

**Table of ceasefire violations as of 20 August 2017<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Zolote (government-controlled 60km NW of Luhansk)	3-5km E	Recorded 2 projectiles from NW to SE (assessed as outside disengagement area)	N/K	17 August, 21:31
		Recorded 2 projectiles from NW to SE (assessed as outside disengagement area)		17 August, 22:54
	4-5km E	Recorded 1 projectile from NW to SE (assessed as outside disengagement area)		17 August, 23:52
	3-5km ENE	Recorded 1 undetermined explosion (assessed as outside disengagement area)		18 August, 00:45
	9km ENE	Recorded 2 projectiles from SE to NW (assessed as outside disengagement area)		18 August, 00:50
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SSE	Recorded 9 undetermined explosions	N/K	18 August, 19:18-19:23
	3-5km ESE	Recorded 11 projectiles from W to E		18 August, 21:59
		Recorded 5 projectiles from W to E		18 August, 22:00
		Recorded 1 undetermined explosion		18 August, 22:09
		Recorded 1 undetermined explosion		18 August, 22:14
		Recorded 3 projectiles from E to W		18 August, 22:53
		Recorded 5 tracers from N to S		19 August, 04:35
		Recorded 3 explosions (impacts)		19 August, 04:36
		Recorded 1 projectile from N to S		19 August, 04:52
		Recorded 24 tracers from N to S		19 August, 04:53-04:57
		Recorded 30 tracers from N to S		19 August, 04:59
		Recorded 15 tracers from N to S		19 August, 05:01
		Recorded 1 undetermined explosion		19 August, 05:02
		Recorded 1 projectile from N to S		19 August, 05:04
		Recorded 30 tracers from N to S		19 August, 05:10
		Recorded 3 explosions (impacts)		19 August, 05:12-05:14
		Recorded 35 tracers from N to S		19 August, 05:15-05:16
		Recorded 7 explosions (impacts)		19 August, 05:16
		Recorded 3 airbursts		19 August, 05:23
		Recorded 3 explosions (impacts)		19 August, 05:23
Recorded 1 explosion (impact)	19 August, 05:45			
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1km S	Recorded 3 projectiles from W to E	N/K	18 August, 20:41
		Recorded 1 undetermined explosion		19 August, 04:32
		Recorded 2 undetermined explosions		19 August, 05:03
		Recorded 15 tracers from W to E		19 August, 05:13
		Recorded 1 undetermined explosion		19 August, 05:17
		Recorded 20 tracers from E to W		19 August, 05:17
SMM camera in Shyrokyne (20km E of Mariupol)	N/K N	Recorded 3 undetermined explosions	N/K	18 August, 21:36
		Recorded 1 tracer from E to W		18 August, 21:38
		Recorded 7 tracers from W to E		18 August, 21:42
		Recorded 2 tracers from E to W		18 August, 21:45
		Recorded 2 tracers from E to W		

<sup>1</sup> 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.

