

Table of ceasefire violations as of 30 March 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	10km SSE	Recorded 1 undetermined explosion (assessed as outside disengagement area)	N/K	28 March, 22:03
	6-8km S	Recorded 1 undetermined explosion (assessed as outside disengagement area)		
	10km SSE	Recorded 2 undetermined explosions (assessed as outside disengagement area)		28 March, 22:17
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-5km ESE	Recorded 8 explosions (impacts)	N/K	29 March, 18:29-18:35
		Recorded 7 explosions (impacts)		29 March, 18:36-18:46
		Recorded 1 explosion (impacts)		29 March, 18:56-18:57
		Recorded 30 tracers from W to E		29 March, 19:02
		Recorded 2 projectiles from NW to SE		29 March, 19:11
		Recorded 1 explosion (impact)		29 March, 19:36
	3-5km ESE	Recorded 5 projectiles from W to E		29 March, 19:41
		Recorded 1 projectile from W to E		29 March, 20:07
	2-3km ESE	Recorded 1 undetermined explosion		29 March, 21:21
	3-5km ESE	Recorded 1 projectile from W to E		29 March, 21:32
		Recorded 1 projectile from W to E		29 March, 22:37
		Recorded 1 undetermined explosion		29 March, 23:02
		Recorded 1 undetermined explosion		29 March, 23:03
		Recorded 1 undetermined explosion		29 March, 23:27
		Recorded at least 12 projectiles (1 salvo) from W to E		30 March, 00:02
		Recorded 1 undetermined explosion		30 March, 00:05
		Recorded 1 undetermined explosion		
Horlivka ("DPR"-controlled, 39km N of Donetsk)	7-9km SW	Heard 1 undetermined explosion	N/K	29 March, 19:07
	10-12km SW	Heard 1 undetermined explosion		29 March, 19:10
	8-10km SSW	Heard 4 explosions (outgoing)		29 March, 20:09
	10-12km SSW	Heard 4 undetermined explosions		29 March, 20:10
	8-10km SSW	Heard 3 explosions (outgoing)		29 March, 20:17
		Heard 3 explosions (outgoing)		29 March, 20:20
	4-5km SSW	Heard 1 burst	HMG	
	5-6km SSW	Heard 7 shots	IFV (BMP-2) cannon (30mm)	29 March, 20:21
		Heard 10 shots		29 March, 20:24
	4-5km SSW	Heard 1 burst	HMG	
	5-6km SSW	Heard 12 shots	IFV (BMP-2) cannon	29 March, 20:28
	9-10km SW	Heard 6 undetermined explosions	N/K	29 March, 20:30
	5-6km SW	Heard 5 bursts	Small arms	29 March, 20:31
		Heard 12 bursts		29 March, 20:39
	5-6km SSW	Heard 8 shots	IFV (BMP-2) cannon	29 March, 20:40
		Heard uncountable, overlapping bursts and single shots	Small arms	29 March, 20:42-20:45

¹ 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.

