3-Dec, 15:49-15:52
	1-2km W	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement)	N/K	3-Dec, 16:05
SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	1-2km W	Recorded	1	Projectile	ESE to WNW (assessed as outside the disengagement area)	N/K	3-Dec, 16:05
	1-2km W	Recorded	1	Projectile	NNE to SSW (assessed as outside the disengagement area)	N/K	3-Dec, 16:04
	300-500m W	Recorded	1	Muzzle flash	Assessed as outside the disengagement area near Stanytsia Luhanska	N/K	3-Dec, 15:57
	300-500m W	Recorded	3	Projectile	NW to SE (subsequent to previous event, assessed as inside the disengagement area)	N/K	3-Dec, 15:56
	300-500m W	Recorded	3	Muzzle flash	Assessed as outside the disengagement area	N/K	3-Dec, 15:56
	1-2km W	Recorded	5	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	3-Dec, 15:50
	300-500m W	Recorded	1	Projectile	NW to SE (subsequent to previous even, assessed as inside the disengagement area)	N/K	3-Dec, 15:49
	300-500m W	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	3-Dec, 15:49
	300-500m W	Recorded	1	Projectile	NW to SE (subsequent to previous even, assessed as inside the disengagement area	N/K	3-Dec, 15:47
	300-500m W	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	3-Dec, 15:47
	300-500m W	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	3-Dec, 15:46
	300-500m W	Recorded	1	Projectile	NW to SE (subsequent to previous event, assessed as inside the disengagement area)	N/K	3-Dec, 15:46
	300-500m W	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	3-Dec, 15:46
	400-600m NW	Recorded	2	Muzzle flash	Assessed as inside the disengagement area	N/K	3-Dec, 16:05
	NW 400-600m NW	Recorded	1	Projectile	disengagement area) SW to NE (assessed as inside the disengagement area)	N/K	3-Dec, 16:05
	NW 400-600m	Recorded	2	Projectile	E to W (assessed as inside the	N/K	3-Dec, 16:05
	NW 400-600m	Recorded	4	Muzzle flash	disengagement area) Assessed as inside the disengagement	N/K	3-Dec, 16:04
	400-600m	Recorded	2	Projectile	disengagement area) E to W (assessed as inside the	N/K	3-Dec, 16:04
	100-200m N 100-200m N	Recorded Recorded	2	Explosion Projectile	disengagement area) NW to SE (assessed as outside the	N/K N/K	3-Dec, 15:57 3-Dec, 16:00
NE of Luhansk)	100-200m N	Recorded	1	Explosion	disengagement area) Impact (assessed as outside the	N/K	3-Dec, 15:56
SMM camera at Prince Ihor Monument SE of Stanytsia Luhanska bridge (15km	100-200m N	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area) Impact (assessed as outside the	N/K	3-Dec, 15:51
	100-200m N	Recorded	10	Projectile	disengagement area) Undetermined (assessed as outside the	N/K	3-Dec, 15:51
	100-200m NNW	Recorded	1	Explosion	Impact (assessed as outside the disengagement area) NW to SE (assessed as outside the	N/K	3-Dec, 15:49
	100-200m N	Recorded	2	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	3-Dec, 15:47
	100-200m N	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	3-Dec, 15:47
	100-200m NNW	Recorded	2	Explosion	Impact (assessed as outside the disengagement area)	N/K	3-Dec, 15:47
	100-200m N	Recorded	1	Projectile	NW to SE (subsequent to previous event, assessed as outside the disengagement area)	N/K	3-Dec, 15:45

5-8km SSW	Heard	63	Burst	Assessed as outside the disengagement	HMG	3-Dec, 15:30-16:00
				area		
5-8km S	Heard	15	Burst	Assessed as outside the disengagement	HMG	3-Dec, 16:05-16:20
				area		
5-8km S	Heard and	15	Explosion	Outgoing and impact (assessed as	Mortar	3-Dec, 16:05-16:20
	saw			outside the disengagement area)	(type	
					N/K)	