		Recorded 1 undetermined explosion		
		Recorded 1 undetermined explosion		18 August, 21:46
		Recorded 5 tracers from E to W		18 August, 22:03
		Recorded 7 tracers from E to W		18 August, 22:03
		Recorded 20 tracers from E to W		18 August, 22:04
		Recorded 4 tracers from E to W		18 August, 22:06
		Recorded 5 tracers from E to W		18 August, 22:07
		Recorded 2 tracers from E to W		18 August, 22:10
		Recorded 5 tracers from W to E		18 August, 22:14
		Recorded 4 tracers from E to W		18 August, 22:22
		Recorded 1 tracer from W to E		18 August, 22:43
		Recorded 3 tracers from E to W		18 August, 22:47
		Recorded 2 rocket-assisted projectiles from E to W		18 August, 22:48
		Recorded 1 undetermined explosion		18 August, 22:48
		Recorded 1 tracer from W to E		18 August, 23:05
		Recorded 2 undetermined explosions		18 August, 23:07
		Recorded 3 tracers from E to W		18 August, 23:08
		Recorded 1 undetermined explosion		18 August, 23:39
		Recorded 3 tracers from E to W		18 August, 23:51
		Recorded 4 tracers from E to W		19 August, 00:04
		Recorded 1 tracer from E to W		19 August, 00:38
		Recorded 6 tracers from E to W		19 August, 00:55
		Recorded 3 tracers from E to W		19 August, 00:56
		Recorded 4 tracers from E to W		19 August, 01:25
		Recorded 5 tracers from E to W		19 August, 01:30
		Recorded 4 tracers from E to W		19 August, 01:37
		Recorded 3 tracers from E to W		19 August, 02:23
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km SE	Heard 2 undetermined explosions	N/K	18 August, 21:55
		Heard 3 undetermined explosions		18 August, 23:05
		Heard 1 undetermined explosion		18 August, 23:40
3km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2km SE	Heard 4 undetermined explosions	Mortar (type N/K)	19 August, 10:05-10:07
Starohnativka (government-controlled, 51km S of Donetsk)	3-5km E	Heard 1 undetermined explosion	N/K	19 August, 10:56
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	1-3km NE	Heard 2 shots	Small arms	19 August, 11:15
	2-4km NE	Heard 1 undetermined explosion	N/K	19 August, 11:38
Avdiiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Heard 1 undetermined explosion	N/K	19 August, 10:18
		Heard 2 undetermined explosions		19 August, 14:09
		Heard 1 undetermined explosion		19 August, 15:06
Trudivskiyi area of Petrovskiyi district ("DPR"-controlled, 15km SW of Donetsk city centre)	1-2km W	Heard 5 shots	Small arms	19 August, 12:15
Dokuchaievsk	15-20m S	Heard 35 shots	Small arms	19 August, 12:57

("DPR"-controlled, 30km SW of Donetsk)				
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	5-7km S	Recorded 2 projectiles from SW to NE (assessed as outside disengagement area)	N/K	18 August, 20:34
	4-5km NE	Recorded 1 projectile from NW to SE (assessed as outside disengagement area)		18 August, 21:08
	4-5km E	Recorded 2 projectiles from NW to SE (assessed as outside disengagement area)		18 August, 23:07
	4-5km NE	Recorded 1 projectile from NW to SE (assessed as outside disengagement area)		19 August, 03:58
SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	1km SSE	Recorded 2 tracers from NE to SW (assessed as inside disengagement area)	N/K	18 August, 22:33
N edge of Popasna (government-controlled, 69km W of Luhansk)	10-15km WNW	Heard 1 undetermined explosion	N/K	18 August, 22:17
		Heard 13 shots	HMG	18 August, 22:25
		Heard 4 undetermined explosions	N/K	18 August, 22:26
		Heard 6 undetermined explosions		18 August, 22:30-22:32
	5km WNW	Heard 5 undetermined explosions	HMG	18 August, 22:43
	10km WNW	Heard 2 undetermined explosions		HMG
		Heard 5 shots		
	5-8km W	Heard 12 undetermined explosions	AGL	18 August, 23:08
	10-15km W	Heard 1 undetermined explosion	N/K	18 August, 23:09
	10km WNW	Heard 1 undetermined explosion		18 August, 23:12
	10km E	Heard 1 undetermined explosion		18 August, 23:30
		Heard 2 undetermined explosions		18 August, 23:41
	10-15km E	Heard 1 undetermined explosion		19 August, 00:25
	15km W	Heard 1 undetermined explosion	HMG	19 August, 00:33
				19 August, 00:56
5-8km W	Heard 3 shots	HMG	19 August, 01:35-01:40	
	Heard 80 shots			
10km E	Heard 2 undetermined explosions	N/K	19 August, 02:08	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km SE	Heard 8 undetermined explosions	N/K	19 August, 20:25-20:30
		Heard 9 bursts	HMG	
		Heard 12 undetermined explosions	N/K	19 August, 20:35-20:45
		Heard 5 undetermined explosions		19 August, 21:20-21:25
		Heard 17 bursts	HMG	19 August, 21:50-22:05
		Heard 7 bursts		19 August, 22:15
		Heard 4 undetermined explosions	N/K	19 August, 22:20
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km S	Recorded 1 tracer from E to W	N/K	19 August, 20:48
		Recorded 1 undetermined explosion		19 August, 21:09
		Recorded 9 tracers from E to W		19 August, 21:10
		Recorded 2 tracers from W to E		19 August, 23:36
		Recorded 3 projectiles from W to E		19 August, 23:53
		Recorded 3 projectiles from W to E		20 August, 00:07
		Recorded 1 projectile from W to E		20 August, 00:51
		Recorded 3 tracers from W to E		20 August, 00:52
		Recorded 1 projectile from E to W		20 August, 01:00
		Recorded 5 tracers from W to E		20 August, 02:16
		Recorded 2 tracers from E to W		20 August, 02:20
		Recorded 1 tracer from W to E		20 August, 02:20
		Recorded 5 tracers from W to E		20 August, 02:31

