

**Table of ceasefire violations as of 3 August 2017<sup>1</sup>**

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
“DPR”-controlled Donetsk city centre	8-10 km NW	Heard 1 undetermined explosion	N/K	2 August, 21:24
		Heard 1 undetermined explosion		2 August, 23:40
		Heard 1 undetermined explosion		2 August, 23:56
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-4km ESE	Recorded 1 undetermined explosion	N/K	2 August, 19:01
	4-5km ESE	Recorded 1 explosion (impact)		2 August, 19:50
		Recorded 1 explosion (impact)		2 August, 20:03
		Recorded 1 explosion (impact)		2 August, 20:08
		Recorded 1 explosion (impact)		2 August, 20:20
		Recorded 1 explosion (impact)		2 August, 20:23
		Recorded 1 explosion (impact)		2 August, 20:27
		Recorded 1 explosion (impact)		2 August, 20:28
		Recorded at least 30 tracers from N to S		2 August, 20:59
		Recorded 5 tracers from N to S		2 August, 21:00
		Recorded 1 projectile from N to S		2 August, 21:03
		Recorded 3 tracers from N to S		2 August, 21:04
		Recorded 10 tracers from N to S		2 August, 21:06
		Recorded 10 tracers from N to S		2 August, 21:06
		Recorded 3 projectiles from N to S		2 August, 22:30
		Recorded 15 tracers from S to N		2 August, 22:55
		Recorded 3 tracers from S to N		2 August, 23:24
		Recorded 13 tracers from S to N		3 August, 00:43
		Recorded 1 illumination flare in vertical flight		3 August, 04:13
		Recorded 2 projectiles from E to W		3 August, 04:21
		Recorded 1 explosion (impact)		3 August, 04:37
		Recorded 2 projectiles from NW to SE		3 August, 06:51
		Recorded 1 explosion (impact)		3 August, 11:11-11:13
		Recorded 6 explosions (impacts)		3 August, 11:53
		Recorded 1 explosion (impact)		3 August, 12:01
		Recorded 1 explosion (impact)		3 August, 12:44-12:46
	Recorded 4 explosions (impacts)	3 August, 14:24		
	Recorded 2 explosions (impacts)	3 August, 14:44-14:51		
Recorded 4 explosions (impacts)	3 August, 15:25			
Recorded 1 explosion (impact)	3 August, 15:58			
Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)	2-4km WNW	Heard 4 undetermined explosions	N/K	3 August, 11:17
	3-5km WNW	Heard 5 undetermined explosions		3 August, 11:29
	3-5km WSW	Heard 1 undetermined explosion		3 August, 12:23-12:27
		Heard 4 undetermined explosions	3 August, 13:10-13:21	
	5-6km NW	Heard 8 undetermined explosions	HMG	3 August, 14:21-14:55
	2-4km W	Heard 1 burst	N/K	3 August, 14:24
	1-2km SW	Heard 19 undetermined explosions	Small arms	3 August, 14:26-14:38
	1-2km W	Heard 2 bursts		3 August, 14:39
		Heard 35 bursts	HMG	3 August, 14:54
		Heard 4 shots	Small arms	3 August, 15:06-15:07
	Heard 9 bursts			
	Heard uncountable overlapping bursts			

<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.

