Table of ceasefire violations as of 3 August 2017¹

DPR"-controlled Donetsk city centre	SMM position	Location of	Observation	Type of	Date/time
Denetsk city centre	Sivilvi position		Observation		Date/time
Donetsk city centre	"DPR"-controlled	0,010	Heard 1 undetermined explosion	, ven pon, milinumuron	2 August, 21:24
SMM camera in Avdivka (government-controlled, 17km N of Donetsk) Recorded 1 explosion (impact) Recorded 1 projectile from N to S Recorded 1 projectile from N to S Recorded 1 fracers from S to N Recorded 2 projectiles from N to S Recorded 2 projectiles from N to S Recorded 2 projectiles from S to N Recorded 2 projectiles from S to N Recorded 2 projectiles from N to S Recorded 2 projectiles from S to N Recorded 1 explosion (impact) Recorded 2 projectiles from N to S Recorded 2 projectiles from S to N Recorded 2 projectiles from S to N Recorded 2 projectiles from S to N Recorded 1 explosion (impact) Recorded 2 projectiles from S to N Recorded 1 explosion (impact) Recorded 2 explosions (impact) Recorded 4 explosions (impact)	Donetsk city centre	8-10 km NW		N/K	
Avditivka (government-controlled, 17km N of Donetsk) Recorded 1 explosion (impact) Recorded 2 explosion (impact) Recorded 3 tracers from N to S Recorded 3 tracers from N to S Recorded 1 projectile from N to S Recorded 1 tracers from N to S Recorded 10 tracers from N to S Recorded 10 tracers from N to S Recorded 3 tracers from N to S Recorded 3 tracers from S to N Recorded 1 flight Recorded 2 projectiles from E to W Recorded 2 projectiles from W to SE Recorded 1 explosion (impact) Recorded 2 explosions (impacts) Recorded 2 explosions (impacts) Recorded 2 explosion (impact) Recorded 3 explosion (impact) Recorded 4 explosi					2 August, 23:56
Recorded Explosion (impact) 2 August, 20-03 2 August, 20-08 2 August, 20-08 2 August, 20-08 2 August, 20-20 2 August, 20-23 2 August, 20-27 2 August, 20-28 2 August, 20-29 2 August, 21-00 2 August, 21-0		3-4km ESE	Recorded 1 undetermined explosion		2 August, 19:01
Recorded Explosion (impact) Recorded Explosion (impact			Recorded 1 explosion (impact)		2 August, 19:50
Of Donetsk Recorded Explosion (impact) Recorded Interest from N to S Recorded Interest from S to N Recorded Interest from S to N Recorded Interest from S to N Recorded Explosion (impact) Recorded Explosion (impac			Recorded 1 explosion (impact)		2 August, 20:03
Recorded explosion (impact) 2 August, 20:20 2 August, 20:23 2 August, 20:23 2 August, 20:27 2 August, 20:28 2 August, 20:29 2 August, 20:59 2 August, 20:59 2 August, 20:59 2 August, 20:59 2 August, 21:00 3 August, 00:43 3 August, 00:4	-		Recorded 1 explosion (impact)		2 August, 20:08
Recorded explosion (impact) Recorded explosion (impact	of Donetsk)		Recorded 1 explosion (impact)		2 August, 20:20
Recorded 1 explosion (impact) 2 August, 20:27 2 August, 20:28			Recorded 1 explosion (impact)		2 August, 20:23
Recorded 1 explosion (impact) 2 August, 20:28 2 August, 20:59			Recorded 1 explosion (impact)	-	
Recorded at least 30 tracers from N to S Recorded 5 tracers from N to S Recorded 1 projectile from N to S Recorded 1 projectile from N to S Recorded 3 tracers from N to S Recorded 10 tracers from N to S Recorded 3 projectiles from N to S Recorded 10 tracers from S to N Recorded 11 explosion (impact) Recorded 2 projectiles from NW to SE Recorded 1 explosion (impact) Recorded 2 explosions (impact) Recorded 2 explosions (impact) Recorded 2 explosions (impact) Recorded 1 explosion (imp				-	.