		Recorded 12 tracers from W to E		20 August, 02:36	
		Recorded 7 tracers from E to W		20 August, 02:53-02:54	
		Recorded 5 tracers from W to E		20 August, 03:08	
		Recorded 1 tracer from W to E		20 August, 03:27	
		Recorded 1 tracer from W to E		20 August, 03:30	
		Recorded 2 tracers from W to E		20 August, 03:31	
		Recorded 1 tracer from E to W		20 August, 03:51	
		Recorded 1 tracer from W to E		20 August, 04:08-04:10	
		Recorded 9 tracers from W to E		20 August, 11:20-12:31	
		1.5-3km SSE		Recorded 46 undetermined explosions	
1.5km ESE	Recorded 2 undetermined explosions				
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-5km SE	Recorded 1 projectile from W to E	N/K	19 August, 20:57	
		Recorded 1 undetermined explosion		19 August, 21:08	
		Recorded 3 projectiles from W to E		19 August, 21:15	
		Recorded 3 projectiles from W to E		19 August, 22:25	
		Recorded 1 projectile from E to W		20 August, 00:13	
		Recorded 1 projectile from E to W		20 August, 00:23	
		Recorded 3 projectiles from W to E		20 August, 00:27	
		Recorded 1 projectile from E to W		20 August, 11:00-11:09	
	Recorded 2 projectiles from W to E	20 August, 11:12-11:19			
	5-6km SE	Recorded 20 explosions (impacts)		20 August, 11:26-12:30	20 August, 13:00-13:19
	4-5km ESE	Recorded 15 explosions (impacts)		20 August, 13:20	20 August, 14:03
		Recorded 47 explosions (impacts)			
	4-5km ESE	Recorded 135 undetermined explosions			
		Recorded 2 undetermined explosions			
4-5km E	Recorded 1 undetermined explosion				
4-5km ESE					
SMM camera in Shyrokyne (20km E of Mariupol)	N/K N	Recorded 3 rocket-assisted projectiles from E to W	N/K	19 August, 21:51	
		Recorded 6 rocket-assisted projectiles from E to W		19 August, 21:52	
		Recorded 1 tracer from W to E		19 August, 21:53	
		Recorded 3 undetermined explosions		19 August, 22:07	
		Recorded 1 tracer from W to E		19 August, 22:14	
		Recorded 3 undetermined explosions		19 August, 22:17	
		Recorded 1 tracer from W to E		19 August, 22:20	
		Recorded 1 tracer from W to E		19 August, 22:42	
		Recorded 1 undetermined explosion		19 August, 23:59	
		Recorded 2 tracers from E to W		20 August, 00:14	
		Recorded 6 tracers from E to W		20 August, 01:21	
		Recorded 1 tracer from W to E		20 August, 01:49	
		Recorded 1 tracer from W to E		20 August, 04:25	
		Recorded 1 undetermined explosion		20 August, 04:27	
		Recorded 1 tracer from W to E		20 August, 04:29	
		Recorded 1 tracer from E to W		20 August, 04:32	
		Recorded 1 tracer from E to W		20 August, 04:39	
		Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)		3-5km W	Heard 5 undetermined explosions
3-5km SW	Heard 5 undetermined explosions		20 August, 10:52		
3-5km W	Heard 2 undetermined explosions		20 August, 12:40-12:43		
Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Heard 3 undetermined explosions	N/K	20 August, 11:20	
		Heard 1 undetermined explosion		20 August, 12:20	
	2-4km E	Heard 2 undetermined explosions		20 August, 14:00	
Pikuzy (formerly Kominternove, “DPR”-controlled,	1-2km N	Heard 1 undetermined explosion	N/K	20 August, 12:28	