		and shots		
Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Heard 3 undetermined explosions	N/K	3 August, 12:00-12:10
		Heard 18 undetermined explosions		3 August, 14:00-14:12
		Heard 2 undetermined explosions		3 August, 14:40
4km W of Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	2km N	Heard 2 undetermined explosions	N/K	3 August, 10:20
	1km N	Heard 6 bursts	Small arms	3 August, 11:07
	1km SSW	Heard at least 15 bursts		3 August, 14:44-14:54
SMM camera in Shyrokyne (20km E of Mariupol)	N/K N	Recorded 2 rocket-assisted projectiles from W to E	N/K	2 August, 20:37
		Recorded 1 rocket-assisted projectile from E to W		2 August, 20:38
		Recorded 11 rocket-assisted projectiles from E to W		2 August, 20:44
		Recorded 2 rocket-assisted projectiles from E to W		2 August, 20:47
		Recorded 4 rocket-assisted projectiles from W to E		2 August, 20:48
		Recorded 1 undetermined explosion		2 August, 20:51
		Recorded 2 rocket-assisted projectiles from W to E		2 August, 20:52
		Recorded 2 rocket-assisted projectiles from W to E		2 August, 20:57
		Recorded 4 rocket-assisted projectiles from E to W		2 August, 20:57
		Recorded 1 undetermined explosion		2 August, 21:03
		Recorded 4 rocket-assisted projectiles from E to W		2 August, 21:16
		Recorded 1 rocket-assisted projectile from E to W		2 August, 21:22
		Recorded 3 tracers from W to E		2 August, 21:23
		Recorded 2 tracers from E to W		2 August, 21:30
		Recorded 1 tracer from E to W		2 August, 21:37
		Recorded 10 tracers from W to E		2 August, 21:38
		Recorded 19 tracers from E to W		2 August, 21:41
		Recorded 2 tracers from E to W		2 August, 21:47
		Recorded 2 rocket-assisted projectiles from W to E		2 August, 21:55
		Recorded 1 tracer from W to E		2 August, 21:56
		Recorded 7 tracers from E to W		2 August, 22:01
		Recorded 1 tracer from E to W		2 August, 22:04
		Recorded 8 tracers from E to W		2 August, 22:06
		Recorded 1 rocket-assisted projectile from E to W		2 August, 22:09
		Recorded 1 rocket-assisted projectile from W to E		2 August, 22:11
		Recorded 3 tracers from E to W		2 August, 22:16
		Recorded 1 rocket-assisted projectile from E to W		2 August, 22:19
		Recorded 3 rocket-assisted projectiles from E to W		
		Recorded 51 rocket-assisted projectiles from S to N		
		Recorded 5 tracers from E to W		
Recorded 3 tracers from E to W				
Recorded 15 tracers from E to W				

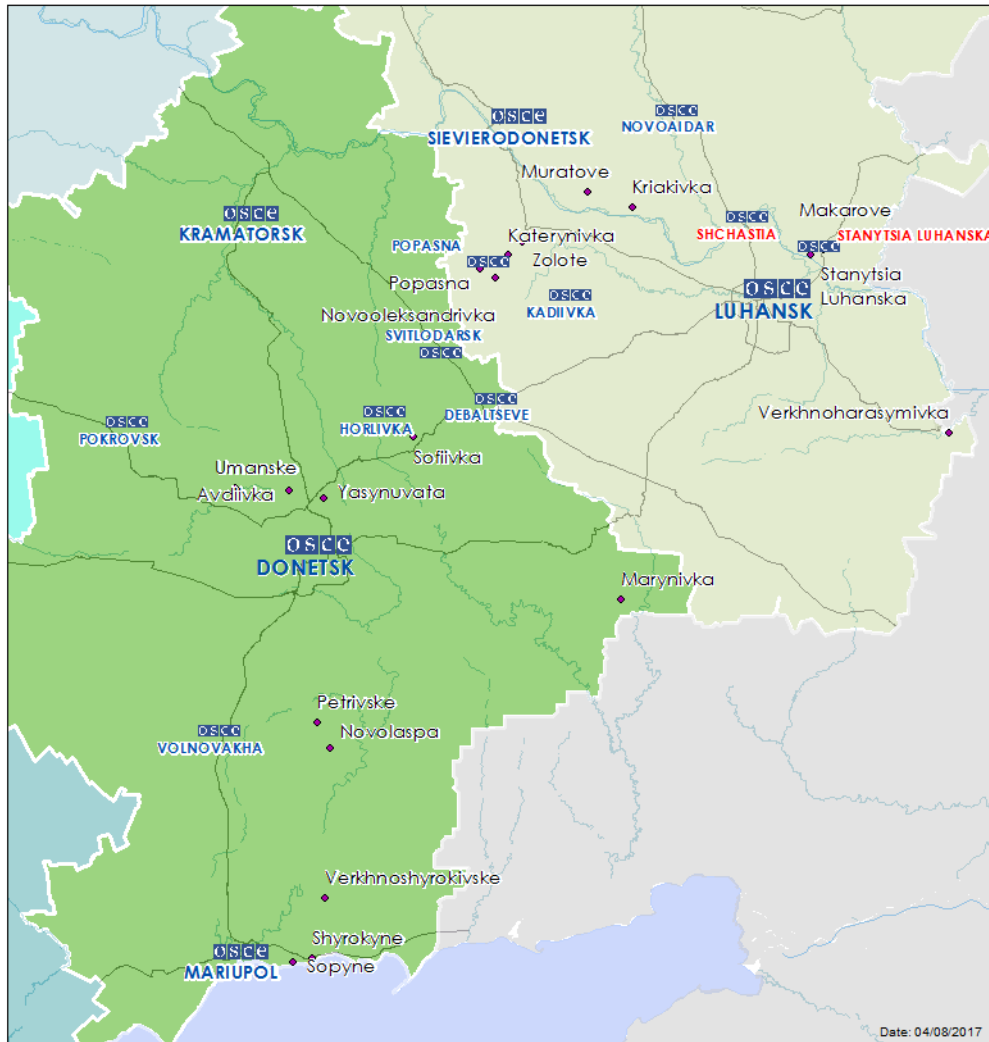
	Recorded 4 tracers from E to W	2 August, 22:27
	Recorded 1 tracer from W to E	2 August, 22:30
	Recorded 1 explosion (impact)	
