

Table of ceasefire violations as of 16 October 2016¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Park Inn Hotel (“DPR”-controlled, Donetsk city center)	8-10km N	Heard 4 undetermined explosions	N/K	14 October, 20:56
		Heard 1 undetermined explosion		14 October, 20:58
		Heard 2 undetermined explosions		14 October, 21:00
		Heard 3 undetermined explosions		14 October, 23:57
		Heard 2 undetermined explosions		14 October, 23:58
		Heard 1 undetermined explosion		15 October, 00:07
		Heard 1 undetermined explosion		15 October, 00:08
		Heard 2 undetermined explosions		15 October, 00:13
		Heard 2 undetermined explosions		15 October, 00:14
		Heard 5 undetermined explosions		15 October, 00:20
		Heard 3 undetermined explosions		15 October, 00:22
		Heard 1 undetermined explosion		15 October, 00:23
		Heard 3 undetermined explosions		15 October, 00:25
		Heard 4 undetermined explosions		15 October, 00:29
		Heard 1 undetermined explosion		15 October, 00:31
		Heard 2 undetermined explosions		15 October, 00:38
		Heard 1 undetermined explosion		15 October, 01:00
		Heard 2 undetermined explosions		15 October, 03:01
Heard 2 undetermined explosions	15 October, 03:02			
SMM camera in Oktiabr mine (“DPR”-controlled, 8km NW of Donetsk city centre)	3-4km NNE	Recorded 1 undetermined explosion	N/K	14 October, 20:33
Horlivka (“DPR”-controlled, 39km NE of Donetsk)	4-5km WNW	Heard 5 bursts	AGL	14 October, 18:06
		Heard 3 bursts	HMG	14 October, 18:08
		Heard 7 undetermined explosions	RPG	14 October, 19:02-19:27
		Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, 73mm) or IFV (BMP-1) cannon (73mm)	14 October, 19:39
		Heard 3 bursts	AGL	14 October, 19:40
		Heard 4 undetermined explosions	RPG	14 October, 19:41-19:44
		Heard 3 bursts	AGL	14 October, 19:46
		Heard 3 explosions (outgoing)	Recoilless gun (SPG-9) or IFV (BMP-2) cannon (30mm)	14 October, 19:49
		Heard 9 bursts	AGL	14 October, 19:49-19:57
		Heard 1 explosion (impact)	Mortar (82mm)	14 October, 19:57
		Heard 1 undetermined explosions	RPG	14 October, 20:00
		Heard 33 bursts	Small arms	14 October, 20:02-20:18
		Heard 14 bursts	AGL	14 October, 20:02-20:18
		Heard 3 explosions (outgoing)	Recoilless gun (SPG-9) or IFV (BMP-2) cannon (30mm)	14 October, 20:08
		Heard 1 undetermined explosion	RPG	14 October, 20:10
		Heard 2 undetermined explosions		14 October, 20:45-20:48
Heard 5 undetermined explosions	14 October, 21:19-21:24			
Svitlodarsk	4-6km SE	Heard 11 shots	Small arms	14 October, 19:26

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.