	4-5km WSW	Saw 9 illumination flares in vertical flight	N/K	29 March, 21:03
	4-5km SW	Heard 3 undetermined explosions		
	4-5km WSW	Heard 1 burst	HMG	
		Heard 1 burst	Small arms	
	10-12km SSW	Heard 17 undetermined explosions	N/K	29 March, 21:10-21:32
	12-15km SSW	Heard 3 undetermined explosions		29 March, 21:42
	7-8km SSW	Heard 1 burst	HMG or IFV (BMP-2) cannon	29 March, 21:44
	10-12km SSW	Heard 11 undetermined explosions	N/K	29 March, 21:45-21:47
	8-10km SSW	Heard 2 undetermined explosions		29 March, 21:50
	12-14km SSW	Heard 1 undetermined explosion		
	6-8km SSW	Heard 9 bursts	Small arms	29 March, 21:52
		Heard 1 burst	HMG	
	8-10km SSW	Heard 2 undetermined explosions	N/K	29 March, 21:54
	6-8km SSW	Heard 4 bursts	Small arms	29 March, 21:57
		Heard 4 bursts		
	8-10km SSW	Heard 1 undetermined explosion	N/K	29 March, 21:59
	6-8km SSW	Heard 4 bursts	HMG or IFV (BMP-2) cannon	
		Heard 2 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	7-10km NW	Heard 32 undetermined explosions	N/K	29 March 19:10-19:30
	5-7km NW	Heard 10 bursts (5-7 shots)	HMG	29 March 19:30-19:45
	5-7km NW	Heard 4 bursts (5-7 shots)		29 March 20:02-20:04
	7-10km NW	Heard 17 undetermined explosions	N/K	29 March 20:02-20:10
	7-10km NW	Heard 18 undetermined explosions		29 March 20:15-20:26
	5-7km NW	Heard 5 bursts (5-7 shots)	HMG	29 March 20:30-20:45
	7-10km NW	Heard 50 undetermined explosions	N/K	29 March 21:20-21:55
	7-10km NE	Heard 14 undetermined explosions		29 March 22:10-22:50
SMM camera at Oktiabr mine (9km NW of Donetsk city centre)	7-10km NE	Recorded 1 projectile from NW to SE	N/K	29 March, 19:20
	3-5km NNE	Recorded 1 undetermined explosion		29 March, 19:58
		Recorded 2 undetermined explosions		29 March, 20:01
		Recorded 1 undetermined explosion		29 March, 20:29
		Recorded 1 undetermined explosion		29 March, 21:01
		Recorded 1 undetermined explosion		29 March, 21:08
		Recorded 1 undetermined explosion		29 March, 21:14
	6-10km NE	Recorded 2 airbursts		30 March, 13:14
SMM camera in Shyrokyne (20km E of Mariupol)	N/K NNE	Recorded 20 tracers from W to E	N/K	29 March, 19:20
		Recorded 10 tracers from W to E		29 March, 19:23
		Recorded 1 rocket-assisted projectile from W to E		29 March, 19:25
		Recorded 9 tracers from W to E		29 March, 19:25
		Recorded 20 tracers from W to E		29 March, 19:29
		Recorded 27 tracers from W to E		29 March, 19:30
		Recorded 5 tracers from E to W		29 March, 19:30
		Recorded 12 tracers from E to W	N/K	29 March, 19:31
		Recorded 10 tracers from E to W		29 March, 19:32
		Recorded 54 tracers from W to E		29 March, 19:32
		Recorded 21 tracers from E to W		29 March, 19:33
		Recorded 16 tracers from W to E		29 March, 19:35
		Recorded 26 tracers from E to W		29 March, 19:36
		Recorded 1 undetermined explosion		29 March, 19:36
		Recorded 1 rocket-assisted projectile from W to E		29 March, 19:36