	Recorded 2 rocket-assisted projectiles from W to E	2 August, 22:32
	Recorded 1 explosion (impact)	2 August, 22:56
	Recorded 1 explosion (impact)	2 August, 23:02
	Recorded 1 explosion (impact)	2 August, 23:12
	Recorded 3 tracers from E to W	2 August, 23:18
	Recorded 5 rocket-assisted projectiles from E to W	2 August, 23:19
	Recorded 1 explosion (impact)	2 August, 23:27
	Recorded 1 explosion (impact)	2 August, 23:30
	Recorded 7 tracers from E to W	2 August, 23:39
	Recorded 1 explosion (impact)	
	Recorded 11 tracers from W to E	2 August, 23:41
	Recorded 2 rocket-assisted projectiles from W to E	
	Recorded 4 undetermined explosions	2 August, 23:47
	Recorded 1 explosion (impact)	
	Recorded 24 tracers from E to W	
	Recorded 3 tracers from W to E	2 August, 23:53
	Recorded 1 undetermined explosion	
	Recorded 23 tracers from E to W	2 August, 23:58
	Recorded 1 tracer from W to E	
	Recorded 7 tracers from E to W	3 August, 00:05
	Recorded 1 undetermined explosion	3 August, 00:08
	Recorded 3 tracers from E to W	3 August, 00:12
	Recorded 24 tracers from E to W	
	Recorded 8 tracers from W to E	3 August, 00:19
	Recorded 26 tracers from E to W	
	Recorded 8 tracers from W to E	3 August, 00:21
	Recorded 1 undetermined explosion	
	Recorded 36 tracers from E to W	3 August, 00:25
	Recorded 18 tracers from W to E	
	Recorded 79 tracers from E to W	
	Recorded 17 tracers from W to E	3 August, 00:30
	Recorded 2 undetermined explosions	
	Recorded 16 tracers from E to W	
	Recorded 25 tracers from W to E	3 August, 00:34
	Recorded 4 undetermined explosions	
	Recorded 3 tracers from E to W	3 August, 00:38
	Recorded 3 tracers from E to W	
	Recorded 1 rocket-assisted projectile from E to W	3 August, 00:43
	Recorded 12 tracers from E to W	
	Recorded 15 tracers from W to E	3 August, 00:44
	Recorded 117 tracers from E to W	
	Recorded 19 tracers from W to E	3 August, 00:47
	Recorded 2 undetermined explosions	
	Recorded 4 tracers from E to W	3 August, 01:07
	Recorded 1 tracer from E to W	3 August, 02:10
	Recorded 6 tracers from E to W	3 August, 03:17
	Recorded 3 tracers from E to W	3 August, 03:28
	Recorded 2 tracers from E to W	3 August, 03:36

		Recorded 6 tracers from E to W		3 August, 04:02
		Recorded 1 tracer from W to E		
		Recorded 18 tracers from E to W		3 August, 04:04
		Recorded 26 tracers from W to E		
E edge of Sopyne (government-controlled, 16km E of Mariupol)	1-2km NE	Heard 1 undetermined explosion	N/K	3 August, 11:56
		Heard 1 undetermined explosion		3 August, 11:57
		Heard 4 undetermined explosions		3 August, 12:01