S Recorded 5 tracers from N to S Recorded 3 tracers from N to S Recorded 1 projectile from N to S Recorded 10 tracers from N to S Recorded 15 tracers from N to S Recorded 15 tracers from S to N Recorded 15 tracers from S to N Recorded 11 tracers from S to N Recorded 11 tracers from S to N Recorded 11 tracers from S to N Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from Nw to SE Recorded 1 explosion (impact) Recorded 2 projectiles from Nw to SE Recorded 1 explosion (impact) Recorded 2 projectiles from Nw to SE Recorded 1 explosion (impact) Recorded 2 projectiles from Nw to SE Recorded 2 projectiles from St ow SE Recorded 2 projectiles from S				-	_
Recorded 1 projectile from N to S Recorded 3 tracers from N to S Recorded 10 tracers from N to S Recorded 15 tracers from S to N Recorded 13 tracers from S to N Recorded 13 tracers from S to N Recorded 13 tracers from S to N Recorded 1 illumination flare in vertical flight Recorded 2 projectiles from E to W Recorded 2 projectiles from NW to SE Recorded 1 explosion (impact) Recorded 2 explosions (impacts) Recorded 4 explosions (impacts) Recorded 4 explosions (impacts) Recorded 1 explosion (impact) Recorded 1 explosion (impact)					2 Mugust, 20.37
Recorded 1 projectile from N to S Recorded 10 tracers from N to S Recorded 3 projectiles from N to S Recorded 3 tracers from S to N Recorded 15 tracers from S to N Recorded 13 tracers from S to N Recorded 1 illumination flare in vertical flight Recorded 1 explosion (impact) Recorded 1 explosio			Recorded 5 tracers from N to S		2 August 21:00
Recorded 10 tracers from N to S Recorded 10 tracers from N to S Recorded 10 tracers from N to S Recorded 30 tracers from N to S Recorded 15 tracers from S to N Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from NW to SE Recorded 1 explosion (impact) Recorded 1 explosion			Recorded 1 projectile from N to S		2 August, 21.00
Recorded 10 tracers from N to S Recorded 3 projectiles from N to S Recorded 15 tracers from S to N Recorded 11 flumination flare in vertical flight Recorded 1 grojectiles from E to W Recorded 1 grojectiles from E to W Recorded 1 explosion (impact) Recorded 2 projectiles from NW to SE Recorded 1 explosion (impact) Recorded 6 explosions (impacts) Recorded 1 explosion (impact) Recorded 1 explosion (impact) Recorded 1 explosion (impact) Recorded 1 explosions (impacts) Recorded 1 explosions (impacts) Recorded 2 explosions (impacts) Recorded 2 explosions (impacts) Recorded 2 explosions (impacts) Recorded 2 explosions (impacts) Recorded 1 explosion (impact) Recorded 1 explosions (impacts) Recorded 1 explosions (impacts) Recorded 1 explosions (impacts) Recorded 1 explosion (impact) Recorded 1 explosion			Recorded 3 tracers from N to S		2 August, 21:03
Recorded 10 tracers from N to S Recorded 3 projectiles from N to S Recorded 15 tracers from S to N Recorded 15 tracers from S to N Recorded 15 tracers from S to N Recorded 11 tracers from S to N Recorded 12 fright Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 2 projectiles from NW to SE Recorded 2 projectiles from NW to SE Recorded 4 explosion (impact) Recorded 6 explosions (impacts) Recorded 1 explosion (impact) Recorded 1 explosion (impact) Recorded 1 explosion (impact) Recorded 4 explosions (impacts) Recorded 4 explosions (impacts) Recorded 4 explosions (impacts) Recorded 4 explosions (impacts) Recorded 1 explosion (impact) Recorded 1 exp			Recorded 10 tracers from N to S		2 August, 21:04
