

Table of ceasefire violations as of 10 January 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SE	Heard 15 bursts	HMG	09 January, 18:15-18:20
		Heard 9 explosions (outgoing)	Mortar (120mm)	09 January, 18:25-18:35
		Heard 10 burst	HMG/AGL	09 January, 18:40-18:45
		Heard 5 explosions (incoming)		09 January, 18:55-19:15
		Heard 50 burst	HMG	09 January, 19:20-19:35
		Heard 15 explosions (outgoing)	Mortar (82mm, Vasilyek)	09 January, 19:40-19:50
		Heard 5 explosions (incoming)		09 January, 19:50-20:15
		Heard 4 explosions (outgoing)	Mortar (120mm)	09 January, 20:15-20:20
		Heard 15 explosions (outgoing)		09 January, 20:30-20:35
		Heard 9 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	09 January, 20:20-20:25
		Heard 8 explosions (outgoing)	Mortar (82mm)	09 January, 21:15-21:30
		Heard 4 explosion (incoming)		09 January, 21:30-21:40
		Heard 5 explosions (incoming)	IFV (BMP-1) cannon (73mm)	09 January, 21:55-22:05
		Heard 15 explosions (outgoing)		09 January, 22:05-22:15
		Heard 5 explosions (incoming)	Recoilless gun (SPG-9, 73mm)	09 January, 22:15-22:25
		Heard 4 explosions (outgoing)	Mortar (82mm, Vasilyek)	09 January, 22:25-22:35
		Heard uncountable bursts	HMG	09 January, 22:40-23:00
		Heard 10 explosions (outgoing)	Mortar (82mm)	09 January, 23:00-23:10
		Heard 5 explosions (incoming)		09 January, 23:10-23:15
		Heard 15 explosions (outgoing)	N/K	10 January, 17:14-17:20
		Heard 5 explosions (incoming)		10 January, 17:25
		Heard 15 bursts (outgoing)	HMG	10 January, 17:31
		Heard 10 explosions (outgoing)	Artillery (N/K calibre)	10 January, 17:41
		Heard 4 bursts	Small arms	10 January, 17:42
		Heard 4 explosions (impacts)	Artillery (N/K calibre)	10 January, 17:44
		Heard 3 explosions (impacts)		10 January, 17:46-18:04
		Heard 2 explosions (outgoing)	Small arms	10 January, 18:02
Heard 3 explosions (impacts)	9 January, 18:21-18:25			
Heard continuous exchange of fire	Artillery (N/K calibre)			
Heard 1 explosion (impact)	N/K			
SMM camera in Avdiivka	3-4km ESE	Recorded 25 projectiles of direct fire in flight from S to N	N/K	

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, 17km N of Donetsk)	Recorded 22 projectiles of direct fire in flight from S to N	N/K	9 January, 18:58-19:01
	Recorded 9 projectiles of direct fire in flight from N to S		9 January, 19:05-19:21
	Recorded 22 projectiles of direct fire in flight from S to N		9 January, 19:24-19:25
	Recorded 15 projectiles of direct fire in flight from S to N		9 January, 19:32-19:38
	Recorded 1 undetermined explosion		9 January, 19:58
	Recorded 1 projectile of direct fire in flight from N to S		9 January, 20:22
	Recorded 2 projectiles of direct fire in flight from N to S		09 January, 21:21
	Recorded 11 projectiles of direct fire in flight from N to S		9 January, 21:23
	Recorded 39 projectiles of direct fire in flight from N to S		9 January, 21:27-21:47
	Recorded 7 projectiles of direct fire in flight from S to N		9 January, 21:35
	Recorded 2 undetermined explosions		9 January, 21:46
	Recorded 2 projectiles of direct fire in flight from N to S		9 January, 21:47
	Recorded 37 projectiles of direct fire in flight from S to N		9 January, 21:47-22:08