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km SE	Heard 7 shots	IFV (BMP-2) cannon (30mm)	2 August, 20:38
		Heard 12 shots		2 August, 20:44
		Heard 2 explosions (outgoing)	Mortar (82mm)	2 August, 20:45
		Heard 10 shots	IFV (BMP-2)	2 August, 20:46
		Heard 15 shots		2 August, 20:47
		Heard 24 shots	Small arms	2 August, 20:51
		Heard 10 shots		2 August, 20:52
		Heard 6 shots	IFV (BMP-2)	2 August, 20:52
		Heard 4 shots		2 August, 20:53
		Heard 6 shots	Small arms	2 August, 20:53
		Heard 12 shots		2 August, 20:56
		Heard 6 shots	IFV (BMP-2)	2 August, 20:57
		Heard 7 shots		2 August, 20:57
		Heard 7 shots	Mortar (82mm)	2 August, 20:58
		Heard 12 shots		2 August, 20:59
		Heard 2 explosions (outgoing)	IFV (BMP-2)	2 August, 21:00
		Heard 1 explosion (outgoing)		2 August, 21:01
		5-7km S	Heard 3 shots	HMG
	Heard 4 bursts			2 August, 21:01
	Heard 14 shots		Small arms	2 August, 21:02
	Heard 6 bursts			2 August, 21:05
	Heard 1 undetermined explosion		IFV (BMP-1) cannon (73mm)	2 August, 21:06
	Heard 8 shots		Mortar (82mm)	2 August, 21:07
	Heard 1 explosion (outgoing)		IFV (BMP-2)	2 August, 21:07
	5-7km SE	Heard 2 explosions (outgoing)	Mortar (82mm)	2 August, 21:08
			Heard 3 bursts	HMG
		Heard 3 bursts	Small arms	2 August, 21:10
		Heard 5 explosions (outgoing)	IFV (BMP-1)	2 August, 21:11
		Heard 1 burst	HMG	
		Heard 1 explosion (outgoing)	Mortar (82mm)	2 August, 21:12
		Heard 1 explosion (outgoing)		2 August, 21:13
		Heard 6 bursts	Small arms	2 August, 21:14
		Heard 4 bursts		2 August, 21:15
		Heard 4 shots	IFV (BMP-2)	2 August, 21:16
		Heard 4 shots		2 August, 21:17
		Heard 6 shots	HMG	2 August, 21:18
		Heard 3 bursts		2 August, 21:19
		Heard 3 shots	IFV (BMP-2)	2 August, 21:19
		Heard 2 explosions (outgoing)	Mortar (82mm)	2 August, 21:20
		Heard 2 shots	IFV (BMP-2)	2 August, 21:21
		Heard 4 bursts		2 August, 21:22
		Heard 2 shots	IFV (BMP-2)	2 August, 21:22
Heard 2 explosions (outgoing)		Mortar (82mm)	2 August, 21:23	
Heard 1 burst		HMG	2 August, 21:26	
Heard 1 explosions (outgoing)		Mortar (82mm)	2 August, 21:27	
Heard 3 bursts		HMG	2 August, 21:30	
Heard 3 shots		IFV (BMP-2)	2 August, 21:31	
Heard 1 burst		HMG		
Heard 1 explosion (outgoing)		Mortar (82mm)	2 August, 21:32	
Heard 1 explosion (outgoing)			2 August, 21:34	
Heard 1 explosion (outgoing)			2 August, 21:35	
Heard 1 burst		HMG	2 August, 21:36	
Heard 2 shots		IFV (BMP-2)	2 August, 21:39	

		Heard 2 bursts	HMG	2 August, 21:40
		Heard 2 shots	IFV (BMP-2)	2 August, 21:42
		Heard 1 explosion (outgoing)	Mortar (82mm)	2 August, 21:44
