

**Table of ceasefire violations as of 23 May 2017<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
"DPR"-controlled Donetsk city centre	6-10km NNW	Heard 34 undetermined explosions	N/K	22 May, 19:47-19:57
		Heard 11 undetermined explosions		22 May, 20:05-20:20
		Heard 18 undetermined explosions		22 May, 20:24-20:35
		Heard 12 undetermined explosions		22 May, 20:38-20:48
		Heard 7 undetermined explosions		22 May, 20:55-21:01
		Heard 5 undetermined explosions		22 May, 21:16-21:18
		Heard 34 undetermined explosions		22 May, 21:42-22:02
		Heard 8 undetermined explosions		22 May, 22:09-22:11
		Heard 18 undetermined explosions		22 May, 23:13-23:36
		Heard 5 undetermined explosions		22 May, 23:47-23:58
		Heard 4 undetermined explosions		23 May, 00:01
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Recorded 6 undetermined explosions	N/K	22 May, 18:41-18:44
		Recorded 2 undetermined explosions		22 May, 18:47
		Recorded 2 undetermined explosions		22 May, 19:03
		Recorded 1 undetermined explosion		22 May, 19:34
		Recorded 1 undetermined explosion		22 May, 19:56
		Recorded 9 undetermined explosions		22 May, 20:00-20:09
		Recorded 1 undetermined explosion		22 May, 20:15
		Recorded 2 undetermined explosions		22 May, 20:20
		Recorded 2 undetermined explosions		22 May, 20:24
		Recorded 3 undetermined explosions		22 May, 20:30-20:32
		Recorded 2 undetermined explosions		22 May, 20:37
		Recorded 4 projectiles from S to N		22 May, 20:39
		Recorded 7 projectiles from S to N		22 May, 20:52
		Recorded 4 projectiles from S to N		22 May, 20:54
		Recorded 4 projectiles from N to S		
		Recorded 1 illumination flare in vertical flight		22 May, 20:55
		Recorded 6 projectiles from S to N		
		Recorded 3 projectiles from N to S		22 May, 21:01
		Recorded at least 10 projectiles from S to N		
		Recorded 1 airburst		22 May, 21:02
		Recorded 9 projectiles from N to S		
		Recorded 2 projectiles from S to N		22 May, 21:03
		Recorded 4 projectiles from S to N		
		Recorded 3 projectiles from N to S		22 May, 21:04
		Recorded 8 projectiles from S to N		
		Recorded 5 projectiles from N to S		22 May, 21:06
		Recorded 2 illumination flares in vertical flight		
		Recorded 9 projectiles from S to N		22 May, 21:07
		Recorded 4 projectiles from S to N		
		Recorded 8 projectiles from N to S		22 May, 21:12
		Recorded 7 projectiles from N to S		
		Recorded 8 projectiles from S to N		22 May, 21:26
Recorded 1 projectile from S to N				
Recorded 6 projectiles from S to N	22 May, 21:31			
Recorded 8 projectiles from S to N				
Recorded 6 projectiles from N to S	22 May, 22:15			
Recorded 8 projectiles from S to N				
Recorded 6 projectiles from N to S	22 May, 22:30			
Recorded 6 projectiles from N to S	22 May, 22:31			

<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.