	Recorded 13 projectiles of direct fire in flight from N to S		9 January, 22:07-22:11
	Recorded 14 projectiles of direct fire in flight from S to N		9 January, 22:07-22:11
	Recorded 2 undetermined explosions		9 January, 22:12
	Recorded 1 undetermined explosion		9 January, 22:14
	Recorded 1 undetermined explosion		9 January, 22:18
	Recorded 20 projectiles of direct fire in flight from S to N		9 January, 22:18-22:22
	Recorded 2 undetermined explosions		9 January, 22:22
	Recorded 33 projectiles of direct fire in flight from N to S		9 January, 22:24-22:32
	Recorded 2 undetermined explosions		9 January, 22:32
	Recorded 6 undetermined explosions		9 January, 22:35-22:38
	Recorded 12 projectiles of direct fire in flight from N to S		9 January, 22:35-22:45
	Recorded 4 undetermined explosions		9 January, 22:40-22:42
	Recorded 7 projectiles of direct fire in flight from S to N		9 January, 22:49-22:55
	Recorded 1 projectiles of direct fire in flight from N to S		9 January, 22:55
	Recorded 1 undetermined explosion		9 January, 22:55
	Recorded 1 undetermined explosion		9 January, 23:02
	Recorded 3 projectiles of direct fire in flight from S to N		9 January, 23:02-23:05
	Recorded 1 undetermined explosion		9 January, 23:05
	Recorded 12 projectiles of direct fire in flight from N to S		9 January, 23:09

		Recorded 1 undetermined explosion		9 January, 23:09
		Recorded 3 projectiles of direct fire in flight from S to N		9 January, 23:11
		Recorded 5 projectiles of direct fire in flight from N to S		9 January, 23:47
	3km ESE	Recorded 5 rocket assisted projectiles of direct fire in flight from NNE to SSW		10 January, 14:44 - 14:46
		Recorded 1 rocket assisted projectile of direct fire, in flight from WSW to ENE		10 January, 14:52
	4-5km ESE	Recorded 61 projectiles of direct fire, in flight from SW to NE		10 January, 15:01
		Recorded 2 undetermined explosions		10 January, 15:01
	3km ESE	Recorded 1 undetermined explosion		10 January, 15:03
		Recorded 1 projectile of direct fire, in flight from SW to NE		10 January, 15:03
		Recorded 1 undetermined explosion		10 January, 15:09
	3-4km ESE	Recorded 2 undetermined explosions		10 January, 15:12
	3km ESE	Recorded 1 projectile of direct fire, in flight from NNE to SSW		10 January, 15:16
		Recorded 1 undetermined explosion		10 January, 15:19
	3 km ESE	Recorded 1 projectile of direct fire, in flight from SW to NE		10 January, 15:47
	4-5 km ESE	Recorded 1 projectile of direct fire, in flight from SW to NE		10 January, 15:49
	3km ESE	Recorded 3 rocket-assisted projectiles of direct fire in flight from SW to NE		10 January, 15:51 – 15:53
	4-5km ESE	Recorded 3 projectiles of direct fire, in flight from NE to SW		10 January, 15:55
	5-6km ESE	Recorded 1 projectile of direct fire, in flight from NE to SW		10 January, 16:02
	4-6km ESE	Recorded 5 projectile of direct fire, in flight from NE to SW		10 January, 16:10
	4-5km ESE	Recorded 1 projectile of direct fire, in flight from NE to SW	N/K	10 January, 16:13
	3-4km ESE	Recorded 1 projectile of direct fire, in flight from SW to NE		10 January, 16:15
	3km ESE	Recorded 2 rocket assisted projectiles of direct fire, in flight from ENE to WSW		10 January, 16:17