		Heard 1 explosion (outgoing)		2 August, 21:45
		Heard 1 explosion (outgoing)	IFV (BMP-1)	2 August, 21:48
		Heard 2 explosions (outgoing)	Mortar (82mm)	2 August, 21:49
		Heard 2 shots	IFV (BMP-2)	
		Heard 2 explosions (outgoing)	N/K	2 August, 21:51
		Heard 2 explosions (outgoing)		2 August, 21:54
		Heard 3 shots	IFV (BMP-2)	2 August, 21:55
		Heard 2 bursts	HMG	2 August, 21:57
		Heard 3 explosions (outgoing)	N/K	2 August, 21:59
		Heard 5 shots	Small arms	
		Heard 2 undetermined explosions	N/K	2 August, 22:00
		Heard 5 shots	IFV (BMP-2)	
		Heard 5 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	2 August, 22:04
		Heard 1 shot	IFV (BMP-2)	2 August, 22:06
		Heard 1 shot		2 August, 22:07
		Heard 1 shot		2 August, 22:09
		Heard 2 bursts	HMG	2 August, 22:10
		Heard 3 shots	IFV (BMP-2)	
		Heard 2 explosions (outgoing)	Artillery (122mm)	2 August, 22:11
		Heard 1 burst	HMG	2 August, 22:12
		Heard 11 explosions (outgoing)	Artillery (122mm)	2 August, 22:16
		Heard 14 explosions (outgoing)		2 August, 22:21
		Heard 11 bursts	Small arms	
		Heard 1 shot	IFV (BMP-2)	2 August, 22:22
		Heard 2 explosions (outgoing)	Mortar (82mm)	2 August, 22:24
		Heard 2 shots	IFV (BMP-2)	2 August, 22:25
		Heard 5 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	
		Heard 1 explosion (outgoing)	N/K	2 August, 22:26
		Heard 1 bursts	Small arms	2 August, 22:27
		Heard 2 shots	IFV (BMP-2)	2 August, 22:28
		Heard 2 explosions (outgoing)	Artillery (122mm)	2 August, 22:29
		Heard 4 bursts	Small arms	2 August, 22:31
		Heard 2 explosions (outgoing)	Mortar (82mm)	2 August, 22:35-22:37
		Heard 3 shots	IFV (BMP-2)	2 August, 22:38
		Heard 6 bursts	Small arms	2 August, 23:05
		Heard 1 shot	IFV (BMP-2)	2 August, 23:06
		Heard 3 explosions (outgoing)	IFV (BMP-1)	2 August, 23:12
		Heard 2 explosions (outgoing)	Artillery (122mm)	2 August, 23:14
		Heard 10 bursts	HMG	2 August, 23:14-23:20
		Heard 9 shots	IFV (BMP-2)	2 August, 23:22-23:26
		Heard 4 bursts	Small arms	2 August, 23:26
		Heard 11 shots	IFV (BMP-2)	2 August, 23:27-23:29
		Heard 6 explosions (outgoing)	IFV (BMP-1)	2 August, 23:29-23:34
		Heard 4 shots	IFV (BMP-2)	2 August, 23:34
Sofiivka (“DPR”-controlled, 40km NE of Donetsk)	4km W	Heard 1 undetermined explosion	N/K	3 August, 11:30
		Heard 6 undetermined explosions		3 August, 11:42-11:43
		Heard 8 undetermined explosions		3 August, 11:50
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	5-7km SSW	Recorded 4 undetermined explosions (assessed as outside the disengagement area)	N/K	1 August, 21:22