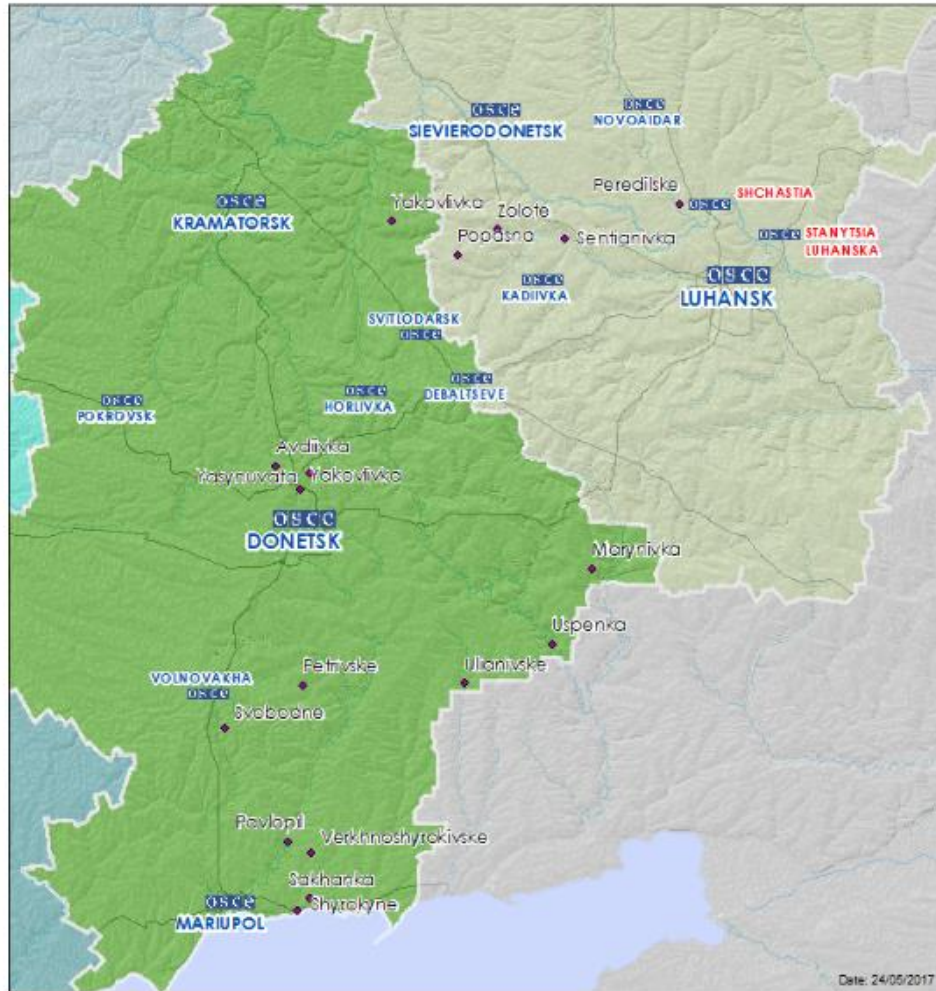
		Recorded 13 projectiles from N to S		22 May, 22:32	
		Recorded 12 projectiles from N to S		22 May, 22:36	
		Recorded 1 illumination flare in vertical flight		22 May, 22:37	
		Recorded 10 projectiles from N to S			
		Recorded 1 explosion (impact)		22 May, 22:46	
		Recorded 1 projectile from S to N		22 May, 23:32	
		Recorded 6 projectiles from S to N		22 May, 23:33	
		Recorded 2 projectiles from S to N		22 May, 23:34	
		Recorded 2 projectiles from S to N		22 May, 23:35	
		Recorded 1 projectile from S to N			
		Recorded 1 illumination flare in vertical flight		22 May, 23:36	
		Recorded 4 projectiles from S to N		22 May, 23:37	
		Recorded 10 projectiles from S to N		22 May, 23:38	
		Recorded at least 20 projectiles from S to N		22 May, 23:41	
		Recorded 11 projectiles from S to N		22 May, 23:51	
		Recorded 1 illumination flare in vertical flight		23 May, 01:27	
		Recorded at least 10 tracers from S to N		23 May, 01:43	
		Recorded 7 explosions (impacts)		23 May, 06:05-06:12	
		4-6km ESE		Recorded 1 explosion (impact)	23 May, 15:56
		2-3km ESE		Recorded 1 explosion (impact)	23 May, 16:03
		4-6km ESE		Recorded 4 projectiles from ESE to WNW	23 May, 16:03-16:06
		2-3km ESE		Recorded 1 explosion (impact)	
		4-6km ESE		Recorded 1 projectile from ESE to NWN	23 May, 16:07
		2-3km E		Recorded 1 explosion (impact)	
		4-6km ESE		Recorded 1 projectile from ESE to NWN	23 May, 16:08
		2-3km ENE		Recorded 2 explosions (impacts)	23 May, 16:10
2-3km E	Recorded 1 explosion (impact)	23 May, 16:12			
2-3km ENE	Recorded 1 explosion (impact)	23 May, 16:22			
2-3km E	Recorded 2 explosions (impacts)	23 May, 16:24			
	Recorded 5 explosions (impacts)	23 May, 17:49-17:56			
4-6km ESE	Recorded 4 explosions (impacts)	23 May, 18:14-18:24			
4-6km E	Recorded 5 explosions (impacts)				
SMM camera at Oktiabr mine ("DPR"-controlled, 9km NW of Donetsk city centre)	6-8km NE	Recorded 1 explosion (impact)	N/K	22 May, 19:49	
		Recorded 1 explosion (impact)		22 May, 19:50	
		Recorded 1 explosion (impact)		22 May, 19:58	
		Recorded 1 airburst		22 May, 20:13	
		Recorded 1 explosion (impact)		22 May, 20:47	
		Recorded 1 explosion (impact)		22 May, 20:50	
		Recorded 1 explosion (impact)		22 May, 20:56	
		Recorded 2 airbursts			
		Recorded 3 projectiles from E to W		22 May, 23:11	
		Recorded 5 projectiles from W to E		23 May, 00:08	
		Recorded 10 projectiles from W to E		23 May, 00:10	
		Recorded 1 illumination flare in vertical flight		23 May, 02:01	
		Recorded 1 illumination flare in vertical flight		23 May, 02:04	
		Recorded 1 illumination flare in vertical flight		23 May, 03:01	
