

Table of ceasefire violations as of 13 August 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time	
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Recorded 1 airburst	N/K	11 August, 20:05	
		Recorded 1 projectile from W to E		11 August, 21:11	
		Recorded 1 projectile from W to E		11 August, 21:24	
		Recorded 1 projectile from S to N		11 August, 21:33	
		Recorded 1 projectile from W to E		11 August, 21:39	
	2-3km E	Recorded 5 projectiles in vertical flight	Anti-aircraft cannon (type N/K)	11 August, 22:13	
		Recorded 1 burst (at least 5 tracers) in vertical flight		11 August, 22:14	
	3-5km ESE	Recorded 3 projectiles from W to E	N/K	11 August, 22:25	
	3-6km SE	Recorded 1 airburst		12 August, 05:06	
	4-6km ESE	4-6km ESE	Recorded 13 projectiles from W to E	N/K	12 August, 20:07-20:25
			Recorded 16 projectiles from E to W		12 August, 20:12-20:47
			Recorded 18 projectiles from E to W		12 August, 22:09-22:52
			Recorded 1 illumination flare in vertical flight		12 August, 22:11
			Recorded at least 40 projectiles from W to E		12 August, 22:30-22:52
			Recorded 2 undetermined explosions		12 August, 22:34-22:56
			Recorded 15 projectiles from W to E		12 August, 23:22
			Recorded at least 25 projectiles from E to W		12 August, 23:48
			Recorded 2 illumination flares in vertical flight		13 August, 00:04-00:23
			Recorded 11 projectiles from W to E		13 August, 00:16-00:25
			Recorded at least 25 projectiles from E to W		13 August, 00:25-00:59
			Recorded 3 projectiles from W to E		13 August, 01:06
			Recorded at least 15 projectiles from W to E		13 August, 01:23
			Recorded at least 10 projectiles from W to E		13 August, 01:27
			Recorded 6 projectiles from SW to NE		13 August, 01:39
			Recorded 2 projectiles from SE to NW		13 August, 01:40
			Recorded 6 projectiles from E to W		13 August, 01:49
			Recorded 4 projectiles from W to E		13 August, 01:50
			Recorded 5 projectiles from SE to NW		13 August, 01:52
			Recorded 1 illumination flare in vertical flight		13 August, 02:03
	Avdiivka	3-5km ESE	Heard 1 undetermined explosion	N/K	13 August, 11:35

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)		Heard 1 undetermined explosion		13 August, 12:19
		Heard 2 undetermined explosions		13 August, 12:55
		Heard 9 undetermined explosions		13 August, 14:11-14:25
	2-3km ESE	Heard 1 burst	HMG	13 August, 14:33
	3-5km ESE	Heard 4 undetermined explosions	N/K	13 August, 14:35-14:37
		Heard 4 undetermined explosions		13 August, 14:48-14:51
		Heard 4 undetermined explosions		13 August, 15:08-15:10
Heard 5 undetermined explosions		13 August, 15:19-15:23		
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km S	Recorded 1 projectile from S to N	N/K	11 August, 21:55
		Recorded 7 projectiles from W to E		11 August, 21:57
		Recorded 27 projectiles from W to E		11 August, 22:02
		Recorded 8 projectiles from W to E		11 August, 22:10
		Recorded 9 projectiles from W to E		11 August, 22:39
		Recorded 9 projectiles from W to E		11 August, 22:43