A-5km ESE			Recorded 10 tracers from N to S	-	
A-5km ESE			Recorded 3 projectiles from N to S	N/K	2 August, 21:06
A-5km ESE		4-5km ESE	1 5		2 August, 22:30
Recorded 13 tracers from S to N Recorded 1 illumination flare in vertical flight Recorded 2 projectiles from E to W Recorded 1 explosion (impact) Recorded 2 projectiles from NW to SE Recorded 2 explosions (impact) Recorded 6 explosion (impact) Recorded					
Recorded 1 illumination flare in vertical flight Recorded 2 projectiles from E to W Recorded 2 projectiles from E to W Recorded 1 explosion (impact) Recorded 2 projectiles from NW to SE Recorded 1 explosion (impact) Recorded 6 explosions (impacts) Recorded 6 explosions (impacts) Recorded 1 explosion (impact) Recorded 1 explosion (impact) Recorded 1 explosion (impact) Recorded 4 explosions (impacts) Recorded 1 explosion (impacts) Recorded 1 explosion (impact) Recorded					
Vertical flight Recorded 2 projectiles from E to W Recorded 1 explosion (impact) Recorded 2 projectiles from NW to SE Recorded 1 explosion (impact) Recorded 1 explosion (impact) Recorded 6 explosions (impact) Recorded 1 explosion (impact) Recorded 4 explosions (impacts) Recorded 1 explosion (impact) Recorded 1 explos					
Recorded 2 projectiles from E to W Recorded 1 explosion (impact) Recorded 1 explosion (impact) Recorded 1 explosion (impact) Recorded 6 explosions (impacts) Recorded 1 explosion (impact) Recorded 2 explosions (impacts) Recorded 4 explosions (impacts) Recorded 4 explosions (impacts) Recorded 4 explosions (impacts) Recorded 1 explosion (impact) Recorded 1 ex					3 August, 00:43
Recorded 1 explosion (impact) 3 August, 04:21 3 August, 04:37 3 August, 04:37 3 August, 06:51 3 August, 11:11-11:13 3 August, 11:11-11:13 3 August, 11:11-11:13 3 August, 11:15 3 August, 11:15 3 August, 11:50 3 August, 11:50 3 August, 11:50 3 August, 12:44-12:46 3 August, 13:558 3 August, 15:58 3 August, 11:17 3 August, 11:17 3 August, 11:29 3 August, 12:23-12:27 3 August, 14:24-14:55 3 August, 14:26-14:38 4 August, 14:26-14:38 3 August, 14:26-14:38 3 August, 14:26-14:38 3 August, 14:26-14:38 3 August, 14:39 4					3 August. 04:13
Recorded 2 projectiles from NW to SE			2 2		
SE					
Recorded 6 explosions (impacts) 3 August, 11:11-11:13 3 August, 11:11-11:13 3 August, 11:11-11:13 3 August, 11:10 3 August, 11:10 3 August, 11:10 3 August, 11:10 3 August, 12:01 3 August, 12:04 2 August, 12:01 3 August, 14:24 3 August, 15:25 3 August, 11:17 3 August, 11:17 3 August, 11:17 3 August, 11:17 3 August, 11:29 3 August, 11:29 3 August, 11:29 3 August, 11:29 3 August, 12:23-12:27 3 August, 12:23-12:27 3 August, 13:10-13:21 4 August, 13:10-13:21 4 August, 13:10-13:21 4 August, 13:10-13:21 4 August, 14:24 4 August, 14:26-14:38 4 August, 14:26-14:38 4 August, 14:26-14:38 4 August, 14:39 4 August, 14:39 4 August, 14:54 4 August, 14			SE		3 August, 04:37
Recorded 1 explosion (impact) 3 August, 11:53 3 August, 12:01			Recorded 1 explosion (impact)		3 August, 06:51
Recorded 1 explosion (impact) 3 August, 12:01 3 August, 12:44-12:46 3 August, 12:44-12:46 3 August, 14:24 3 August, 14:44-14:51 3 August, 15:25 3 August, 11:17 3 August, 11:29 3 August, 11:29 3 August, 15:25 3 August, 15:25			Recorded 6 explosions (impacts)		3 August, 11:11-11:13