	4-6km ESE	Recorded 3 projectile of direct fire, in flight from NE to SW		10 January, 16:20
	4-6km ESE	Recorded 9 projectile of direct fire, in flight from NE to SW		10 January, 16:23 – 16:24
	3-4km ESE	Recorded 3 rocket-assisted projectiles of direct fire, in flight from NE to SW		10 January, 16:25
	4-6km SE	Recorded 4 projectiles of direct fire, in flight from NE to SW		10 January, 16:32
	3-6km ESE	Recorded 1 undetermined explosion		10 January, 16:46
	3-6km ESE	Recorded 1 undetermined explosion		10 January, 16:52
	4-6km ESE	Recorded 1 projectile of direct fire, in flight from SW to NE		10 January, 17:03
	4-6km ESE	Recorded 10 undetermined explosions		10 January, 17:05 – 17:22
	3km ESE	Recorded 1 rocket-assisted projectile of direct fire, in flight		10 January, 17:32

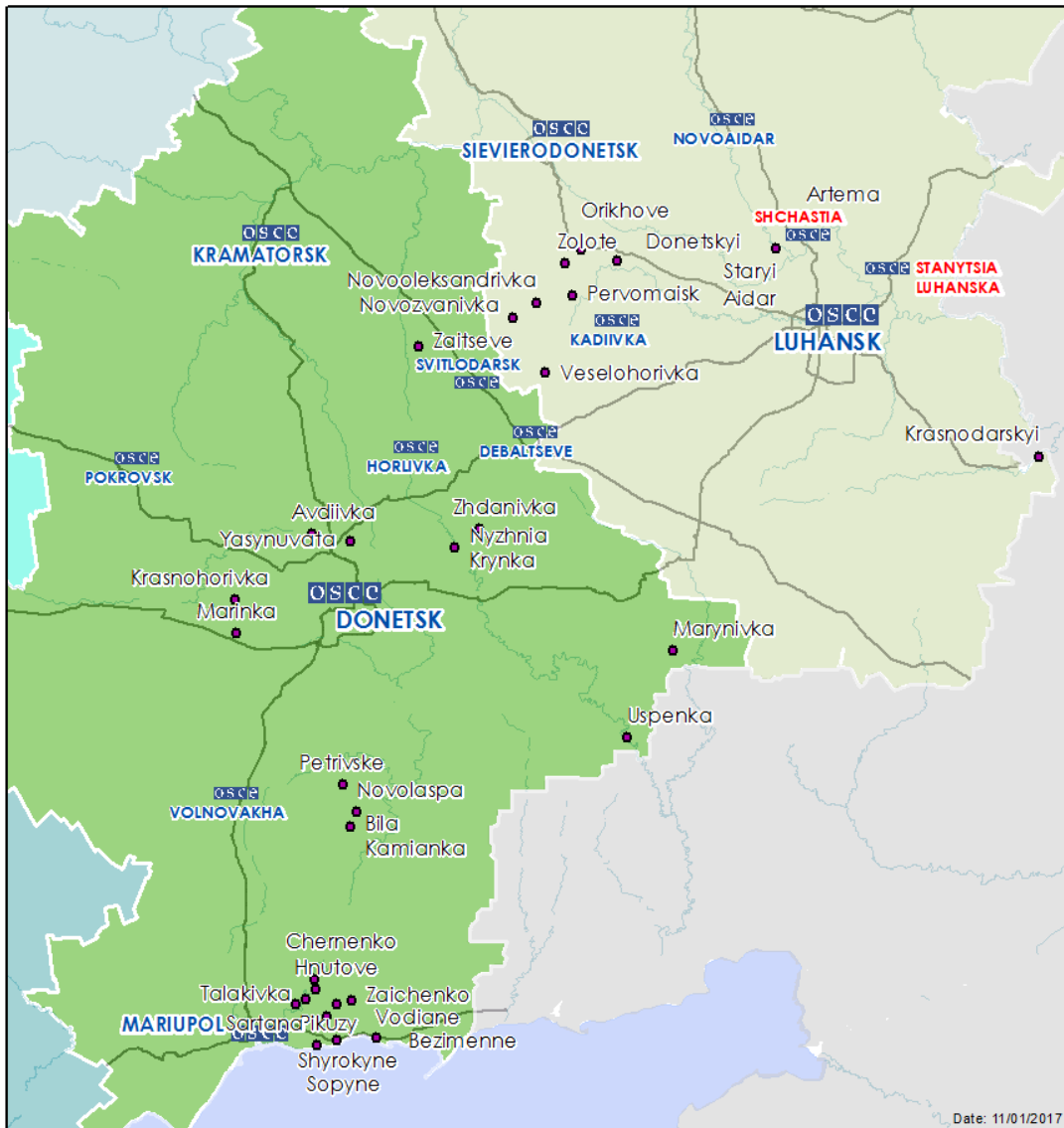
		from NE to SW			
	4-6km ESE	Recorded 2 undetermined explosions		10 January, 17:35	
	3-5km ESE	Recorded 1 rocket-assisted projectile of direct fire, in flight from NE to SW		10 January, 17:55	
	4-6km ESE	Recorded 2 undetermined explosions		10 January, 18:05	
SMM camera at Oktiabr mine (9km NW of Donetsk city centre)	9-11km NE	Recorded 1 projectile of direct fire in flight from N to S	N/K	09 January, 18:46	
	6-10km NE	Recorded 2 undetermined explosions		09 January, 18:49	
		Recorded 2 undetermined explosions		09 January, 19:43	
		Recorded 1 projectile of direct fire in flight from S to N		09 January, 19:44	
		Recorded 11 undetermined explosions		09 January, 19:47-19:58	
		Recorded 13 projectiles of direct fire in flight from N to S		09 January, 19:47-19:55	
		Recorded 3 projectiles of direct fire in flight from S to N		09 January, 19:55	
		Recorded 1 undetermined explosion		09 January, 20:05	
		Recorded 1 undetermined explosion		09 January, 20:06	
	8-10 km NE	Recorded 1 undetermined explosion		09 January, 20:08	
		Recorded 2 undetermined explosions		10 January, 14:56	
		Recorded 1 airburst explosion		10 January, 14:57	
	4-5 km NE	Recorded 4 undetermined explosions		10 January, 14:57 – 15:00	
		Recorded 1 airburst explosion		10 January, 15:05	
	8-10 km NE	Recorded 1 undetermined explosion		10 January, 15:21	
	4-6 km NE	Recorded 1 illumination flare		10 January, 17:58	
	6-10 km NE	Recorded 1 undetermined explosion		10 January, 18:10	
SMM camera in Shyrokyne (20km E of Mariupol)	N/K N	Recorded 1 illumination flare in flight from W to E	N/K	9 January, 19:05-19:09	
		Recorded 1 illumination flare in flight from E to W			
		Recorded 1 undetermined explosion		9 January, 19:53	
		Recorded 1 rocket assisted projectile in flight from W to E		9 January, 20:28	
		Recorded 1 undetermined explosion		9 January, 20:42	
		Recorded 9 tracer rounds in flight from E to W		Small arms	10 January,00:10 – 00:11
		Recorded 1 explosion (outgoing)		N/K	10 January, 00:56
		Recorded 2 rocket assisted projectiles in flight from SSW to NNE		Small arms	10 January, 01:37 – 01:38
		Recorded 2 rocket assisted projectiles in flight from E to W			
		Recorded 6 tracers in flight from E to W			
		Recorded 16 tracers in flight from W to E		N/K	10 January, 01:43
		Recorded 1 undetermined explosion			