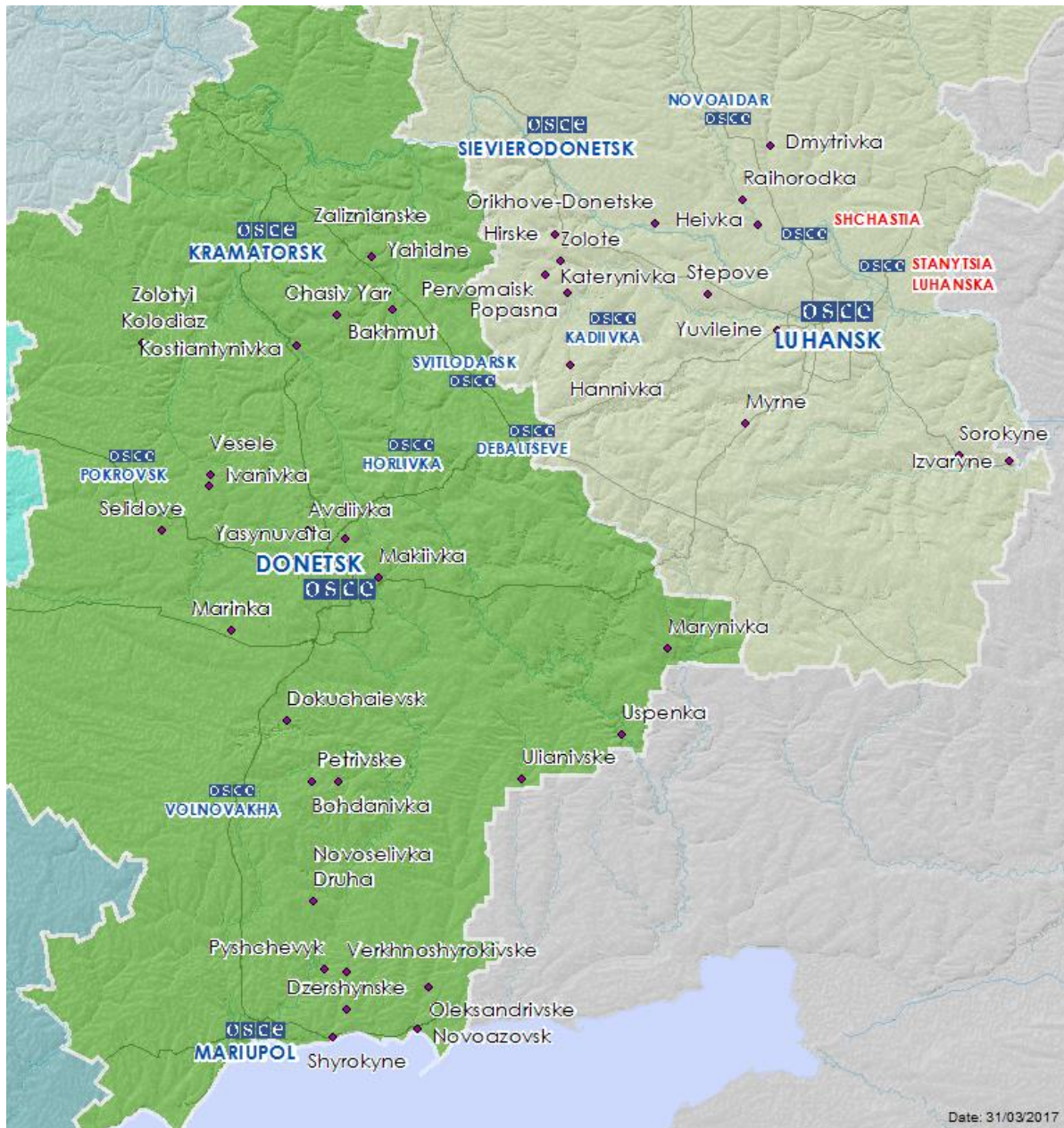
		Recorded 8 tracers from E to W		29 March, 19:37
		Recorded 3 tracers from E to W		29 March, 19:41
		Recorded 6 tracers from E to W		29 March, 19:47
		Recorded 10 tracers from E to W		29 March, 19:50
		Recorded 7 tracers from W to E		29 March, 20:11
		Recorded 12 tracers from W to E		29 March, 20:20
		Recorded 10 tracers from E to W		29 March, 20:21
		Recorded 15 tracers from W to E		29 March, 20:54
		Recorded 16 airbursts		29 March, 20:54
		Recorded 1 tracer from E to W	N/K	30 March, 03:41
		Recorded 3 tracers from E to W		30 March, 03:42
		Recorded 7 tracers from E to W		30 March, 03:46
		Recorded 7 tracers from E to W		30 March, 03:57
		Recorded 6 tracers from E to W		30 March, 04:31
		Recorded 2 tracers from E to W		30 March, 04:32
		Recorded 3 tracers from E to W		30 March, 04:49
		Recorded 6 tracers from E to W		30 March, 04:57
		Recorded 5 tracers from E to W		30 March, 05:18
“DPR”-controlled Donetsk city centre	5-7km NNW	Heard 3 undetermined explosions	N/K	29 March, 19:43
		Heard 1 undetermined explosion		29 March, 19:48
		Heard 1 undetermined explosion		29 March, 20:03
		Heard 3 undetermined explosions		29 March, 20:48
		Heard 2 undetermined explosions		29 March, 20:57
		Heard 4 undetermined explosions		29 March, 21:02
		Heard 3 undetermined explosions		29 March, 21:45
		Heard 2 undetermined explosions		29 March, 21:46
		Heard 6 undetermined explosions		29 March, 21:47-21:51
		Heard 3 undetermined explosions		29 March, 22:03
		Heard 2 undetermined explosions		29 March, 22:08
		Heard 1 undetermined explosion		29 March, 22:18
		Heard 1 undetermined explosion		29 March, 22:31
		Heard 2 undetermined explosions		29 March, 22:47
		Heard 1 undetermined explosion		29 March, 23:04
		Heard 2 undetermined explosions		29 March, 23:36
		Heard 2 undetermined explosions		29 March, 23:53
		Heard 2 undetermined explosions		29 March, 23:57
		Heard 1 undetermined explosion		30 March, 00:59
		Heard 1 undetermined explosion		30 March, 01:01
		Heard 1 undetermined explosion		30 March, 01:05
		Heard 1 undetermined explosion		30 March, 01:06
		Heard 1 undetermined explosion		30 March, 01:08
		Heard 1 undetermined explosion		30 March, 04:11
		Heard 2 undetermined explosions		30 March, 05:13
		Heard 2 undetermined explosions		30 March, 05:19
	N/K N	Heard at least 200 shots	Anti-aircraft cannon (type N/K)	30 March, 08:45-09:07
Mariupol (government-controlled, 102km S of Donetsk)	N/K ENE	Heard 12 undetermined explosions	N/K	29 March, 19:57-20:05
		Heard 14 undetermined explosions		29 March, 20:18-20:55
	N/K E	Heard 5 undetermined explosions		29 March, 22:05
Debaltseve (“DPR”-controlled, 58km NE of Donetsk)	5-6km NNW	Heard 37 undetermined explosions	N/K	29 March, 20:22-20:40
	6-7km WNW	Heard 110 undetermined explosions		29 March, 22:22-

