

**Table of ceasefire violations as of 24 March 2017<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km ESE	Recorded 2 projectiles from S to N	N/K	23 March, 18:49-18:52
		Recorded 1 projectile from N to S		23 March, 18:52
		Recorded 1 undetermined explosion		23 March, 18:52
		Recorded 3 projectiles from S to N		23 March, 18:53-18:56
	4-6km S	Recorded 2 projectile from E to W		23 March, 19:00
		Recorded 1 projectile from E to W		23 March, 19:33
	4-6km ESE	Recorded 1 projectile from N to S		23 March, 20:13
	4-5km SSE	Recorded 1 undetermined explosion		24 March, 16:15
		Recorded 1 undetermined explosion		24 March, 16:21
		Recorded 1 undetermined explosion		24 March, 16:22
		Recorded 1 airburst		24 March, 16:43
		Recorded 1 airburst		24 March, 16:45
		Recorded 1 airburst		24 March, 16:48
	4-5km ESE	Recorded 1 undetermined explosion		24 March, 16:58
		Recorded 1 undetermined explosion		24 March, 16:59
		Recorded 1 undetermined explosion		24 March, 17:00
		Recorded 1 undetermined explosion		24 March, 17:03
		Recorded 2 undetermined explosions		24 March, 17:04
		Recorded 1 undetermined explosion		24 March, 17:06
		Recorded 1 undetermined explosion		24 March, 17:07
		Recorded 2 undetermined explosions		24 March, 17:11
		Recorded 1 undetermined explosion		24 March, 17:12
		Recorded 1 undetermined explosion		24 March, 17:13
		Recorded 1 undetermined explosion		24 March, 17:14
		Recorded 1 undetermined explosion		24 March, 17:16