(government-controlled, 57km NE of Donetsk)	3-5km SE	Heard 3 bursts	HMG	14 October, 19:46	
		Heard 5 shots	AGL		
	4-6km E	Heard 4 undetermined explosions	N/K	14 October, 19:47	
	3-5km SE	Heard 18 bursts	HMG		
		Heard 8 shots	AGL		
		Heard 8 bursts	HMG	14 October, 19:53	
		Heard 17 bursts		14 October, 19:55	
		Heard 2 bursts		14 October, 20:02	
		Heard 11 bursts		14 October, 20:04	
		Heard 12 bursts		14 October, 20:05	
		Heard 8 bursts		14 October, 20:06	
	Heard 5 bursts	14 October, 20:08			
	4-6km SE	Heard 3 undetermined explosions	N/K	14 October, 20:19	
		Heard 23 bursts	HMG	14 October, 20:11	
		Heard 15 bursts			
		Heard 9 shots	AGL		
	3-5km SE	Heard 7 bursts	HMG	14 October, 20:12	
Heard 9 shots		Small arms	14 October, 20:15		
4-6km SE	Heard 3 undetermined explosions	N/K	14 October, 20:18		
3-5km SE	Heard 1 undetermined explosion		14 October, 20:23		
3-5km E	Heard 7 bursts	HMG	14 October, 20:46		
3-5km SE	Heard 11 undetermined explosions	N/K	14 October, 20:52		
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	6-8km SSE	Recorded 3 undetermined explosions	N/K	15 October, 04:02	
		Recorded 1 undetermined explosion		15 October, 04:04	
		Recorded 1 undetermined explosion		15 October, 04:13	
		Recorded 1 undetermined explosion		15 October, 04:16	
		Recorded 1 undetermined explosion		15 October, 04:29	
SMM camera in Shyrokyne (100km S of Donetsk)	N/K, E	Recorded 1 muzzle flash	N/K	14 October, 22:13	
		Recorded 1 rocket- assisted projectile fired from S to NNE			
		Recorded 1 undetermined explosion			
	2km ENE	Recorded 3 rocket- assisted projectiles fired from S to NNE		N/K	15 October, 03:00
		Recorded 4 rocket- assisted projectiles fired from W to E			
N/K, ENE	Recorded 1 undetermined explosion		15 October, 03:03		
2km ENE	Recorded 2 rocket assisted projectiles fired from SW to NE	IFV (BMP-2) cannon (30mm)	15 October, 03:05		
	Recorded 5 bursts of direct tracer fire from S to NNE				
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	5-7km W	Heard 11 undetermined explosions	N/K	15 October, 11:53-12:02	
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	5-8km NW	Heard 2 undetermined explosions	N/K	15 October, 11:03	
		Heard 2 undetermined explosions		15 October, 11:06	
	1-3km W	Heard 2 undetermined explosions		15 October, 11:46	
		Heard 1 undetermined explosion		15 October, 12:58	
		Heard 1 undetermined explosion		15 October, 13:01	
		Heard 1 undetermined explosion		15 October, 13:04	
	2-3km NW	Heard 1 shot		Small arms	15 October, 13:30
	3-5km NW	Heard 1 undetermined explosion		N/K	15 October, 13:31
		Heard 1 undetermined explosion			15 October, 13:47
	3-5km W	Heard 1 undetermined explosion			15 October, 13:56
3-5km NW	Heard 1 undetermined explosion		15 October, 14:08		
3-5km W	Heard 2 undetermined explosions		15 October, 14:14		
Avdiivka (government-	3-4km E	Heard 2 undetermined explosions	N/K	15 October, 13:01	