Recorded 4 explosions (impacts) 3 August, 12:44-12:46 Recorded 2 explosions (impacts) 3 August, 14:24 Recorded 4 explosions (impacts) 3 August, 14:24 Recorded 1 explosion (impact) 3 August, 15:25 Recorded 1 explosion (impact) 3 August, 15:25 Recorded 1 explosion (impact) 3 August, 15:58 Yasynuvata ("DPR"-controlled, 16km NE of Donetsk) 3-5km WNW Heard 4 undetermined explosions of Donetsk) 3-5km WNW Heard 5 undetermined explosions Heard 1 undetermined explosions Heard 4 undetermined explosions Heard 4 undetermined explosions Heard 1 burst HMG 3 August, 11:29 3 August, 11:17 3 August, 11:17 3 August, 11:29 3 Augu			Recorded 1 explosion (impact)		3 August, 11:53
Recorded 2 explosions (impacts) Recorded 4 explosions (impacts) Recorded 4 explosion (impacts) Recorded 1 explosion (impact) Recorded 1 explosions Recorded 1 explosions August, 15:25 Recorded 1 explosions Recorded 1 explosions Recorded 1 explosions Reard 1 undetermined explosions Reard 1 undetermined explosions Reard 4 undetermined explosions Reard 1 burst HMG Reard 1 burst HMG Reard 1 burst Reard 2 bursts Reard 2 bursts Reard 3 bursts Reard 4 shots Reard			Recorded 1 explosion (impact)		3 August, 12:01
Recorded 4 explosions (impacts) 3 August, 14:44-14:51 3 August, 15:25 3 August, 15:25 3 August, 15:58			Recorded 4 explosions (impacts)		3 August, 12:44-12:46
Recorded 1 explosion (impact) 3 August, 15:25 3 August, 15:25 3 August, 15:58			Recorded 2 explosions (impacts)		3 August, 14:24
Recorded 1 explosion (impact) 3 August, 15:58					3 August, 14:44-14:51
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk) 2-4km WNW Heard 4 undetermined explosions 3 August, 11:17 3 August, 11:17 3 August, 11:29 3 August, 11:29 3 August, 11:29 4 Heard 4 undetermined explosions 3 August, 12:23-12:27 5-6km NW 4 Heard 8 undetermined explosions 3 August, 13:10-13:21 4 Heard 1 burst 4 Heard 19 undetermined explosions 3 August, 14:21-14:55 5-6km W 4 Heard 2 bursts 3 August, 14:21-14:55 1-2km SW 4 Heard 2 bursts 3 August, 14:26-14:38 4 Heard 35 bursts 5 Small arms 3 August, 14:26-14:38 3 August, 14:39 3 August, 14:39					
3-5km WNW					
of Donetsk) 3-5km WSW					3 August, 11:17
3-5km WSW Heard 1 undetermined explosion N/K 3 August, 12:23-12:27		3-5km WNW		N/K	3 August, 11:29
Heard 8 undetermined explosions 3 August, 13:10-13:21	of Donetsk)	3-5km WSW			
Heard 1 burst					3 August, 12:23-12:27
2-4km W Heard 19 undetermined explosions N/K 3 August, 14:21-14:55 1-2km SW Heard 2 bursts 3 August, 14:24 Heard 35 bursts Small arms 3 August, 14:26-14:38 Heard 4 shots 3 August, 14:39 Heard 9 bursts HMG 3 August, 14:54		5-6km NW		HMG	3 August, 13:10-13:21
1-2km SW		2-4km W			3 August 14:21-14:55
Heard 35 bursts Small arms 3 August, 14:26-14:38 Heard 4 shots 3 August, 14:39 Heard 9 bursts HMG 3 August, 14:54				- 1/ 12	
1-2km W Heard 4 shots 3 August, 14:39 Heard 9 bursts HMG 3 August, 14:54				Small arms	3 August, 14:26-14:38
Heard 9 bursts HMG 3 August, 14:54		1.01 177			
		1-2km W		HMG	
Treate uncountable overlapping ourses Small arms 5 August, 13.00-13.07			Heard uncountable overlapping bursts	Small arms	3 August, 15:06-15:07

-

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.