		Recorded 1 undetermined explosion		11 August, 22:44
		Recorded 1 undetermined explosion		11 August, 22:58
		Recorded 4 projectiles from W to E		11 August, 23:05
		Recorded 11 projectiles from W to E		11 August, 23:06
		Recorded 9 projectiles from W to E		11 August, 23:07
		Recorded 1 undetermined explosion		11 August, 23:07
		Recorded 8 projectiles from W to E		11 August, 23:08
		Recorded 10 projectiles from W to E		11 August, 23:08
		Recorded 2 projectiles from W to E		11 August, 23:09
		Recorded 4 projectiles from W to E		11 August, 23:12
		Recorded 9 projectiles from W to E		11 August, 23:19
		Recorded 4 projectiles from W to E		11 August, 23:22
		Recorded 1 projectile from W to E		11 August, 23:23
		Recorded 2 projectiles from W to E		11 August, 23:31
		Recorded 2 projectiles from W to E		11 August, 23:32
		Recorded 8 tracers from E to W		12 August, 02:38
		Recorded 4 tracers from E to W		12 August, 02:39
	Recorded 1 projectile from S to N	12 August, 02:42		
	Recorded 3 tracers from E to W	12 August, 02:57		
	3-4km NE	Recorded 19 explosions (impacts)	N/K	13 August, 11:37-12:39
		Recorded 5 explosions (impacts)		13 August, 13:14-13:32
		Recorded 7 explosions (impacts)		13 August, 13:36-13:46
		Recorded 1 explosion (impact)		13 August, 14:08
		Recorded 1 explosion (impact)		13 August, 15:10
		Recorded 3 explosions (impacts)		13 August, 15:15
		Recorded 2 explosions (impacts)		13 August, 15:35-15:47
		Recorded 3 explosions (impacts)		13 August, 16:23-16:34
Recorded 2 explosions (impacts)		13 August, 17:23-17:25		
Recorded 1 explosion (impact)	13 August, 18:15			
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	4-6km W	N/K	13 August, 09:52	
	2-3km NW		13 August, 11:35	
	1-2km NW	Small arms	13 August, 11:39	
	2-3km W		13 August, 12:26-12:37	
Donetsk central railway station (“DPR”-controlled, 6km NW of Donetsk city centre)	3-5km N	Heard 1 undetermined explosion	N/K	13 August, 10:40

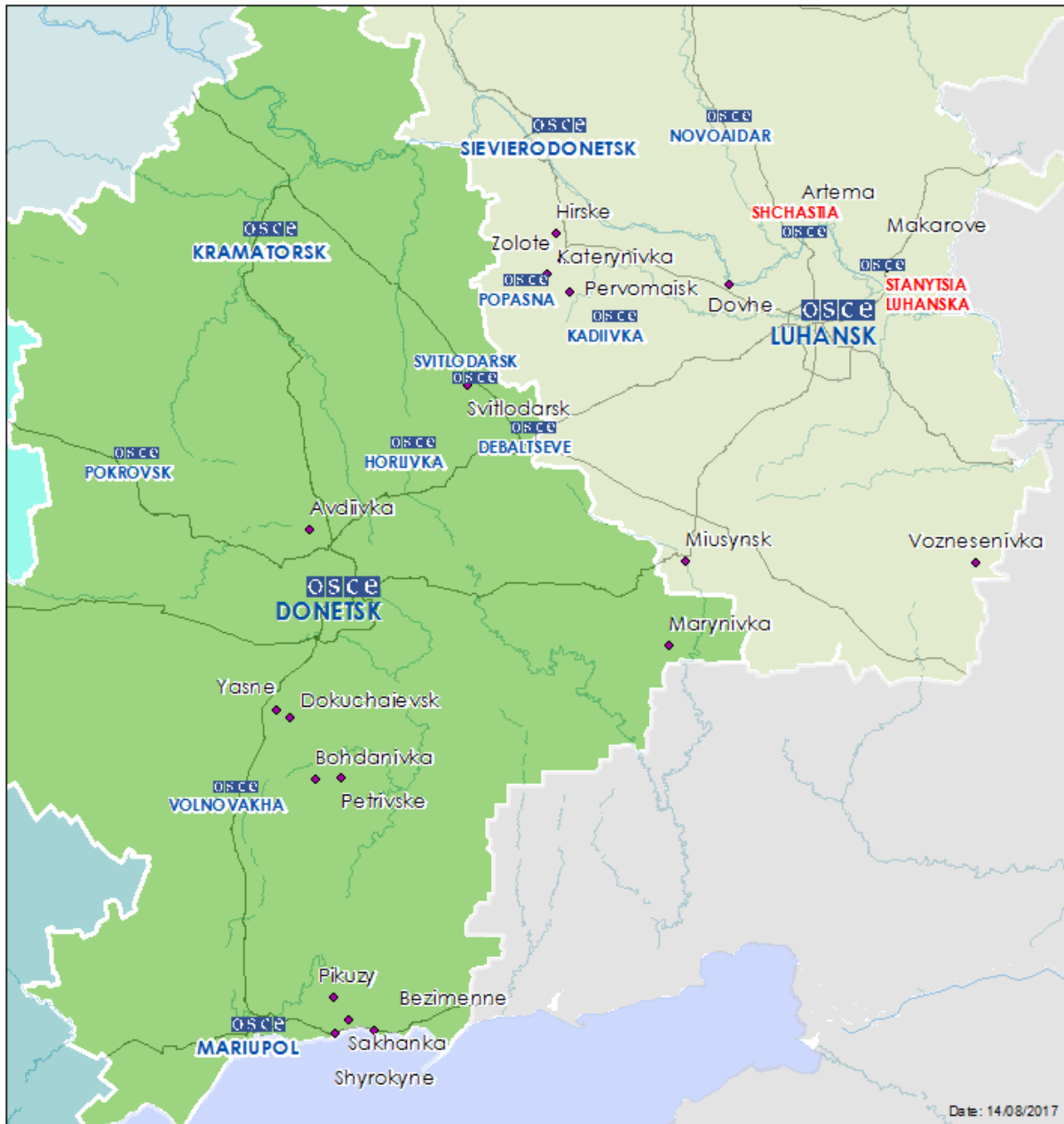
Oleksandrivka ("DPR"-controlled, 20km SW of Donetsk)	2-3km W	Heard 2 undetermined explosions	N/K	13 August, 14:07-14:16
NW edge of Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	3-5km NW	Heard 1 undetermined explosion	N/K	13 August, 14:37
SMM camera in Shyrokyne (20km E of Mariupol)	N/K N	Recorded 1 explosion (outgoing) followed by 1 rocket-assisted projectile from SE to NW	N/K	11 August, 20:20
		Recorded 1 undetermined explosion		11 August, 20:23
		Recorded 1 undetermined explosion		11 August, 20:25
		Recorded 4 tracers from W to E		11 August, 20:31
		Recorded 4 tracers from W to E		11 August, 20:32
		Recorded 1 undetermined explosion		
		Recorded 3 bursts from W to E		11 August, 20:36
		Recorded 1 explosion (outgoing) followed by 1 rocket-assisted projectile from SE to NW		
		Recorded 1 tracer from W to E		11 August, 21:49
		Recorded 1 tracer from W to E		11 August, 21:51
		Recorded 14 undetermined explosions		11 August, 22:08