		Recorded 1 undetermined explosion		24 March, 17:20
		Recorded 1 undetermined explosion		24 March, 17:22
		Recorded 1 undetermined explosion		24 March, 17:23
		Recorded 1 undetermined explosion		24 March, 17:25
		Recorded 2 undetermined explosions		24 March, 17:26
		Recorded 1 undetermined explosion		24 March, 17:28
		Recorded 1 undetermined explosion		24 March, 17:29
		Recorded 2 undetermined explosions		24 March, 17:33
		Recorded 2 undetermined explosions		24 March, 17:35
		Recorded 1 projectile from W to E		24 March, 17:50
		Recorded 2 projectiles from W to E		24 March, 17:51
		Recorded 3 projectiles from W to E		24 March, 17:52
		Recorded 1 projectiles from N to S		24 March, 17:53
		Recorded 1 projectile from W to E		24 March, 17:56
	Recorded 1 projectiles from N to S	24 March, 17:58		
Recorded 1 projectile from W to E	24 March, 18:07			
Recorded 1 projectile from W to E	24 March, 18:08			
Recorded 1 projectile from W to E	24 March, 18:15			
Horlivka (“DPR”-controlled, 39km NE of Donetsk)	5km WSW	Heard 13 explosions (outgoing)	Artillery (type N/K)	23 March, 20:30-21:30
		Heard 10 explosions (impacts)		
		Heard 10 undetermined explosions		
	7-8km NW	Heard 6 undetermined explosions	Artillery (type N/K)	23 March, 21:49-21:52
5km SW	Heard 18 explosions (outgoing)	Artillery (type N/K)	23 March, 21:55-23:40	

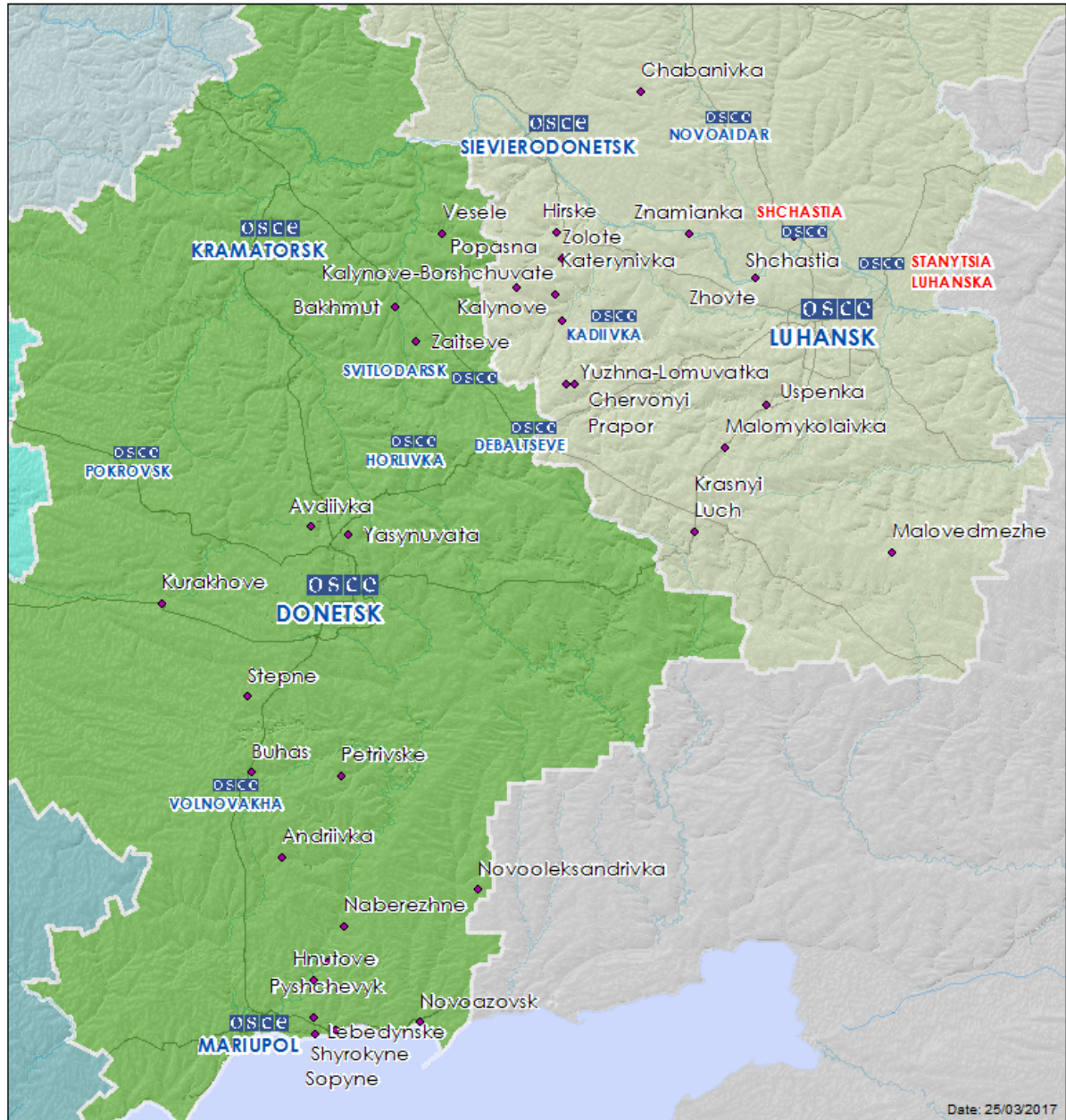
<sup>1</sup> The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors 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.