23km NE of Mariupol)				
N edge of Popasna (government-controlled, 69km W of Luhansk)	5-8km SSE	Heard 10 undetermined explosions	N/K	19 August, 23:52-00:06
		Heard uncountable overlapping shots	AGS	
		Heard uncountable overlapping shots	Small arms	
	6-7km NE, ENE	Heard 5 shots		20 August, 00:37
	5-8km SSE	Heard 39 undetermined explosions	N/K	20 August, 00:26-01:15
		Heard uncountable overlapping shots	AGL	
		Heard uncountable overlapping bursts	HMG	
		Heard uncountable overlapping shots	Small arms	
	5-7km SSW	Heard 1 undetermined explosion	N/K	20 August, 02:17
	5-10km SSW	Heard 1 undetermined explosion		20 August, 02:18
	10km SSW	Heard 4 undetermined explosions		20 August, 02:26
	5-7km SSW	Heard 2 undetermined explosions		20 August, 03:22
	5-10km SSE	Heard 2 bursts	HMG	20 August, 03:27-03:28
		Heard 5 shots	Small arms	
		Heard 2 bursts	HMG	
	10km SSE	Heard 1 undetermined explosion	N/K	20 August, 04:49
	5-10km SSE	Heard 2 undetermined explosions		N/K
		Heard 3 undetermined explosions	20 August, 05:10-05:15	
		Heard 1 burst		HMG
		Heard 1 undetermined explosion		N/K
		Heard 1 burst		HMG
		Heard 5 shots		Small arms
		Heard 1 undetermined explosion		N/K
		Heard 3 undetermined explosions		
		Heard 1 undetermined explosion		
		Heard 2 bursts	HMG	20 August, 05:30-05:38
		Heard uncountable overlapping shots	Small arms	
Heard 1 undetermined explosion		N/K	20 August, 05:45	
Heard 2 undetermined explosions	20 August, 05:58			
Heard 2 undetermined explosions	20 August, 06:07			
Heard 3 undetermined explosions				
700m N of Pervomaisk ("LPR"-controlled, 58km W of Luhansk)	10km SW	Heard 2 undetermined explosions (assessed as outside disengagement area)	N/K	20 August, 09:40
SE edge of Popasna (government-controlled, 69km W of Luhansk)	5-7km SE	Heard 4 undetermined explosions	Mortar (type N/K)	20 August, 09:50-10:05
		Heard 50-100 bursts	HMG	
		Heard 150-200 shots	Small arms	
		Heard 20 shots	IFV (BMP-2) cannon	
S edge of Kalynove ("LPR"-controlled, 60km W of Luhansk)	10km NW	Heard 5 undetermined explosions and saw smoke	N/K	20 August, 10:25-10:35
		Heard 7 undetermined explosions		
		Heard 2 bursts	HMG	20 August, 10:50-12:35
	5km NW	Heard 42 undetermined explosions	N/K	
		Heard 4 shots	Small arms	
3km SW	Saw 1 airburst	Mortar (120mm)		

	5km NW	Heard 4 undetermined explosions	N/K	
	7km NW	Saw 2 tracers from N to S		20 August, 11:40
3km NE of Novozvanivka (government-controlled, 70km W of Luhansk)	0.8-1km E	Heard 2 explosions	N/K	20 August, 11:00

### Map of Donetsk and Luhansk regions<sup>2</sup>



<sup>2</sup> The SMM is deployed to ten locations throughout Ukraine, in Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv, as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: a forward patrol base from which SMM staff has temporarily relocated since 27 September 2016 based on recommendations of security experts from participating States.)