controlled, 17km N of Donetsk)		Heard 1 explosion (outgoing)	Artillery (N/K calibre)	
		Heard 1 undetermined explosion		15 October, 13:57
	5km SW	Heard 1 undetermined explosion	N/K	15 October, 15:23
	5km W	Heard 1 undetermined explosion		15 October, 15:27
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km SE	Heard 2 undetermined explosions		15 October, 15:38
		Recorded 10 airbursts	Anti-aircraft gun (ZU-23mm)	15 October, 17:01
		Recorded 3 explosions (impacts)		15 October, 17:46
		Recorded 1 explosion (impact)	N/K	15 October, 18:05
Petrivske (“DPR”-controlled, 41km S of Donetsk)	8-10km W	Recorded 1 explosion (impact)		15 October, 18:16
		Heard 1 undetermined explosion	N/K	15 October, 14:10
		Heard 1 undetermined explosion		15 October, 15:17
1.5km N of Sopyne (government - controlled, 101km S of Donetsk)	N/K, E	Heard 1 undetermined explosion		15 October, 15:22
		Heard 1 explosion (outgoing)	Artillery (N/K caliber)	15 October, 08:58
	5km ESE	Heard and saw 1 explosion (impact)		
	8km NE	Heard 5 undetermined explosions	N/K	15 October, 09:02–09:04
		Heard 6 bursts	Small arms	15 October, 09:17–09:19
	7km NE	Heard 1 undetermined explosion		15 October, 09:43
	5–7km NE	Heard 10 undetermined explosions	N/K	15 October, 10:40 – 10:50
N/K, SE	Heard 5 undetermined explosions		15 October, 11:08	
3.5km W of Sartana (government - controlled, 91km S of Donetsk)	5–7km NE	Heard 2 undetermined explosions	N/K	15 October, 10:55
1km N of Zaichenko (“DPR” - controlled, 93km S of Donetsk)	N/K, SSW	Heard 8 undetermined explosions	N/K	15 October, 11:15
3km WSW of Pikuzy (formerly Kominternove, “DPR”-controlled, 23km NE of Mariupol)	N/K, SSE	Heard 8 undetermined explosions	N/K	15 October, 13:07-13:11
Orlivske (government - controlled, 82km S of Donetsk)	6km NE	Heard 2 undetermined explosions		15 October, 13:41
		Heard 2 undetermined explosions	N/K	15 October, 13:49
		Heard 10 undetermined explosions		15 October, 13:51 – 13:53
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	5-10km W	Heard 16 undetermined explosions		15 October,01:22-01:30
		Heard 40 undetermined explosions	N/K	15 October,01:50-02:30
		Heard 37 undetermined explosions		15 October,03:10-03:40
Zolote (government-controlled, 60km W of Luhansk)	4km E/SE	Heard 2 shots		15 October, 07:54
		Heard 1 burst (3 shots)	Small arms	15 October, 08:12
		Heard 1 burst (2 shots)		15 October, 08:14
	5km NE	Heard 4 undetermined explosions	Artillery (122mm)	15 October, 09:12
Stanytsia Luhanska bridge (government-controlled, 16km NE of Luhansk)	15km W	Heard 1 undetermined explosion		15 October, 14:09
		Heard 2 undetermined explosions	N/K	15 October , 14:20
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5 km SE	Recorded 1 undetermined explosion		15 October, 19:35
		Recorded 1 undetermined explosion		15 October, 21:13
		Recorded 1 undetermined explosion	N/K	15 October, 21:44
		Recorded 2 undetermined explosions		16 October, 01:46
		Recorded 1 undetermined explosion		16 October, 01:50
		Recorded 1 undetermined		16 October, 01:51

	explosion	
	Recorded 2 undetermined explosion	16 October, 01:59
	Recorded 2 undetermined explosions	16 October, 02:00
	Recorded 2 undetermined explosions	16 October, 02:12
	Recorded 2 undetermined explosions	16 October, 02:22
	Recorded 1 undetermined explosion	16 October, 02:35
	Recorded 1 undetermined explosion	16 October, 02:46
	Recorded 2 undetermined explosions	16 October, 02:54
	Recorded 2 undetermined explosions	16 October, 03:06
	Recorded 1 undetermined explosion	16 October, 03:07
	Recorded 2 undetermined explosions	16 October, 03:08
	Recorded 1 undetermined explosion	16 October, 03:18
	Recorded 2 undetermined explosions	16 October, 03:19
	Recorded 1 undetermined explosion	16 October, 03:27
	Recorded 1 undetermined explosion	16 October, 03:30
	Recorded 2 undetermined explosions	16 October, 03:31
	Recorded 1 undetermined explosion	16 October, 03:36
	Recorded 2 undetermined explosions	16 October, 03:43
	Recorded 1 undetermined explosion	16 October, 03:51
	Recorded 2 undetermined explosions	16 October, 03:55
	Recorded 2 undetermined explosions	16 October, 03:56
	Recorded 1 undetermined explosion	16 October, 04:05
	Recorded 1 undetermined explosion	16 October, 04:15
	Recorded 2 undetermined explosions	16 October, 04:21
	Recorded 2 undetermined explosions	16 October, 04:31
	Recorded 2 undetermined explosions	16 October, 04:32
	Recorded 1 undetermined explosion	16 October, 04:33
	Recorded 1 undetermined explosion	16 October, 04:34
	Recorded 1 undetermined explosion	16 October, 04:41
	Recorded 3 undetermined explosions	16 October, 04:42
	Recorded 1 undetermined explosion	16 October, 04:52
	Recorded 1 undetermined explosion	16 October, 04:54
	Recorded 1 undetermined explosion	16 October, 05:03