		Heard 8 explosions (impacts)			
Svitlodarsk(government-controlled, 57km NE of Donetsk)	6-7km SW	Heard 6 undetermined explosions	N/K	24 March, 17:45-17:47	
	7-8km SW	Heard 12 undetermined explosions			24 March, 17:58-18:02
		Heard 9 explosions (impacts)	Mortar (120mm)	24 March, 17:58-18:08	
		Heard 6 undetermined explosions	N/K	24 March, 18:08-18:25	
		Heard uncountable overlapping bursts and shots	Anti-aircraft cannon (ZU-23, 23mm), HMG and small arms		
	4-6km SW	Heard 11 bursts	HMG	23 March, 21:59-22:14	
	4-8km SW	Heard 63 undetermined explosions	N/K	23 March, 22:56-00:00	
		Heard 9 bursts	Small arms		
Heard 15 undetermined explosions		N/K	24 March, 00:00-00:14		
SMM camera at Shyrokyne (20km E of Mariupol)	N/K NNE	Recorded 1 undetermined explosion	N/K	23 March, 22:05	
		Recorded 3 tracer rounds from W to E		23 March, 22:07	
		Recorded 4 tracer rounds from E to W		23 March, 22:14	
		Recorded 1 tracer round from E to W		23 March, 22:53	
	N/K N	Recorded 1 tracer round from W to E		24 March, 03.19	
		Recorded 1 tracer round from W to E		24 March, 03.20	
		Recorded 1 undetermined explosion		24 March, 03.41	
		Recorded 1 tracer round from W to E		24 March, 03.55	
		Recorded 1 undetermined explosion			
		Recorded 1 tracer round from W to E		24 March, 04.36	
	3km ENE	Recorded 1 burst		HMG	24 March, 17:59
		Recorded 1 rocket-assisted projectile from E to W		N/K	24 March, 18:03
		Recorded 1 burst		HMG	24 March, 18:05
	Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	15km NW		Heard 28 undetermined explosions	N/K
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	2-4km NW	Heard 1 undetermined explosion	N/K	24 March, 09:17	
	2-3km W	Heard 3 bursts	Small arms	24 March, 09:22	
		Heard 1 undetermined explosion	N/K	24 March, 09:30	
	1-3km W	Heard 2 bursts	Small arms	24 March, 09:38	
		Heard 10 shots		24 March, 09:41	
	2-4km W	Heard 2 undetermined explosions	N/K	24 March, 10:08	
	1-3km SW	Heard 3 bursts	Small arms	24 March, 10:40	
	1-2km SW	Heard uncountable overlapping bursts		24 March 11:15-11:21	
	2-4km W	Heard 1 undetermined explosion	N/K	24 March, 11:18	
	2-4km W	Heard 2 undetermined explosions		24 March, 11:25	
	1-3km W	Heard 5 shots	HMG	24 March, 11:50	
	2-4km W	Heard 6 bursts		24 March, 12:00	
	2-4km W	Heard 2 bursts	N/K	24 March, 12:10	
				Heard 7 bursts	24 March, 12:22-12:30
		Heard 26 undetermined explosions		24 March, 12:31-12:33	
		Heard 3 undetermined explosions		24 March, 12:37-12:40	
		Heard 7 undetermined explosions			
	1-3km SE	Heard 5 undetermined explosions	HMG	24 March, 12:30-12:35	
		Heard 9 bursts (3-4 shots)			
		Heard 10 bursts (3-4 shots)	Small arms		
	1-4km SE	Heard 5 undetermined explosions	N/K	24 March, 12:37	
	2-4km SE	Heard 5 undetermined explosions		Small arms	24 March, 12:41
		Heard 7 bursts	24 March, 14:30		
		Heard 2 bursts	N/K	24 March, 14:34	
		Heard 2 undetermined explosions		24 March, 14:35	
		Heard 2 undetermined explosions		24 March, 14:37	
		Heard 2 undetermined explosions		24 March, 14:39	
2-3km NW	Heard 5 undetermined explosions	N/K	24 March, 13:54-14:02		
1-2 NW	Heard uncountable overlapping bursts	HMG			
1-2km SW	Heard uncountable overlapping bursts	Small arms			
0.5km SW	Heard 1 shot				

Avdiivka (government-controlled, 17km N of Donetsk)	2-3km E	Heard 1 undetermined explosion	N/K	24 March, 09:30
