

**Table of ceasefire violations as of 4 June 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)	4-6 km ESE	Recorded 1 airburst	N/K	2 June, 19:35
		Recorded 13 undetermined explosions		2 June, 19:38-19:49
		Recorded 3 undetermined explosions		2 June, 20:01-20:06
		Recorded 6 undetermined explosions		2 June, 20:34-21:01
		Recorded 2 tracers from E to W		2 June, 21:28
		Recorded 1 undetermined explosion		2 June, 21:29
		Recorded 1 undetermined explosion		2 June, 21:56
		Recorded 10 projectiles from SE to NW		2 June, 22:05-22:11
		Recorded 1 undetermined explosion		2 June, 22:28
		Recorded 3 illumination flares from SE to NW		2 June, 22:39-22:41
		Recorded 3 projectiles from SE to NW		2 June, 22:47-22:59
		Recorded 3 projectiles from SE to NW		2 June, 23:37
		4-6 km ESE		Recorded 1 undetermined explosion
	3-4 km S	Recorded 5 undetermined explosions		3 June, 16:10 – 16:25
	4-6 km ESE	Recorded 12 undetermined explosions		3 June, 17:59 – 18:11
		Recorded 1 airburst		3 June, 18:11
		Recorded 9 undetermined explosions		3 June, 18:15 – 18:25
SMM camera at Oktiabr mine (9km NW of Donetsk city centre)	3-4km NE	Recorded 8 undetermined explosions	N/K	2 June, 19:02-19:09
	4-5km NE	Recorded 1 undetermined explosion		2 June, 19:18
	6-10 km NE	Recorded 1 undetermined explosion		2 June, 19:39
		Recorded 4 airbursts		2 June, 19:47-19:52
		Recorded 2 undetermined explosions		2 June, 20:16-20:20
		Recorded 1 airburst		2 June, 20:32
		Recorded 1 projectile from E to W		2 June, 20:35
		Recorded 2 airbursts		2 June, 20:50-20:55
		Recorded 40 projectiles from NW to SE		2 June, 20:55-20:57
		Recorded 1 airburst		2 June, 21:00
		Recorded 3 projectiles from NW to SE		2 June, 21:01
		Recorded 1 projectile from SE to NW		2 June, 21:07
		Recorded 1 illumination flare from NE to SW		2 June, 21:26
		Recorded 1 projectile from NE to SW		2 June, 21:29
		Recorded 44 projectiles from SE to NW		2 June, 21:38-21:39
		Recorded 27 projectiles from NW to SE		2 June, 21:39-21:41
		Recorded 3 projectiles from SE to NW		2 June, 21:45
	Recorded 38 projectiles from NW to SE	2 June, 21:54-22:04		

<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 3 projectiles from NE to SW		2 June, 22:05
		Recorded 24 tracers from NW to SE		2 June, 22:10-22:15
		Recorded 4 projectiles from NW to SE		2 June, 22:16-22:18
		Recorded 3 projectiles from SE to NW		2 June, 22:34
		Recorded 1 undetermined explosion		2 June, 22:39
		Recorded 11 projectiles from NW to SE		2 June, 22:46-22:48
		Recorded 7 projectiles from NW to SE		2 June, 23:05-23:14
		Recorded 1 undetermined explosion		2 June, 23:13
		Recorded 8 projectiles from NW to SE		2 June, 23:33-23:36
		Recorded 2 projectiles from NE to SW		2 June, 23:50
		Recorded 4 projectiles from SE to NW		3 June, 00:10
		Recorded 10 projectiles from E to W		3 June, 00:27
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	3-5km W	Heard 1 undetermined explosion	N/K	3 June, 10:14
		Heard 1 undetermined explosion		3 June, 11:00