				22:27
	7-8km WNW	Heard 45 undetermined explosions		29 March, 22:50-23:05
	6-7km NNW	Heard 46 undetermined explosions		30 March, 06:38-07:11
Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	3-5km NW	Heard 25 undetermined explosions	N/K	30 March, 09:25-09:40
		Heard 15 bursts	HMG	
		Heard 10 bursts	Small arms	
		Heard 45 shots		
		Heard 1 undetermined explosion	N/K	30 March, 09:55-10:15
		Heard 8 shots	Small arms	
		Heard 3 bursts		
	Heard 1 undetermined explosion	N/K	30 March, 10:33	
	3-5km NNE	Heard 3 bursts	Small arms	30 March, 10:41
	5-7km NNE	Heard 1 undetermined explosion	N/K	30 March, 10:44
	3-5km N	Heard 1 undetermined explosion		30 March, 10:52
	7-10km NNE	Heard 1 undetermined explosion		30 March, 11:02
	3-5km NW	Heard 1 undetermined explosion		30 March, 11:22
	6-8km NW	Heard 1 undetermined explosion		30 March, 11:28
	5-8km NE	Heard 3 undetermined explosions		30 March, 11:38-11:45
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	2-4km SW	Heard 11 undetermined explosions	N/K	30 March, 10:00-10:25
		Heard 15 undetermined explosions		30 March, 10:30-10:25
	2-3km NW	Heard 1 undetermined explosion		30 March, 11:03
	5-6km SW	Heard 1 undetermined explosion		30 March, 11:07
	2-3km NW	Heard 2 undetermined explosions		30 March, 11:16-11:26
	4-5km WSW	Heard 34 shots	HMG	30 March, 11:26-11:30
	2-4km W	Heard 2 undetermined explosions	N/K	30 March, 11:33
	3-5km NNW	Heard 12 shots	HMG	
	2-4km SW	Heard 1 undetermined explosion	N/K	30 March, 11:39
	3-5km NNW	Heard 6 shots	HMG	
	2-4km SW	Heard 1 undetermined explosion	N/K	30 March, 11:44
	3-5km NNW	Heard 6 shots	HMG	30 March, 11:46
	2-4km NNW	Heard 6 undetermined explosions	N/K	30 March, 12:07-12:19
	2-4km W	Heard 1 undetermined explosion		30 March, 13:22
	3-4km NW	Heard 17 shots	HMG	30 March, 13:35-13:37
		Heard 4 undetermined explosions	N/K	30 March, 13:45
	3-5km W	Heard 3 undetermined explosions		30 March, 13:47
	4-5km WSW	Heard 2 undetermined explosions		30 March, 13:50-13:55
	3-4km NW	Heard 2 undetermined explosions		30 March, 13:55
		Heard 7 shots	HMG	30 March, 13:56
		Heard 4 undetermined explosions	N/K	30 March, 13:58
	2-3km NNW	Heard 4 undetermined explosions		30 March, 14:03
	2-3km W	Heard uncountable overlapping bursts	Small arms	30 March, 14:05
		Heard 7 undetermined explosions	N/K	30 March, 14:05
		Heard 49 shots	Small arms	30 March, 14:08-14:31
	3-5km NW	Heard 7 undetermined explosions	N/K	