	2-3km SSW	Recorded 1 projectile from NW to SE (assessed as outside the disengagement area)		1 August, 21:53
	11-13km SSW	Recorded 1 undetermined explosion (assessed as outside the disengagement area)		1 August, 22:04

Popasna FPB (government-controlled, 69km W of Luhansk)	8-10km SE	Heard 3 explosions (outgoing)	Artillery (type N/K)	2 August, 19:55-20:00
	4km E	Heard at least 50 undetermined explosions	Artillery (type N/K)	2 August, 20:06-20:21
		Heard at least 50 undetermined explosions	Mortar (120mm)	
		Heard at least 50 bursts	HMG and Anti-aircraft cannon (ZU-23, 23mm)	
		Heard at least 50 undetermined explosions	Artillery (type N/K)	2 August, 20:27-20:40
		Heard at least 50 undetermined explosions	Mortar (120mm)	
		Heard at least 50 bursts	Anti-aircraft cannon (ZU-23), AGL	
		Heard at least 50 bursts	HMG	
		Heard 2 explosions (impacts)	Mortar (type N/K)	2 August, 20:51-20:56
		Heard 152 bursts	HMG, Small arms	
		Heard 3 explosions (impacts)	Mortar (120mm)	2 August, 21:10-21:11
		Heard 6 explosions (impacts)	Mortar (82mm)	2 August, 21:42-22:00
		Heard 6 explosions (outgoing)	Mortar (type N/K)	
		Heard at least 50 bursts	IFV (BMP-2), AGL	
	Heard at least 50 bursts	HMG		
2-3km SSE	Heard 3 explosions (outgoing)	Mortar (82mm)	3 August, 18:07-18:10	
	Heard 1 explosion (impacts)			
	Heard 20 bursts	Small arms		
4-5km E	Heard 2 explosions (impacts)	Mortar (82mm)	3 August, 18:33-18:55	
	Heard 50-60 bursts	HMG, Small arms		
Popasna (government-controlled, 69km W of Luhansk)	5km E	Heard approximately 15 bursts	Small arms, HMG, IFV (BMP-2)	03 August, 16:48 – 17:04
	500m SE	Heard 1 explosion (impact) and saw plume of smoke	Mortar (82mm)	03 August, 17:20
3km S of Muratove (government-controlled, 51km NW of Luhansk)	6-7km SSW	Heard 25 explosions (impacts) and saw consequent columns of smoke	N/K	3 August, 10:56-11:05
4km SW of Metalist ("LPR"-controlled, 7km NW of Luhansk)	1-2km E	Heard 100 bursts (assessed as live-fire exercise)	HMG, Small arms	3 August, 11:03-11:23
3km S of Muratove (government-controlled, 51km NW of Luhansk)	7-10km SSW	Heard 6 undetermined explosions	N/K	3 August, 11:05-11:10
2km W of Kriakivka (government-controlled, 38km NW of Luhansk)	500m E	Heard 3 shots	Small arms	3 August, 14:15
Orikhove (government-controlled, 57km NW of Luhansk)	15km SSW	Heard 1 undetermined explosion	N/K	3 August, 17:20

## Map of Donetsk and Luhansk regions<sup>2</sup>



<sup>2</sup> The SMM is deployed to ten locations throughout Ukraine, in 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.)