	6-8km S	Heard 4 undetermined explosions		24 March, 11:04
	5-7km W	Heard 2 undetermined explosions		24 March, 11:08
	4-6km S	Heard 4 undetermined explosions		24 March, 11:10
	6-8km S	Heard 1 undetermined explosion		24 March, 11:14
	5-7km W	Heard 1 undetermined explosion		24 March, 11:16
	4-6km W	Heard 1 undetermined explosion		24 March, 11:20
	4-6km SE	Heard 1 undetermined explosion		24 March, 11:26
		Heard 1 undetermined explosion		24 March, 11:26
	1-3km SE	Heard 19 bursts (3-4 shots)		HMG
		Heard 75 shots	Small arms	
		Heard 8 bursts		
		Heard 12 bursts	HMG	
	2-3km S	Heard 1 undetermined explosion	N/K	24 March, 12:15
	3-4km SW	Heard 6 undetermined explosions		24 March, 12:25
	1-2km S	Heard 1 undetermined explosion		
	3-4km S	Heard 1 undetermined explosion		
	4-7km SE	Heard 29 undetermined explosions		24 March, 13:20-13:38
	0.5km SE	Heard 1 undetermined explosion		24 March, 13:40
	4-7km SE	Heard 3 undetermined explosions		24 March, 13:42
2-3km SE	Heard 7 bursts (3-4 shots)	HMG		24 March, 13:50
4-7km SE	Heard 6 undetermined explosions	N/K	24 March, 13:56-14:00	
1km N of Pyschchevyk (government controlled, 25km NE of Mariupol)	N/K WSW	Heard 2 undetermined explosions	N/K	24 March, 09:35-10:05
	3-5km SSE	Heard 4 bursts	HMG	
	0.3km NNE	Heard 1 undetermined explosion	N/K	
3km NE of Hnutove (government controlled, 20km NE of Mariupol)	N/K SE	Heard 1 undetermined explosion	N/K	24 March, 09:52
	N/K W	Heard 1 undetermined explosion		24 March, 09:52-10:04
	N/K SSE	Heard 3 undetermined explosions		24 March, 12:58
	N/K NNE	Heard 1 undetermined explosion		24 March, 15:00-15:10
	3-4km S	Heard 12 bursts	IFV (BMP-2) cannon (30mm)	24 March, 15:00-15:10
1.5km SE of Lomakyne (government controlled, 15km NE of Mariupol)	N/K W	Heard 1 undetermined explosion	N/K	24 March, 09:54
Andriivka (government controlled, 61km S of Donetsk)	3-4km NW (assessed as a live-fire exercise)	Heard 3 undetermined explosions	N/K	24 March, 10:30
		Heard 3 undetermined explosions		24 March, 10:55
	5-6km W	Heard 5 undetermined explosions		24 March, 11:30
Novooleksandrivka (“DPR”- controlled, 75km SE of Donetsk)	5-6km SW (assessed as a live-fire exercise)	Heard 10 undetermined explosions,	N/K	24 March, 11:12-11:15
		Heard uncountable overlapping bursts and shots	HMG and Small arms	
1.6km N of Sopyne (government controlled, 16km E of Mariupol)	N/K NE	Heard 7 explosions (outgoing)	N/K	24 March, 12:15 – 12:45
Donetsk central railway station (“DPR”- controlled, 6km NW of Donetsk city centre)	2-4km W	Heard 63 bursts	HMG	24 March, 12:15-12:36
	3-5km W	Heard 49 undetermined explosions	N/K	
	3-5km NW	Heard 2 undetermined explosions	HMG	24 March, 12:22-12:30
		Heard 4 bursts		
	3-5km WNW	Heard 4 undetermined explosions	N/K	24 March, 12:35
	3-4km N	Heard 3 shots	Small arms	24 March, 12:53
	4-6km WNW	Heard 42 undetermined explosions	N/K	24 March, 13:20-13:40
		Heard 5 bursts	HMG	
		Heard 1 bursts	Small arms	
	3-5km WNW	Heard 1 undetermined explosion	N/K	24 March, 13:52
		Heard 6 undetermined explosions		24 March, 14:00-14:05
		Heard 1 burst	Small arms	24 March, 14:07
		Heard 6 explosions (outgoing)	N/K	24 March, 14:08-14:11
Heard 6 subsequent explosions (impacts)				
Heard 1 burst		Small arms		

		Heard 1 burst	HMG	24 March, 14:15		
		Heard 14 undetermined explosions	N/K			