		Heard 1 undetermined explosion		3 June, 12:09
	2-3km W	Heard 2 bursts	HMG	3 June, 12:11
	2-4km W	Heard 2 undetermined explosion	N/K	3 June, 12:17
	3-5km W	Heard 1 undetermined explosion		3 June, 12:28
	5-8km W	Heard 1 undetermined explosion		3 June, 12:42
	2-3km W	Heard 12 shots	Small arms	3 June, 12:22-12:24
	3-5km W	Heard 1 undetermined explosion	N/K	3 June, 12:51
	2-3km NNW	Heard 4 bursts	HMG	3 June, 12:52
	3-5km W	Heard 1 undetermined explosion	N/K	3 June, 13:10
		Heard 6 bursts		3 June, 13:46
Heard 1 undetermined explosion		3 June, 14:12		
2-3km W	Heard 2 bursts	HMG	3 June, 14:49	
5-8km W	Heard 2 undetermined explosion	N/K	3 June, 15:15-15:17	
Oleksandrivka (“DPR”-controlled, 20km SW of Donetsk)	2-3km W	Heard 10 outgoing explosions	N/K	3 June, 09:31-09:38
	1km W	Heard 3 bursts	Small arms	3 June, 11:44
Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	5-8km NW	Heard 1 undetermined explosion	N/K	3 June, 14:55
	2-3km NNE	Heard 4 bursts	Small arms	3 June, 15:12
	2-3km NNE	Heard 2 undetermined explosions	N/K	3 June, 15:15-15:17
	2.5km N	Heard 6 undetermined explosions	N/K	3 June, 15:20-15:33
		Heard 9 bursts	HMG	3 June, 15:33
		Heard 10 shots	Small arms	
	2.5-3km NNW	Heard 102 undetermined explosions	N/K	3 June, 15:41-16:05
		Heard 52 bursts	HMG	
	2-3km NW	Heard 6 undetermined explosions	N/K	3 June, 16:06-16:12
		Heard 12 bursts	HMG	3 June, 16:13-16:15
		Heard 3 undetermined explosions	N/K	3 June, 16:15
		Heard 32 bursts	HMG	3 June, 16:16-16:19
SMM camera at Shyrokyne (20km E)	N/K N	Recorded 1 undetermined explosion.	N/K	2 June, 18:44
		Recorded 1 undetermined explosion.		2 June, 18:46

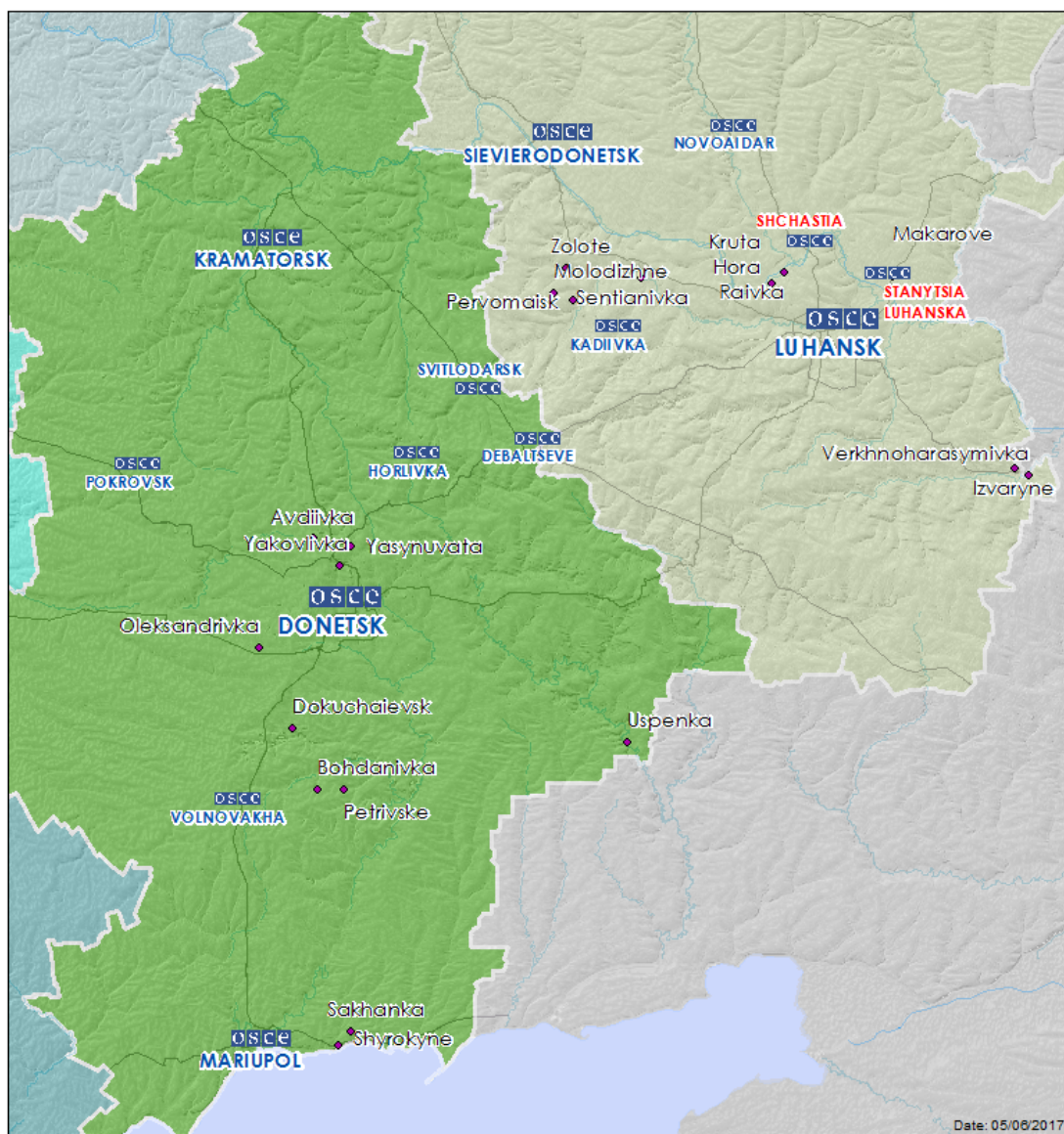
of Mariupol)	N/K NE	Recorded 9 tracers from W to E		2 June, 21:02-21:03	
		Recorded 4 rocket assisted projectiles from W to E		2 June, 21:08-21:11	
		Recorded 16 tracers from W to E			
		Recorded 2 tracers from E to W		2 June-, 21:08-21:11	
		Recorded 1 undetermined explosion		2 June, 21:38	
	N/K NNE	Recorded 1 tracer from E to W			2 June, 23:02
		Recorded 2 tracers from W to E			2 June, 23:49
		Recorded 6 tracers from E to W			3 June, 00:10
		Recorded 1 tracer from W to E			3 June, 02:09
		Recorded 1 tracer from W to E			3 June, 02:55
Novohnativka (government-controlled, 40km S of Donetsk)	3-4km NW	Heard 3 explosions (outgoing)	N/K	03 June, 10:43-10:50	
2km SSE of Sakhanka (“DPR”-controlled, 24km NE of Mariupol)	1-2km W	Heard at least 8 bursts	AGL	03 June, 11:15-11:35	
		Heard 6 shots	Small arms		
	N/K W	Heard 5 undetermined explosions	N/K		
	N/K NW	Heard 10 undetermined explosions Heard 2 undetermined explosions			
N/K NNW	Heard 1 undetermined explosion		03 June, 11:50-12:00 03 June, 12:40-12:45		
3km NNE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km S	Heard 4 undetermined explosions	N/K	03 June 12:30	
Sopyne (government-controlled, 16km E of Mariupol)	N/K NE	Heard 4 undetermined explosions	N/K	03 June, 13:29-13:35	
