## Table of ceasefire violations as of 15 November 20209

SMM position	<b>Event location</b>	Means	No.	Observation	Description	Weapon	Date, time
SMM camera 1km SW of Shyrokyne (government- controlled, 100km S of Donetsk)	1-3km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:03
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:27
SMM camera on N edge of Popasna (government- controlled, 69km W of Luhansk)	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 01:20
SMM camera 1km SW of Shyrokyne (government- controlled, 100km S of Donetsk)	1-3km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 17:32
N edge of the Zolote disengagement area (government- controlled, 60km W of Luhansk)	3-5km SW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Nov, 11:15- 11:16
	3-4km SW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Nov, 11:55
N edge of	6-8km S	Heard	1	Explosion	Undetermined	N/K	14-Nov, 11:15
Popasna (government- controlled, 69km W of Luhansk)	5-7km S	Heard	1	Explosion	Undetermined	N/K	14-Nov, 11:15
	6-8km S	Heard	1	Explosion	Undetermined	N/K	14-Nov, 11:55
3km N of	5-8km SW	Heard	1	Explosion	Undetermined	N/K	14-Nov, 11:16
Pervomaisk (non- government- controlled, 58km west of Luhansk)	7-9km W	Heard	1	Explosion	Undetermined	N/K	14-Nov, 11:16
W edge of Berezivske (non- government- controlled, 53km NW of Luhansk)	6-7km WSW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Nov, 11:54
2.7km E of Vesela Hora	10-12km SW	Heard	40	Burst		N/K	14-Nov, 12:50- 12:51

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<sup>&</sup>lt;sup>9</sup> 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.

(non-							
government-							
controlled,							
16km N of							
Luhansk)							
SMM camera in							
Avdiivka							
(government-	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	14-Nov, 23:55
controlled,	2-4KIII SE	Recorded	2	Tiojectile	WSW TO ENE	11/12	14-1100, 23.3.
17km N of							
Donetsk)							
SMM camera	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 20:02
1km SW of Shyrokyne (government- controlled,	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	14-Nov, 22:0
	5-7km NNE	Recorded	1	Muzzle flash		N/K	14-Nov, 22:0
	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	14-Nov, 22:0
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:0
100km S of	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	14-Nov, 22:0
Donetsk)	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:0
	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	14-Nov, 22:0
	5-7km NNE	Recorded	1		Undetermined	N/K	
			_	Explosion			14-Nov, 22:0
	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	14-Nov, 22:1
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:1
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:11
	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	14-Nov, 22:1
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:1
	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	14-Nov, 22:2
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:2
	5-7km NNE	Recorded	7	Explosion	Undetermined	N/K	14-Nov, 22:2
	5-7km NNE	Recorded	3	Explosion	Undetermined	N/K	14-Nov, 22:2
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:2
	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	14-Nov, 22:2
	5-7km NNE	Recorded	4		Undetermined	N/K	14-Nov, 22:2
			_	Explosion			
	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	14-Nov, 22:2
	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	14-Nov, 22:3
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:3
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:3
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:3
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:3
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:4
	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	14-Nov, 22:4
	5-7km NNE	Recorded	2	Explosion	Undetermined	N/K	14-Nov, 22:4
	5-7km NNE	Recorded	3	Explosion	Undetermined	N/K	14-Nov, 22:4
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:4
	5-7km NNE	Recorded	3	Explosion	Undetermined	N/K	14-Nov, 22:4
	5-7km NNE	Recorded		Explosion	Undetermined	N/K	14-Nov, 22:5
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	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 22:5
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 23:0
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 23:0
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 23:0
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 23:2
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 23:2
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 23:2
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 23:3
	5-7km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 23:5
	5-7km NNE	Recorded	1	Projectile	E to W	N/K	14-Nov, 23:5
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 23:5
			_		Ondetermined		_
	5-7km NNE	Recorded	1	Muzzle flash	TT 1	N/K	14-Nov, 23:5
	5-7km NNE	Recorded	4	Explosion	Undetermined	N/K	15-Nov, 00:1
	5-7km NNE	Recorded	1	Muzzle flash		N/K	15-Nov, 00:1
	5-7km NNE	Recorded	1	Projectile	W to E	N/K	15-Nov, 00:1