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	4-5km SW	Heard 1 undetermined explosion	N/K	23 May, 11:17	
		Heard 1 undetermined explosion		23 May, 11:18	
	3-5km W	Heard 40 undetermined explosions		23 May, 11:25-11:30	
	1km N	Heard 1 shot	Small arms		
	4-5km W	Heard 8 undetermined explosions	N/K	23 May, 12:28-12:30	
1-2km N	Heard 2 shots	Small arms	23 May, 12:29		

	3-7km WSW	Heard 11 undetermined explosions	N/K	23 May, 12:30
	3-5km NW	Heard 3 shots	Small arms	
	5-7km WSW	Heard 5 undetermined explosions	N/K	23 May, 12:35
	3-5km NW	Heard 9 shots	Small arms	
	1-2km WSW	Heard uncountable overlapping bursts		N/K
	5-7km WSW	Heard 1 undetermined explosion	23 May, 12:50	
		Heard 2 undetermined explosions	23 May, 12:55	
	5-7km W	Heard 2 undetermined explosions	23 May, 12:57	
	2-3km SW	Heard 1 undetermined explosion	23 May, 13:00-13:09	
	1-2km W	Heard 3 undetermined explosions	23 May, 13:10	
	5-7km W	Heard 2 undetermined explosions	23 May, 13:11-13:30	
	1-2km W	Heard 5 undetermined explosions	23 May, 13:45	
	4-5km NW	Heard 4 undetermined explosions		
	3-4km N	Heard 2 undetermined explosions	23 May, 13:47	
	2-3km N	Heard 3 undetermined explosions		
	3-4km NW	Heard 1 undetermined explosion	23 May, 13:50	
		Heard 1 undetermined explosion		
	1-3km N	Heard 1 undetermined explosion	23 May, 13:53	
	5-7km NW	Heard 2 undetermined explosions		
	1-3km N	Heard 1 undetermined explosion	23 May, 13:57	
	5-7km NE	Heard 2 undetermined explosions		
	5-7km NW	Heard 1 undetermined explosion	23 May, 14:01	
	1-3km NE	Heard 1 undetermined explosion		
	3-5km NW	Heard 1 undetermined explosion	23 May, 14:06	
	1-2km NNW	Heard 1 undetermined explosion		
	1-2km NW	Heard 5 bursts	Small arms	23 May, 14:09
	4-6km NW	Heard 1 undetermined explosion	N/K	23 May, 14:16
	3-5km NW	Heard 1 undetermined explosion		23 May, 14:18
		Heard 1 undetermined explosion		23 May, 14:21
		Heard 1 undetermined explosion		23 May, 14:32
5-7km WSW	Heard 1 undetermined explosion	23 May, 14:35-14:37		
4-5km N	Heard 4 undetermined explosions	23 May, 11:21-11:23		
3-4km NW	Heard 4 undetermined explosions			
Avdiivka (government-controlled, 17km N of Donetsk)	2-3km NW	Heard uncountable overlapping bursts and shots (assessed as training)	Small arms	23 May, 12:40-12:50
	2-3km SE	Heard 9 undetermined explosions	N/K	23 May, 12:52-13:25
	3-5km ESE	Heard 28 undetermined explosions		23 May, 13:44-13:55
		Heard 9 undetermined explosions		23 May, 14:20-14:50
	3-4km ESE	Heard 5 undetermined explosions	Small arms	23 May, 14:31-14:50
	3-4km SE	Heard 4 undetermined explosions		