Horlivka (“DPR”-controlled, 39km NE of Donetsk)	3-5 km W	Heard 4 shots	Small arms	2 June, 21:40	
Pervomaisk (“LPR”-controlled, 58km W of Luhansk)	4km W	Heard 1 undetermined explosion (assessed as outside the disengagement area)	N/K	03 June, 10:04	
	8km W	Heard 1 undetermined explosion (assessed as outside the disengagement area)			
	3km W	Heard 1 undetermined explosion (assessed as outside the disengagement area)		03 June, 13:49	
2km S of Muratove (government-controlled, 51km NW of Luhansk)	2-3km S	Heard 40 shots	IFV (BMP-2) cannon (30mm)	03 June, 10:45-11:01	
		Heard 10 shots	AGL		
Zolote-4 (government-controlled, 60km NW of Luhansk)	0.3km NE	Heard 1 shot (assessed as outside the disengagement area)	Small arms	03 June, 15:55	
“DPR”-controlled, Donetsk city	8-12km N	Heard 22 undetermined explosions	N/K	3 June, 22:43-22:54	
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km ESE	Recorded 3 explosions (impact)	N/K	3 June, 19:01-19:05	
		Recorded 5 undetermined explosions		3 June, 22:54	
		Recorded 3 undetermined explosions		3 June, 23:29	
		Recorded 5 undetermined explosions		3 June, 23:53	
		Recorded 10 undetermined explosions		4 June, 00:08-00:22	
		Recorded 3 undetermined explosions		4 June, 00:53	
		Recorded 1 illumination flare in vertical flight		4 June, 00:56	
		Recorded 1 illumination flare in vertical flight		4 June, 03:57	
SMM camera at		Recorded 10 undetermined explosions	N/K	3 June, 18:40 –18:59	

Oktiabr mine (9km NW of Donetsk city centre)	3-5km NE	Recorded 8 undetermined explosions		3 June, 19:15
		Recorded at least 10 airbursts		3 June, 19:50
		Recorded 1 undetermined explosion		3 June, 21:14
		Recorded at least 30 projectiles from W to E		
		Recorded 2 projectiles from W to E		3 June, 21:37
		Recorded at least 10 projectiles from W to E		3 June, 21:58-21:59
		Recorded at least 150 projectiles from E to W		3 June, 22:15-22:22
		Recorded at least 25 projectiles in vertical flight		3 June, 22:23
		Recorded 3 projectiles from W to E		3 June, 22:51-22:58
Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	2-4km N	Heard 7 shots	Small arms	4 June, 10:59-11:01
Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	1km NW	Heard 14 shots	Small arms	4 June, 14:34-14:40
	N/K W	Heard 4 undetermined explosions	N/K	4 June, 14:45
	1km NW	Heard 1 shot	Small arms	4 June, 15:12
	4-5km NE	Heard 1 undetermined explosion	N/K	4 June, 15:40
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	2-3km W	Heard 1 burst	HMG	4 June, 09:51
		Heard 20 shots	Small arms	4 June, 09:55
		Heard 1 undetermined explosion	N/K	4 June, 10:03
		Heard 5 bursts	HMG	4 June, 10:03
		Heard 1 undetermined explosion	N/K	4 June, 10:13
		Heard 3 bursts	HMG	4 June, 10:15
		Heard 1 undetermined explosion	N/K	4 June, 10:33
		Heard 1 undetermined explosion	N/K	4 June, 10:43
		Heard 19 bursts	HMG	4 June, 10:44
		Heard 2 undetermined explosions	N/K	4 June, 10:46
	3-5km WNW	Heard 7 bursts	HMG	4 June, 10:48
		Heard 20 shots	Small arms	4 June, 11:05