		and shots		
Avdiivka		Heard 3 undetermined explosions		3 August, 12:00-12:10
(government-	2-4km SE	Heard 18 undetermined explosions	N/K	3 August, 14:00-14:12
controlled, 17km N	2-4KIII SE	Heard 2 undetermined explosions	IV/K	3 August, 14:40
of Donetsk)	21 27	•	31/17	
4km W of Yasynuvata ("DPR"-	2km N	Heard 2 undetermined explosions	N/K	3 August, 10:20
controlled, 16km NE	1km N	Heard 6 bursts	Small arms	3 August, 11:07
of Donetsk)	1km SSW	Heard at least 15 bursts	Siliali alliis	3 August, 14:44-14:54
SMM camera in	TKIII DD VV	Recorded 2 rocket-assisted projectiles		
Shyrokyne (20km E		from W to E		2 August, 20:37
of Mariupol)		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	-	21148454, 20.10
		Recorded 2 rocket-assisted projectiles	-	
		from W to E		2 August, 20:51
		Recorded 2 rocket-assisted projectiles	_	
		from W to E		2 August, 20:52
		Recorded 4 rocket-assisted projectiles	-	2 August, 20:52 2 August, 20:57 2 August, 21:03 2 August, 21:16
		from E to W		2 August 20:57
		Recorded 1 undetermined explosion	-	2 / lugust, 20.3 /
		Recorded 4 rocket-assisted projectiles	-	
		from E to W		-
		Recorded 1 rocket-assisted projectile	-	
		from E to W		
		Recorded 3 tracers from W to E	-	
	N/K N	Recorded 2 tracers from E to W	N/K	2 August, 21:22
		Recorded 2 tracers from E to W		2 August, 21:23
		Recorded 10 tracers from W to E		2 August, 21.23
		Recorded 19 tracers from E to W		2 August, 21:30
				2.4
		Recorded 2 tracers from E to W		2 August, 21:37
		Recorded 2 rocket-assisted projectiles		2.4
		from W to E		2 August, 21:38
		Recorded 1 tracer from W to E		2.4
		Recorded 7 tracers from E to W		2 August, 21:41
		Recorded 1 tracer from E to W		2 August, 21:47
		Recorded 8 tracers from E to W	<u> </u>	2 August, 21:55
		Recorded 1 rocket-assisted projectile		2 August, 21:56
		from E to W		
		Recorded 1 rocket-assisted projectile		2 August, 22:01
		from W to E		
		Recorded 3 tracers from E to W		2 August, 22:04
		Recorded 1 rocket-assisted projectile		2 August, 22:06
		from E to W		<i>y</i> ,
		Recorded 3 rocket-assisted projectiles		2 August, 22:09
		from E to W	_	<i>y</i> ,
		Recorded 51 rocket-assisted		
		projectiles from S to N		2 August, 22:11
		Recorded 5 tracers from E to W		
		Recorded 3 tracers from E to W		2 August, 22:16
		Recorded 15 tracers from E to W		2 August, 22:19

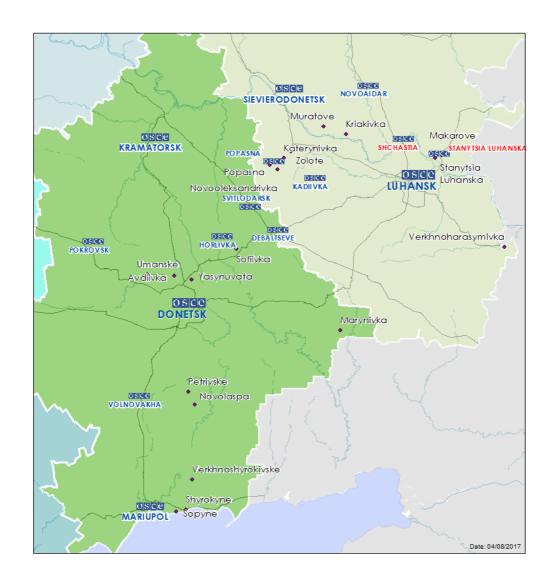
	Recorded 4 tracers from E to W		2 August, 22:27
<u> </u>	Recorded 1 tracer from W to E		2 August, 22:27 2 August, 22:30
	Recorded 1 explosion (impact)		2 August, 22.30
<u> </u>	Recorded 2 rocket-assisted projectiles		2 August, 22:32
	from W to E		2 August, 22.32
	Recorded 1 explosion (impact)		2 August, 22:56
	Recorded 1 explosion (impact)		2 August, 22:30 2 August, 23:02
	Recorded 1 explosion (impact)		2 August, 23:02 2 August, 23:12