	Heard uncountable overlapping bursts and shots			
	3-4km E	Heard 7 undetermined explosions	N/K	23 May, 14:35-14:55
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	2-4km N	Heard 2 undetermined explosions	N/K	23 May, 11:16
	2-3km N	Heard 4 bursts	Small arms	23 May, 11:28
	2-3km NNE	Heard 33 bursts		23 May, 11:30-11:32
		Heard 21 shots		23 May, 11:34-11:35
		Heard 3 undetermined explosions	N/K	23 May, 11:35
		Heard 17 undetermined explosions		
		Heard 4 bursts	Small arms	23 May, 12:40
	2-3km N	Heard 5 undetermined explosions	N/K	23 May, 12:55
3-5km NNE	Heard 2 undetermined explosions	23 May, 12:58		
SMM camera in Shyrokyne (20km E of Mariupol)	N/K NNE	Recorded 1 tracer from W to E	N/K	22 May, 22:19
		Recorded 7 tracers from W to E		22 May, 22:24
		Recorded 2 tracers from W to E		22 May, 22:25
		Recorded 21 tracers from W to E		22 May, 22:27
		Recorded 1 tracer from W to E		22 May, 22:28
		Recorded 4 tracers from W to E		22 May, 22:29
		Recorded 3 tracers from W to E		22 May, 22:30
		Recorded 2 tracers from W to E		22 May, 22:31
		Recorded 11 tracers from W to E		22 May, 22:32
		Recorded 2 tracers from W to E		22 May, 22:33

	N/K NE	Recorded 1 tracer from W to E		22 May, 22:34
		Recorded 2 tracers from E to W		23 May, 01:07
		Recorded 2 tracers from E to W		23 May, 01:37
		Recorded 2 tracers from E to W		23 May, 01:41
		Recorded 1 tracer from E to W		23 May, 01:56
		Recorded 10 tracers from W to E		23 May, 01:57
3km ESE of Vilne (government-controlled, 70km SW of Donetsk)	2-3km ESE	Heard 3 explosions (outgoing and their 3 impacts assessed as training)	Mortar (type N/K)	23 May, 10:48-10:50
	4-5km ESE			
3.6km N of Novotroitske (government-controlled, 36km SW of Donetsk)	N/K E	Heard 2 undetermined explosions	N/K	23 May, 11:40-11:45
		Heard 10 bursts (5-7 shots each)	Small arms	
2.2km SW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	5-7km SE	Heard and saw 1 explosion (impact)	Mortar (type N/K)	23 May, 12:47
	N/K NE	Heard 1 undetermined explosion	N/K	23 May, 13:15
Mariupol city centre (government-controlled)	N/K NE	Heard at least 20 undetermined explosions	N/K	23 May, 17:00-18:00
		Heard 15 explosions (outgoing)		23 May, 18:00-18:15
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	5-7km WNW	Heard 1 explosion (outgoing)	N/K	22 May, 19:43
	2-3km WNW	Heard 6 bursts	HMG	22 May, 19:50
	2-3km SW	Heard 4 bursts	IFV (BMP-2) cannon (30mm)	22 May, 19:53
	5-7km WNW	Heard 2 explosions (outgoing)	N/K	22 May, 20:01
		Heard 4 explosions (outgoing)		22 May, 20:09
		Heard 1 explosion (impact)		22 May, 20:11
		Heard 1 explosion (impact)		22 May, 20:12