	Heard uncountable overlapping shots and bursts	4 June, 11:20-11:40		
	3-5km W	Heard 8 shots		4 June, 11:30-11:40
	3-5km WNW	Heard 1 undetermined explosion	N/K	4 June, 11:53
		Heard 5 shots	Small arms	4 June, 12:03
		Heard 2 bursts		4 June, 12:08
		Heard 3 shots		4 June, 12:20
	2-3km W	Heard 11 shots		4 June, 12:50
		Heard 1 undetermined explosion	N/K	4 June, 14:07
Heard 44 shots		Small arms	4 June, 14:14-14:45	
3-5km WNW	Heard 7 shots	Small arms	04 June, 15:25-15:46	
Oleksandrivka (“DPR”-controlled, 20km SW of Donetsk)	1-2km NW	Heard 1 undetermined explosion	N/K	4 June, 10:16
	3-4km N	Heard 2 undetermined explosions		4 June, 11:13
		Heard 2 undetermined explosions		4 June, 11:16
		Heard 1 undetermined explosion		4 June, 11:28
Krasnohorivka (government-controlled, 21km W of Donetsk)	1.5km E	Heard 1 undetermined explosion	N/K	04 June, 10:15
SMM camera at Shyrokyne (20km E of Mariupol)	N/K N	Recorded 1 tracer from E to W	N/K	3 June, 21:25
		Recorded 2 tracers from E to W		3 June, 21:27
		Recorded 3 tracers from E to W		3 June, 21:27
		Recorded 10 tracers from E to W		3 June, 21:27
		Recorded 8 tracers from E to W		3 June, 21:28
		Recorded at least 35 tracers from E to W		3 June, 21:35
		Recorded 2 tracers from W to E		3 June, 21:39
		Recorded at least 20 tracers from E to		3 June, 21:40

	W	
	Recorded 26 tracers from W to E	3 June, 21:43
	Recorded 5 tracers from E to W	3 June, 21:43
	Recorded 17 tracers from W to E	3 June, 21:45
	Recorded 1 undetermined explosion	3 June, 21:53
	Recorded 1 undetermined explosion	3 June, 21:55
	Recorded 1 tracer from E to W	3 June, 21:55
	Recorded 10 tracers from E to W	3 June, 21:58
	Recorded 1 undetermined explosion	3 June, 23:18
	Recorded 5 tracers from W to E	4 June, 00:22
	Recorded 1 rocket assisted projectile from W to E	4 June, 00:23
	Recorded 2 tracers from E to W	4 June, 00:24
	Recorded 2 tracers from E to W	4 June, 00:26-00:27
	Recorded 1 rocket assisted projectile from W to E	4 June, 00:31
	Recorded 2 rocket assisted projectiles from W to E	4 June, 00:32
	Recorded 2 tracers from W to E	4 June, 00:33
	Recorded 17 tracers in vertical flight	4 June, 00:45
	Recorded 19 tracers from E to W	4 June, 00:47
	Recorded 1 rocket assisted projectile from W to E	4 June, 00:48
	Recorded 1 rocket assisted projectile from W to E	4 June, 00:57
	Recorded 2 rocket assisted projectiles from W to E	4 June, 00:58
	Recorded 3 tracers from E to W	4 June, 01:00
	Recorded 18 tracers from E to W	4 June, 01:01
	Recorded 2 rocket assisted projectiles from E to W	4 June, 01:01
	Recorded 3 rocket assisted projectiles from E to W	4 June, 01:03
	Recorded 15 tracers from E to W	4 June, 01:04
	Recorded 2 tracers from W to E	4 June, 01:05
	Recorded 1 rocket assisted projectile from E to W	4 June, 01:07
	Recorded 1 rocket assisted projectile from W to E	4 June, 01:07
	Recorded 3 rocket assisted projectiles from E to W	4 June, 01:08
	Recorded 1 rocket assisted projectile from E to W	4 June, 01:10