		Recorded 2 undetermined explosions		16 October, 05:06
		Recorded 2 undetermined explosions		16 October, 05:13
		Recorded 2 undetermined explosions		16 October, 05:28
		Recorded 1 undetermined explosion		16 October, 05:29
		Recorded 1 undetermined explosion		16 October, 05:30
		Recorded 2 undetermined explosions		16 October, 05:31
		Recorded 2 undetermined explosions		16 October, 05:40
		Recorded 2 undetermined explosions		16 October, 05:42
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	4-5km WNW	Heard 9 bursts	AGL	15 October, 20:04-20:22
		Heard 5 bursts	Small arms	15 October, 20:05-20:09
		Heard 4 explosions (outgoing)	RPG	15 October, 20:04-20:24
		Heard 2 burst	HMG	15 October, 20:45
		Heard 1 shot	IFV (BMP-2) cannon (30mm)	15 October, 20:47
		Heard 2 explosions (outgoing)	RPG	15 October, 20:43-20:48
		Heard 7 bursts	AGL	15 October, 20:49-21:02
		Heard 4 bursts	Small arms	15 October, 20:53
		Heard 13 burst	HMG	15 October, 20:55-21:06
		Heard 8 explosions (outgoing)	Recoilless gun (SPG-9, 73mm) or IFV (BMP-1) cannon (73mm)	15 October, 20:56-21:08
		Heard 8 bursts	AGL	15 October, 21:06-21:13
		Heard 14 bursts	Small arms	15 October, 21:06-21:14
		Heard 2 explosions (outgoing)	RPG	15 October, 21:10-21:14
		Heard 25 bursts	HMG	15 October, 21:12-21:13
		Heard 2 explosions (outgoing)	Recoilless gun (SPG-9, 73mm) or IFV(BMP-1) cannon (73mm)	15 October, 21:16
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5 km E	Heard 3 bursts	HMG	15 October, 20:07
		Heard 2 bursts		15 October, 20:42
	2-3 km SE	Heard 8 shots	Small arms	15 October, 20:52
SMM camera in Shyrokyne (20km E of Mariupol)	N/K NE	Recorded 5 tracers of direct fire from SW to NE	N/K	15 October, 18:36
		Recorded 5 tracers of direct fire from E to W		15 October, 18:43
		Recorded 2 tracers of direct fire from E to W		15 October, 18:48
		Recorded 11 tracers of direct fire from E to W		15 October, 18:50
		Recorded 8 undetermined explosions		15 October, 19:42
		Recorded 1 rocket- assisted projectile fire from E to W		15 October, 19:52
		Recorded at least 62 tracers of		