		Heard 1 explosion (outgoing)	IFV (BMP-1) cannon	22 May, 20:13
		Heard 2 explosions (impacts)	N/K	22 May, 20:16
		Heard 5 explosions (outgoing)		22 May, 20:17
	6-8km N	Heard 8 bursts	HMG	22 May, 20:18
	6-8km WNW	Heard 4 explosions (outgoing)	N/K	
	5-7km WNW	Heard 2 explosions (impact)		22 May, 20:19
		Heard 2 explosions (outgoing)		22 May, 20:20
	6-8km WNW	Heard 1 explosion (outgoing)		22 May, 20:22
		Heard 1 explosion (impact)	22 May, 20:23	
	5-7km WNW	Heard 6 bursts	HMG	22 May, 20:25
		Heard 2 explosions (outgoing)	N/K	
		Heard 2 explosions (outgoing)		22 May, 20:26
		Heard 6 bursts	HMG	22 May, 20:28
		Heard 2 explosions (outgoing)	IFV (BMP-1) cannon	22 May, 20:29
		Heard 1 explosion (outgoing)	N/K	22 May, 20:30
	Heard 3 explosions (outgoing)	22 May, 20:33		
7-9km N	Heard 2 explosions (outgoing)	22 May, 20:40		
7-9km WNW	Heard 1 explosion (impact)	22 May, 20:42		
7-9km WSW	Saw 27 tracers from NW to SE	IFV (BMP-2) cannon	22 May, 21:20-25	
	Saw 7 tracers from NW to SE	IFV (BMP-1) cannon		
	Saw 15 tracers from NW to SE	Anti-aircraft cannon (ZU-23, 23mm)		
10-15km SW	Saw 10 explosions (outgoing)	N/K	22 May, 21:40-55	
	Saw 3 explosions (outgoing)		22 May, 21:55-56	
	Saw 3 explosions (outgoing)		22 May, 21:57-59	
7-9km WSW	Saw 1 tracer from NW to SE	IFV (BMP-1) cannon	22 May, 22:07	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-8km NE	Heard 35 undetermined explosions	N/K	22 May, 19:35-19:50
		Heard 9 undetermined explosions		22 May, 20:00-20:05
	3-5km E	Heard 2 undetermined explosions	Small arms	22 May, 20:05
		Heard 5 shots		22 May, 20:30-20:40
3-5km SW	Heard 20 bursts		23 May, 00:20-01:40	

		Heard 10 undetermined explosions	N/K	
	5km E	Heard 11 undetermined explosions		23 May, 09:50-11:32
	4-6km SE	Heard 1 undetermined explosion		23 May, 11:45
	3-5km E	Heard 3 bursts	HMG	23 May, 12:00
	1.5-2.5km E	Heard 30 shots	Small arms	23 May, 13:34-13:48
	2.5km S	Heard 1 undetermined explosion	N/K	23 May, 14:56
	1.5-2.5km E	Heard 10 bursts	Small arms	23 May, 15:08-15:11
	3-4km SW	Heard 1 undetermined explosion	N/K	23 May, 18:05
NW outskirts of Horlivka (“DPR”-controlled, 39km NE of Donetsk)	0.5-1km NE	Heard 3 bursts	HMG	23 May, 14:31
		Heard 2 undetermined explosions	N/K	
Kadiivka (formerly Stakhanov, “LPR”-controlled, 50km W of Luhansk)	8-12km NNE	Heard 33 undetermined explosions	N/K	22 May, 19:40-19:50
Kalynove (“LPR”-controlled, 60km W of Luhansk)	2km W	Heard 5 shots	Small arms	23 May, 16:06
	4-6km WNW	Heard 1 undetermined explosion	N/K	23 May, 16:21

## 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 2016 based on recommendations of security experts from participating States.)