		Recorded 4 tracers from W to E		11 August, 22:09
		Recorded 4 undetermined explosions		
		Recorded 4 tracers from W to E		11 August, 22:16
		Recorded 2 undetermined explosions		11 August, 22:19
		Recorded 12 undetermined explosions		
		Recorded 1 tracer from W to E		11 August, 22:20
		Recorded 11 undetermined explosions		
		Recorded 1 tracer from W to E		11 August, 22:27
		Recorded 1 undetermined explosion		11 August, 23:18
		Recorded 1 undetermined explosion		11 August, 23:41
		Recorded 3 tracers from W to E		12 August, 00:37
		Recorded 1 tracer from W to E		12 August, 01:08
		Recorded 1 tracer from W to E		12 August, 01:49
		Recorded 1 tracer from W to E		12 August, 01:53
		Recorded 1 undetermined explosion		12 August, 02:21
		Recorded 2 tracers from W to E		
		Recorded 5 tracers from E to W		12 August, 03:40
	Recorded 2 tracers from E to W	12 August, 03:46		
	Recorded 1 tracer from W to E	12 August, 03:48		
	Recorded 2 tracers from W to E	12 August, 03:52		
	Recorded 1 tracer from E to W			
	Recorded 1 tracer from E to W	12 August, 03:53		
	Recorded 1 tracer from W to E	12 August, 04:11		
	Recorded 49 undetermined explosions	12 August, 20:43		
	Recorded 2 tracers from W to E			
	Recorded 1 undetermined explosion	12 August, 21:46		
	Recorded 1 illumination flare in vertical flight	12 August, 22:05		
	Recorded 3 tracers from W to E	12 August, 22:41		
	Recorded 1 illumination flare	12 August, 23:18		
Recorded 1 illumination flare	12 August, 23:25			
Recorded 1 tracer from E to W	12 August, 23:26			
Recorded 1 undetermined explosion	12 August, 23:27			
Recorded 1 tracer from W to E				
Recorded 11 tracers from E to W	12 August, 23:28			
Recorded 7 tracers from W to E	12 August, 23:31			

		Recorded 6 tracers from W to E		12 August, 23:33
		Recorded 8 tracers from E to W		12 August, 23:35
		Recorded 2 tracers from W to E		
		Recorded 3 rocket-assisted projectiles from E to W		12 August, 23:37
		Recorded 2 rocket-assisted projectiles from W to E		
		Recorded 1 rocket-assisted projectile from W to E		12 August, 23:39
		Recorded 8 tracers from E to W		
		Recorded 5 tracers from E to W		12 August, 23:41
		Recorded 2 tracers from W to E		
		Recorded 1 undetermined explosion		12 August, 23:49
		Recorded 3 tracers from E to W		
		Recorded 1 rocket-assisted projectile from W to E		13 August, 00:17
		Recorded 2 tracers from W to E		
		Recorded 4 tracers from E to W		13 August, 01:23
		Recorded 6 tracers from W to E		
		Recorded 4 rocket-assisted projectiles from W to E		13 August, 03:18
		Recorded 2 undetermined explosions		
		Recorded 9 tracers from W to E		13 August, 04:15
		Recorded 3 rocket-assisted projectiles from W to E		
		Recorded 1 tracer from W to E		12 August, 23:52
		Recorded 1 tracer from W to E		
		Recorded 19 tracers from W to E		13 August, 01:23
		Recorded 2 undetermined explosions		
		Recorded 9 tracers from W to E		13 August, 03:18
N/K NNE	13 August, 03:19			
N/K N		13 August, 04:15		
N/K NNE	13 August, 04:16			