		direct fire from E to W		
		Recorded 1 undetermined explosion		15 October, 19:54
		Recorded 1 tracer of direct fire from E to W		15 October, 20:06
		Recorded at least 18 tracers of direct fire from E to W		15 October, 20:11
		Recorded at least 21 tracers of direct fire from E to W		15 October, 20:13
		Recorded at least 6 tracers of direct fire from E to W		15 October, 21:43
		Recorded 67 tracers of direct fire from W to E		
		Recorded at least 52 tracers of direct fire from W to E		15 October, 21:43
		Recorded 4 tracers of direct fire from E to W		
		Recorded at least 24 tracers of direct fire from W to E		15 October, 21:47
		Recorded 5 tracers of direct fire from E to W		
	N/K NNE	Recorded 6 tracers of direct fire from W to E		15 October, 22:09
		Recorded 1 rocket assisted projectile from E to W		15 October, 22:09
		Recorded 5 tracers of direct fire from E to W		15 October, 22:09
		Recorded 1 tracer of indirect fire from SW to NE		15 October, 22:09
		Recorded 1 undetermined explosion		16 October, 02:33
		Recorded 1 undetermined explosion		16 October, 02:36
		Recorded 1 undetermined explosion		16 October, 05:13
		Recorded 1 explosions (outgoing)		16 October, 05:31
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	3km NW	Heard 2 bursts	HMG	16 October, 13:17
	3km N	Heard 9 bursts		16 October, 13:20-13:37
	3km NNW	Heard 6 bursts		16 October, 13:45
	3km N	Heard 3 bursts		16 October, 14:00
	3km NNW	Heard 29 bursts		16 October, 14:05-14:13
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2-5km W	Heard 3 undetermined explosions	N/K	16 October, 12:50
	2-4km W	Heard 1 bursts (5-8 shots)	HMG	
	2-5km WNW	Heard 1 undetermined explosion Heard 2 undetermined explosions	N/K	16 October, 15:07 16 October, 15:09
Avdiivka (government-controlled, 17km N of Donetsk)	5km NE	Heard 2 explosions (outgoing) Heard 1 explosion (outgoing)	Mortar (N/K calibre)	16 October, 12:50 16 October, 12:52
	2-3km NE	Heard 1 explosion (outgoing)	Mortar (120mm)	16 October, 14:01
Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km NNE	Heard 2 undetermined explosions	N/K	16 September, 15:40
		Heard 2 undetermined explosions		16 September, 15:45
		Heard 1 undetermined explosion		16 September, 15:50
		Heard 1 undetermined explosion		16 September, 15:55
		Heard 4 shots	AGL	16 September, 15:56
Sakhanka ("DPR"-controlled, 24km NE of Mariupol)	3km SSW	Heard 22 undetermined explosions	N/K	16 October, 12:35
	2-3km S	Heard 11 explosions (outgoing)		16 October, 12:50-13:00
	5-6km SSW	Saw 3 explosions (impacts)		
	N/K SSW	Heard 3 shots	Small arms	
Sopyne (government-controlled, 16km E of Mariupol)	5km NE	Heard 8 undetermined explosions	N/K	16 October, 12:37
	5-7km E	Heard 25 undetermined explosions		16 October, 12:45
	5-7km E	Heard 12 undetermined		16 October, 12:47-

		explosions		12:51
	3-5km ENE	Heard 25 undetermined explosions		16 October, 13:11
1.6km SE of Lomakyne (government-controlled, 15km NE of Mariupol)	3-5km E	Heard 10 undetermined explosions	N/K	16 October, 14:11-14:17
	2km E	Heard 2 undetermined explosions		16 October, 14:19
	3-5km E	Heard 1 undetermined explosion		16 October, 14:22
Zolote (government-controlled, 60km NW of Luhansk)	5-6km NE	Heard 3 undetermined explosions	N/K	16 October, 09:41
Kalynove-Borshchuvate ("LPR"-controlled, 61km W of Luhansk)	10km NE	Heard 1 undetermined explosion	N/K	16 October, 09:47
Katerynivka (government-controlled, 62km W of Luhansk)	10km NE	Heard about 20 undetermined explosions	Mortar (82, 120mm), under-barrel grenade launcher	16 October, 10:25-10:40
Kadiivka (formerly Stakhanov, "LPR"-controlled, 50km W of Luhansk)	5-8km NW	Heard 8 undetermined explosions	N/K	16 October, 10:35-10:42
		Heard 18 shots	HMG	
Novooleksandrivka (non-controlled, 65km W of Luhansk)	5km ENE	Heard six bursts	HMG	16 October, 10:37
Katerynivka (government-controlled, 62km W of Luhansk)	6-7km ENE	Heard over 20 undetermined explosions	Under-barrel grenade launcher, AGL (AGS-17)	16 October, 10:54-11:08
		Heard over 100 bursts	HMG	
Zolote (government-controlled, 60km W of Luhansk)	4-6km E	Heard about 20 undetermined explosions	Mortar (82, 120mm), AGL (AGS-17)	16 October, 11:35-11:52
		Heard sporadic bursts	HMG	
	1-2m	Heard 2 impacts at patrol location		16 October, 11:52

Map of Donetsk and Luhansk regions²



² The SMM is actively 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.)