	Recorded 2 rocket assisted projectiles from W to E	4 June, 01:10
	Recorded 1 rocket assisted projectiles from W to E	4 June, 01:14
	Recorded 1 undetermined explosion	4 June, 01:14
	Recorded 2 rocket assisted projectiles from W to E	4 June, 01:16-01:18
	Recorded 1 undetermined explosion	4 June, 01:19
	Recorded 2 rocket assisted projectiles from W to E	4 June, 01:19
	Recorded 2 rocket assisted projectiles from W to E	4 June, 01:19
	Recorded 1 tracer from SW to NE	4 June, 01:21
	Recorded 3 tracers from W to E	4 June, 01:21
	Recorded 7 tracers from W to E	4 June, 01:31
	Recorded 2 undetermined explosions	4 June, 01:31
	Recorded 3 tracers from W to E	4 June, 01:32
	Recorded 2 tracers from SE to NW	4 June, 01:32

		Recorded 8 tracers from E to W		4 June, 01:45
		Recorded 2 tracers from SE to NW		4 June, 01:54
		Recorded 1 tracer from W to E		4 June, 02:02
		Recorded 6 tracers from E to W		4 June, 02:17
		Recorded 3 tracers from W to E		4 June, 02:51
		Recorded 22 tracers from E to W		4 June, 02:56
		Recorded 1 undetermined explosion		4 June, 02:59
		Recorded 25 tracers from E to W		4 June, 03:01
		Recorded 2 explosions (impacts)		4 June, 03:33
		Recorded 2 explosions (impacts)		4 June, 03:36
2km SSE of Sakhanka ("DPR" controlled, 24 km NE of Mariupol)	N/K WNW	Heard 6 shots	Small arms	4 June, 11:25
	N/K W	Heard 2 undetermined explosions	N/K	4 June, 12:03-12:09
3km NE of Zaichenko ("DPR" controlled, 26 km NE of Mariupol)	N/K W	Heard 1 undetermined explosion	Small arms	4 June, 13:37
		Heard 15 shots		4 June, 13:40
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	4-5km SW	Heard 5 bursts	HMG	3 June, 21:40
	3-4km SW	Heard 12 shots	Small arms	3 June, 21:47
	5-6km SW	Heard 8 bursts	HMG	3 June, 22:15
		Heard 7 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	3 June, 22:17-22:20
		Heard 10 undetermined explosions	N/K	
		Heard 12 shots	AGL	3 June, 22:40 -22:50
		Heard 6 shots		
	Heard 5 shots			
		Heard 5 shots		
Svitlodarsk (government-controlled, 57km NE of Donetsk)	8-10km SE	Heard 20 undetermined explosions	N/K	3 June, 22:30-23:00
	3-4km SE	Heard 15 bursts	HMG	
		Heard 2 outgoing explosions	IFV (BMP-1) cannon	3 June, 23:00-23:30
3km N of Pervomaisk ("LPR"-controlled, 58km W of Luhansk)	5km WSW	Heard 18 single shots (assessed as outside the disengagement area)	HMG	4 June, 10:20
Zolote-4 (government-controlled, 60km NW of Luhansk)	4-5km SW	Heard 23 undetermined explosions (assessed as outside the disengagement area)	N/K	4 June, 14:51
		Heard 7 bursts (assessed as outside the disengagement area)	Small arms	4 June, 15:01
	0.5-0.7km W	Heard 2 explosions (outgoing) (assessed as outside the disengagement area but flying over it)	Mortar (120mm)	4 June, 15:04
	4-5km SW	Heard 2 explosions (subsequent impacts) (assessed as outside the disengagement area)		
	4-5km SW	Heard 2 undetermined explosions (assessed as outside the disengagement area)	N/K	4 June, 15:09

## 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.)