N/K N		13 August, 04:16		
Recorded 7 tracers from W to E	13 August, 04:16			
Recorded 2 tracers from W to E		13 August, 04:16		
Recorded 1 tracer from E to W	13 August, 04:16			
Recorded 1 tracer from W to E		13 August, 04:16		
Recorded 1 tracer from E to W	13 August, 04:16			
Recorded 1 tracer from W to E		13 August, 04:16		
Recorded 5 tracers from E to W	13 August, 04:16			
Recorded 1 illumination flare in vertical flight		13 August, 04:16		
900m SW of Shyrokyne (20km E of Mariupol)	N/K NNE		Heard 6 shots	Small arms
	N/K N	Heard 1 undetermined explosion	N/K	
2.2km SSE of Sakhanka ("DPR"-controlled, 24km NE of Mariupol)	N/K NW	Heard 5 shots	Small arms	12 August, 10:58-11:23
		Heard 1 undetermined explosion	N/K	
		Heard 3 shots	Small arms	12 August, 11:33-11:46
		Heard 3 shots		12 August, 11:56-12:11
2.2km SW of Pyshevyk (government-controlled, 25km NE of Mariupol)	N/K E	Heard 4 bursts (3-4 shots each)	Small arms	12 August, 14:24-14:29
		Heard 3 undetermined explosions	N/K	
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-8km SE	Heard 12 shots	Small arms	11 August, 20:18
	8-10km E	Heard 2 undetermined explosions	N/K	11 August, 20:30
	5-8km E	Heard 4 undetermined explosions		11 August, 20:36-20:39
	3-5km SE	Heard 1 undetermined explosion	Small arms	11 August, 21:30
		Heard 4 shots		11 August, 21:45
	5-8km E	Heard 10 bursts	AGL	11 August, 22:00-22:05
Heard 13 shots		11 August, 22:03-22:08		

		Heard 1 undetermined explosion	N/K	11 August, 22:16	
	5km SE	Heard 3 undetermined explosions		12 August, 14:53	
	8-10km E		Heard 3 bursts	Small arms	12 August, 21:08
			Heard 1 undetermined explosion	N/K	12 August, 21:09
			Heard 5 undetermined explosions		12 August, 21:14
			Heard 2 undetermined explosions		12 August, 21:17
			Heard 1 undetermined explosion		12 August, 21:18
			Heard 1 undetermined explosion		12 August, 21:19
		Heard 2 undetermined explosions	12 August, 21:22		
	5-8km E		Heard 1 undetermined explosion		12 August, 21:35
			Heard 1 undetermined explosion		12 August, 21:37
	8-10km E		Heard 3 undetermined explosions		12 August, 21:51
			Heard 2 undetermined explosions		12 August, 21:55
			Heard 2 bursts	Small arms	12 August, 22:00
		Heard 3 undetermined explosions	N/K	12 August, 22:02	
SMM camera in Zolote (government-controlled 60km NW of Luhansk)	3-3.5km ENE	Recorded 6 projectiles from NW to SE (assessed as outside the disengagement area)	N/K	10 August, 21:58	
		Recorded 1 projectile from NW to SE (assessed as outside the disengagement area)		10 August, 23:05	
	10.5-13km E	Recorded 1 projectile from N to S (assessed as outside the disengagement area)		11 August, 22:27	
		Recorded 1 projectile from SW to NE (assessed as outside the disengagement area)			
	8.5-12km E	Recorded 1 projectile from NW to SE (assessed as outside the disengagement area)		11 August, 22:37	
		Recorded 1 projectile in vertical flight (assessed as outside the disengagement area)			