		Heard 3 bursts	HMG			
			3-5km NW	Heard 9 undetermined explosions	N/K	24 March, 14:20
				Heard 3 bursts	Small arms	
		Heard 2 bursts				
SE edge of Sopyne (government controlled, 16km E of Mariupol)	N/K ENE	Heard 2 undetermined explosions	N/K	24 March, 14:22		
	N/K NNE	Heard 2 undetermined explosions		24 March, 13:05		
SMM camera at Oktiabr mine” (9km NW of Donetsk city centre)	4-6km NNE	Recorded 2 undetermined explosions	N/K	24 March, 13:16		
		Recorded 2 undetermined explosions		24 March, 16:06		
		Recorded 1 airburst		24 March, 16:08		
		Recorded 2 projectiles from E to W		24 March, 17:00		
SMM camera in the Zolote disengagement area (government-controlled, 60km NW of Luhansk)	3km SSE	Recorded 1 undetermined explosion (assessed as outside the disengagement area)	N/K	24 March, 18:16		
	3km NE	Recorded 1 outgoing rocket projectile(assessed as outside the disengagement area)	RPG	22 March, 20:16		
	2.5km NE	Recorded 1 undetermined explosion (assessed as outside the disengagement area)	N/K	22 March, 20:36		
SMM camera in the Stanytsia Luhanska disengagement area (government-controlled, 16km NE of Luhansk)	1km SE	Recorded 1 outgoing explosion (assessed as inside the disengagement area)	AGL	22 March, 23:48		
Kalynove (“LPR”-controlled, 60km W of Luhansk)	10km WSW	Heard 3 undetermined explosion	N/K	23 March, 01:58		
	5km SW	Heard 1 explosion (outgoing)	Artillery/M ortar	24 March, 09:05		
	5km W	Heard 4 explosions (outgoing)		24 March, 09:14		
		Heard 8 explosions (outgoing)		24 March, 09:40		
“LPR” checkpoint S of the Zolote disengagement area (60km west of Luhansk)	6km NNE	Heard 1 undetermined explosion	N/K	24 March, 10:02		
Malomykolaivka (“LPR”- controlled, 36km SW of Luhansk)	5-7km W/NW (assessed as a live-fire exercise)	Heard 12 explosions, (outgoing and impacts)	Tank	24 March, 09:13		
Kalynove-Borshchuvate (“LPR”-controlled, 61km W of Luhansk)	5km SW	Heard 20 shots	HMG	24 March, 09:15-09:45		
		Heard 4 undetermined explosions	N/K	24 March, 09:34		
Trokhizbenka (government- controlled, 33km NW of Luhansk)	3-4km SSW	Heard 3 bursts	HMG	24 March, 09:40		
	5-6km SSW	Heard 3 bursts		24 March, 09:50		
Katerynivka (government- controlled, 60km W of Luhansk)	15-20km S	Heard 6 undetermined explosions (outside the disengagement area)	N/K	24 March, 10:25		
Molodizhne (“LPR”- controlled, 63km NW of Luhansk)	7-8km SW	Heard 2 undetermined explosions	N/K	24 March, 11:49-11:53		
W of Znamianka (“LPR”- controlled, 36km NW of Luhansk)	1km S	Heard 8 single shots	Small arms	24 March, 11:53		
	15-20mm	Heard 1 shot		24 March, 12:10		
5km S of Slovianoserbsk (“LPR”-controlled, (28km NW of Luhansk)	2-3km W	Heard 3 single shots	Small arms	24 March, 12:58		
S of Novozvanivka (government-controlled, 70km W of Luhansk)	4-5km E	Heard 1 undetermined explosion	N/K	24 March, 13:29		
2km E of Popasna (government-controlled, 69km W of Luhansk)	1km SSE	Heard 1 explosion (outgoing)	N/K	24 March, 13:44		

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



<sup>2</sup> The SMM is deployed to ten locations throughout Ukraine – 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: forward patrol bases from which SMM staff has temporarily relocated since 27 September based on recommendations of security experts from participating States.)