		Recorded 1 undetermined explosion		Small arms	10 January, 01:44
		Recorded 1 10 tracer rounds in flight from W to E			
Recorded 1 illumination flare in	N/K	10 January, 02:32			

		flight from SSW to NNE.		
		Recorded 1 rocket assisted projectile in flight from E to W		10 January, 03:10
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	6-12km NW	Heard 316 undetermined explosions	N/K	9 January, 19:20-22:49
	3-4km NW	Heard 1 explosion (outgoing)		10 January, 10:35
	5-7km NW	Heard 1 undetermined explosion Heard 2 undetermined explosions		10 January, 10:49 10 January, 11:00
Horlivka FPB ("DPR"-controlled, 39km NE of Donetsk)	6-9km SW	Heard 1 undetermined explosion	N/K	09 January, 19:36
	5-8km S	Heard 4 single shots	Small arms	09 January, 22:52
		Heard 3 single shots Heard 2 single shots		09 January, 22:57 09 January, 22:59
Park Inn Hotel ("DPR"-controlled, Donetsk)	10-15km NNE	Heard 15 undetermined explosions	N/K	9 January, 20:12-20:23
		Heard 1 undetermined explosion		9 January, 20:31
		Heard 3 undetermined explosions		9 January, 20:37-20:39
		Heard 7 undetermined explosions		9 January, 21:31-21:35
		Heard 3 undetermined explosions		9 January, 21:44-21:46
		Heard 3 undetermined explosions		9 January, 20:51
		Heard 1 undetermined explosion		9 January, 22:01
		Heard 7 undetermined explosions		9 January, 22:09
		Heard 1 undetermined explosion		9 January, 22:16
		Heard 1 undetermined explosion		9 January, 22:23
		Heard 3 undetermined explosions		9 January, 22:27
		Heard 2 undetermined explosions		9 January, 22:33
		Heard 2 undetermined explosions		9 January, 22:35
		Heard 2 undetermined explosions		9 January, 22:53
Heard 1 undetermined explosion	10 January, 02:49			
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	3-5km W	Heard 1 undetermined explosion	N/K	10 January, 10:20
	3km NW	Heard 1 undetermined explosion		10 January, 10:45
		Heard 1 undetermined explosion		10 January, 11:16
	3-5km W	Heard 1 undetermined explosion		10 January, 11:35
		Heard 1 undetermined explosion	10 January, 11:38	
		Heard 10 bursts	HMG	10 January, 11:39
	3km NW	Heard 2 undetermined explosions	N/K	10 January, 11:42
		Heard 3 bursts	HMG	10 January, 11:43
	3-5km NNW	Heard 1 undetermined explosion	N/K	10 January, 11:45
		Heard uncountable overlapping bursts and shots	Small arms	10 January, 12:00-12:01
		Heard 3 undetermined explosions	N/K	10 January, 12:04
		Heard 1 undetermined explosion		10 January, 12:06
		Heard 2 undetermined explosions	10 January, 12:09	
		Heard 8 shots	Small arms	10 January, 12:13
		Heard 3 bursts		10 January, 12:14
	Heard uncountable overlapping bursts and shots	10 January, 12:15-12:16		
	3-5km W	Heard 1 undetermined explosion	N/K	10 January, 12:16
	3-5km NNW	Heard uncountable overlapping bursts and shots	Small arms	10 January, 12:17-12:18
Heard 1 undetermined explosion		N/K	10 January, 12:18	
Heard 1 undetermined explosion			10 January, 12:19	
Heard 1 bursts		Small arms	10 January, 12:19	
Heard uncountable overlapping	10 January, 12:22-			

		bursts and shots		12:23
		Heard 1 undetermined explosion	N/K	10 January, 12:24
		Heard uncountable overlapping bursts and shots	Small arms	10 January, 12:25-12:26