	2.6-3.3km E	Recorded 4 projectiles from NW to SE (assessed as outside the disengagement area)		11 August, 22:43	
	3.5-5km ENE	Recorded 1 projectile from SE to NW (assessed as outside the disengagement area)		11 August, 23:41	
	4.5-5.5km E	Recorded 5 projectiles from NW to SE (assessed as outside the disengagement area)		11 August, 23:45	
	2.6km ESE	Recorded 1 projectile from SW to NE (assessed as outside the disengagement area)		11 August, 23:47	
5.4km SE	Recorded 1 undetermined explosion (assessed as outside the disengagement area)	12 August, 00:29			
Kalynove ("LPR"-controlled, 60km W of Luhansk)	2-4km SW	Heard 2 undetermined explosions	N/K	12 August, 09:58	
Pervomaisk ("LPR"-controlled, 58km W of Luhansk)	3km SSW	Heard 3 undetermined explosions	N/K	12 August, 10:23-10:37	
Zolote-4 (government-controlled 60km NW of Luhansk)	0.6km NE	Heard 1 burst (assessed as outside the disengagement area)	Small arms	12 August 14:53	
		Heard 6 shots (assessed as outside the disengagement area)		12 August 14:53	
	300-400m SE	Heard 1 shot (assessed as outside the disengagement area)		13 August, 10:50	
	1km SSW	Heard 1 shot (unable to assess whether inside or outside the disengagement area)	Small arms	13 August, 15:11	

1.5km W of Zolote-4 (government-controlled 60km NW of Luhansk)	5-7km NE	Heard 1 undetermined explosion and saw smoke and dust plume (assessed as outside the disengagement area)	N/K	12 August 15:44	
Popasna (government-controlled, 69km W of Luhansk)	6-10km SE	Heard 10 bursts	Small arms	11 August, 22:03-22:15	
		Heard 3 bursts	HMG	11 August, 20:30	
		Heard 4 undetermined explosions	N/K	11 August, 20:36-20:39	
		Heard 1 undetermined explosion		11 August, 22:24-22:38	
		Heard 3 bursts	HMG	11 August, 21:45	
	4km SE	Heard 75-100 bursts	HMG	12 August, 02:01-02:03	
	3km SW	Heard 5 shots	IFV (BMP-2) cannon (30mm)	12 August, 02:12-02:15	
	4km SE	Heard 5 shots			
		Heard 100-150 bursts	HMG	12 August, 02:54-02:56	
		Heard 75-100 bursts			
	4km S	Heard 50-75 bursts		12 August, 02:58-02:59	
	4km SE	Heard 4 undetermined explosions	N/K	12 August, 03:21-03:30	
	4km S	Heard uncountable bursts	HMG		
	4km SE	Heard uncountable bursts			12 August, 03:36-3:47
	3-5km NE	Heard 15 undetermined explosions	Heard overlapping multiple bursts	N/K	12 August, 21:35-22:02
				HMG	
	6-8km SSE	Heard 7 undetermined explosions	Heard 15-20 bursts	N/K	12 August, 22:46-22:54
				HMG	
6-8km SE	Heard 4 undetermined explosions	Heard 100-130 bursts	N/K	12 August, 23:23-23:59	
			HMG		
			Heard 1 shot		Small arms
			Heard 8 undetermined explosions		N/K
			Heard 10-15 bursts		HMG
3-5km NE	Heard 7 undetermined explosions	Heard 3 undetermined explosions	N/K	13 August, 02:20-02:45	
				13 August, 03:10-03:15	
1km NE of Novozvanivka (government-controlled, 70km W of Luhansk)	3km E	Heard 1 undetermined explosion	N/K	13 August, 09:25	
Sentianivka (formerly Frunze, "LPR"-controlled, 44km W of Luhansk)	2km NE	Heard 7 bursts	Small arms	13 August, 13:45	

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