	3-5km W	Heard 7 undetermined explosions	HMG	30 March, 14:33-14:53
	2-4km W	Heard 48 undetermined explosions Heard 29 shots		
	2-4km WNW	Heard 7 bursts		30 March, 14:53-14:56
3km NW of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K W	Heard 4 undetermined explosions	N/K	30 March, 10:20-10:50
	N/K N	Heard 2 undetermined explosions		
Kyrylivka (government-controlled, 26km NE of Mariupol)	N/K WSW	Heard 1 undetermined explosion	N/K	30 March, 10:49
7km N of Horlivka ("DPR"-controlled, 39km NE of Donetsk)	2-3km N	Heard 2 explosions (outgoing)	N/K	30 March, 10:57
1km N of Zaichenko ("DPR"-controlled, 26km NE of Mariupol)	N/K W	Heard 10 bursts (30 shots)	Small arms	30 March, 11:00
	6-8km NNW	Heard 1 undetermined explosion	N/K	30 March, 13:08
Zoria (government-controlled, 22km NE of Mariupol)	N/K W	Heard 1 undetermined explosion	N/K	30 March, 11:00
Vesele (government-controlled, 38km NW of Donetsk)	2km SE	Heard and saw 1 explosion (impact)	Artillery (122mm)	30 March, 11:01
	4-5km W	Heard 1 undetermined explosion	N/K	30 March, 11:20
1.6km SE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K W	Heard 4 undetermined explosion	N/K	30 March, 11:45-12:20
		Heard 1 undetermined explosion		30 March, 12:30-12:45
	N/K NNE	Heard 2 undetermined explosions		
Pikuzy ("DPR"-controlled, 23km NE of Mariupol)	5-7km NNW	Heard 3 undetermined explosions	N/K	30 March, 12:21-12:45
	0.8-1km N	Heard 8 shots		
	1km N	Heard 8 undetermined explosions		
E edge of Horlivka ("DPR"-controlled, 39km NE of Donetsk)	8-10km NW	Heard 1 undetermined explosion	N/K	30 March, 14:10
Avdiivka (government-controlled, 17km N of Donetsk)	2-4km S	Heard 1 undetermined explosion	N/K	30 March, 14:10
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	5-10km W	Heard 5 undetermined explosions	N/K	29 March, 19:50-19:55
	5-10km SW	Heard 5 undetermined explosions		29 March, 20:40-20:45
	10km W	Heard 5 undetermined explosions		29 March, 21:15-21:25
	7-10km W	Heard 11 undetermined explosions		29 March, 21:30-21:32
	4-6km W	Heard 2 undetermined explosions		29 March, 21:41-21:46
	7-10km W	Heard 2 undetermined explosions		29 March, 21:58-23:58
	5-7km NW	Heard 5 undetermined explosions		
	>8km W	Heard 57 undetermined explosions		
	>5km NW and SW	Heard 28 undetermined explosions Heard 56 bursts	HMG	
		Heard 4 outgoing explosions	N/K	
	>8km W	Heard 44 undetermined explosions	IFV (BMP-1) cannon (73mm)	

	>10km W	Heard 15 undetermined explosions	N/K	
	>10km SW	Saw and heard 8 explosions (outgoing)		
	>5km NW	Heard 8 salvos (outgoing) (10 rockets each)	MLRS (BM-21 <i>Grad</i> , 122mm)	30 March, 00:02-00:55
	>8km SW	Heard 13 undetermined explosions	N/K	30 March, 02:09
	>5km NW	Heard 7 salvos (outgoing) (10 rockets each)	(MLRS) (BM-21)	30 March, 03:00
	10-15km W	Heard 4 undetermined explosions	N/K	30 March, 10:38
Kalynove ("LPR"-controlled, 60km W of Luhansk)	7km NW	Heard 2 undetermined explosions	N/K	30 March, 09:45
Pervomaisk ("LPR"-controlled, 58km W of Luhansk)	3-5km W	Heard 15 undetermined explosions	N/K	30 March, 10:34-10:48
3.3km W of Dmytrivka (government-controlled, 43km N of Luhansk)	3km E	Heard 10 bursts (3 shots each) (assessed as live-fire exercise)	IFV (BMP-2) cannon	30 March, 10:35-10:45
		Heard 20 explosions (outgoing) (assessed as live-fire exercise)	IFV (BMP-1) cannon	
Kalynove-Borshchuvate ("LPR"-controlled, 61km W of Luhansk)	3-4km W	Heard 1 undetermined explosion	N/K	30 March, 10:54
Myrne ("LPR"-controlled, 28km SW of Luhansk)	5km SW	Heard 12 undetermined explosions (assessed as live-fire exercise)	Artillery (type N/K)	30 March, 11:52
Katerynivka (formerly Yuvileine, "LPR"-controlled, 8km W of Luhansk)	1km N	Heard 40-50 shots	Small arms	30 March, 12:10
Zolote-4 (government-controlled, 60km NW of Luhansk)	8-10km SW	Heard 30 undetermined explosions (assessed as outside disengagement area)	N/K	30 March, 12:12-12:15
	3-5km NE	Heard 1 undetermined explosion (assessed as outside disengagement area)		30 March, 12:25

Map of Donetsk and Luhansk regions²



² 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.)