		Heard 1 undetermined explosion	N/K	
		Heard 37 shots	Small arms	10 January, 12:22-12:40
		Heard 2 undetermined explosions	N/K	
3-5km NW	Heard 6 shots	Small arms	10 January, 12:45-12:54	
	Heard 1 undetermined explosion	N/K		
3-5km W	Heard 3 bursts	HMG		
Chernenko (government-controlled, 21km NE of Mariupol)	N/K S	Heard 1 undetermined explosion	N/K	10 January, 10:54
	4-5km SE	Heard 20 bursts	Small arms	10 January, 11:25-11:32
Avdiivka (government-controlled, 17km NW of Donetsk)	5km SW	Heard 21 undetermined explosion	N/K	10 January, 11:00-11:25
		Heard 25 bursts	HMG	
Hnutove (government-controlled, 20km NE of Mariupol)	N/K SE	Heard 3 explosions (outgoing)	N/K	10 January, 13:00-13:15
		Heard 3 explosions (impact)		
Zaichenko (“DPR”-controlled, 26km NE of Mariupol)	3-5km SW	Heard 2 explosions (outgoing)	N/K	10 January, 13:04
	1-2km SW	Heard 3 explosions (outgoing)		10 January, 13:07
Marinka government-controlled, 23km SW of Donetsk	3-5km NE	Heard 1 undetermined explosion	N/K	10 January, 13:12-13:17
		Heard 1 undetermined explosion		
Shyrokyne (government-controlled, 20km E of Mariupol)	N/K N	Heard 1 undetermined explosion	N/K	10 January, 13:20-13:27
	3km S	Heard uncountable shots and bursts (at least 50 shots altogether)	Small arms	
	5-6km N	Heard 1 undetermined explosion	N/K	10 January, 14:00
Novooleksandrivka (65km W of Luhansk)	500m S	Heard 11 shots	HMG	10 January, 9:55 – 10:05
		Heard 1 undetermined explosion	N/K	
		Heard 30 shots	Small arms	
600m S of Zolote disengagement area (government-controlled, 61km W of Luhansk)	5km SW	Heard 7 bursts	N/K	10 January, 10:39 – 10:45
Veselo horivka (“LPR”-controlled, 65km W of Luhansk)	10km NW	Heard 40 undetermined explosions	N/K	10 January, 10:43-11:42
		Heard 600 shots	SALW	
Zolote (government-controlled, 60km W of Luhansk)	5-7km NW	Heard 38 outgoing explosions	Artillery (152mm)	10 January, 11:10 – 12:15
		Heard 17 bursts	HMG	
	7-10km SW	Heard 8 explosions (impacts)	N/K	
Donetskyi (“LPR”-controlled, 50km W of Luhansk)	5-10km SW	Heard 100 undetermined explosions	Artillery (type N/K)	10 January, 11:30 – 13:25
		Heard 78 undetermined explosions	Mortar (type N/K)	
		Heard 40 bursts	HMG	
300m N of Zolote disengagement area (government-controlled, 61km W of Luhansk)	5km S	Heard 3 undetermined explosion	N/K	10 January, 11:28 - 11:38
1.4km s of Novozvanivka (government-	2km E	Heard 2 outgoing explosions	Mortar (type N/K)	10 January, 12:08

controlled, 71km W of Luhansk)				
Kadivka (formerly Stakhanov, 50km W of Luhansk)	10km WSW	Heard 300+ undetermined explosions	N/K	10 January 12:14 – 14:50
Zolote-4 (government-controlled, 61km W of Luhansk)	5km SE	Heard 5 undetermined explosions	N/K	10 January 12:30 – 12:40
		Heard 3 bursts	Small arms	
Popasna (government-controlled, 69km W of Luhansk)	2-3km E	Heard 4 bursts	Small arms	10 January, 12:38 – 12:45
1.5km S of Zolote (government-controlled, 61km W of Luhansk)	5km SE	Heard 5 undetermined explosions	N/K	10 January 13:10 – 13:30
3km S of Staryi Aidar (government-controlled, 21km N of Luhansk)	6-8km SW	Heard 14 explosions	Artillery (type N/K)	10 January 13:12

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.)