	Recorded 3 tracers from E to W		2 August, 23:12 2 August, 23:18
	Recorded 5 rocket-assisted projectiles		2 August, 25.16
	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)		2 Mugust, 25.57
	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
<u> </u>	Recorded 1 undetermined explosion		2 August, 23.33
	Recorded 23 tracers from E to W		
-			2 August, 23:58
	Recorded 1 tracer from W to E		2 4
	Recorded 7 tracers from E to W		3 August, 00:05
<u> </u>	Recorded 1 undetermined explosion		3 August, 00:08
	Recorded 3 tracers from E to W Recorded 24 tracers from E to W		3 August, 00:12
			3 August, 00:19
	Recorded 8 tracers from W to E		
	Recorded 26 tracers from E to W		2.4 00.21
<u> </u>	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
<u> </u>	Recorded 18 tracers from W to E		
	Recorded 79 tracers from E to W		2.4
	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		2.4
	Recorded 1 rocket-assisted projectile		3 August, 00:43
	from E to W		
	Recorded 12 tracers from E to W		3 August, 00:44
	Recorded 15 tracers from W to E		
	Recorded 117 tracers from E to W		2 4 00 47
	Recorded 19 tracers from W to E		3 August, 00:47
	Recorded 2 undetermined explosions		2
	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

		December 1.1.6.4 man Company		
		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		Heard 1 undetermined explosion		3 August, 11:56
(government-	1-2km NE	Heard 1 undetermined explosion	N/K	3 August, 11:57
controlled, 16km E of Mariupol)		Heard 4 undetermined explosions		3 August, 12:01
Svitlodarsk		Heard 7 shots	IFV (BMP-2) cannon	2 August, 20:38
		Heard 12 shots	(30mm)	2 August, 20:44
(government- controlled, 57km NE		Heard 2 explosions (outgoing)	Mortar (82mm)	2 August, 20:45
· ·		Heard 10 shots	, ,	2 August, 20:46
of Donetsk)		Heard 15 shots	IFV (BMP-2)	2 August, 20:47
		Heard 24 shots		2 August, 20:51
		Heard 10 shots	Small arms	2 August, 20.31
	5-7km SE	Heard 6 shots		2 August, 20:52
	3 / Kill BL	Heard 4 shots	IFV (BMP-2)	2 Hugust, 20.32
		Heard 6 shots	Small arms	1
		Heard 12 shots		2 August, 20:53
		Heard 6 shots	IEW (DMD 2)	2.4 20.56
		Heard 7 shots	IFV (BMP-2)	2 August, 20:56 2 August, 20:57
		Heard 7 shots Heard 12 shots		2 August, 20:57
		Heard 2 explosions (outgoing)		2 August, 20:58
		Heard 1 explosion (outgoing)	Mortar (82mm)	2 August, 20:59
		Heard 3 shots	IFV (BMP-2)	2 August, 21:00
		Heard 4 bursts	HMG	
		Heard 14 shots	IFV (BMP-2)	2 August, 21:01
	5-7km S	Heard 6 bursts	Small arms	
		Heard 1 undetermined explosion	IFV (BMP-1) cannon (73mm)	2 August, 21:02
		Heard 8 shots	HMG	2 August, 21:05
		Heard 1 explosion (outgoing)	Mortar (82mm)	2 August, 21:06
		Heard 6 shots	IFV (BMP-2)	2 August, 21:07
		Heard 2 explosions (outgoing)	Mortar (82mm)	2 August, 21:08
		Heard 3 bursts	HMG	<u> </u>
		Heard 3 bursts	Small arms	2 August, 21:10
		Heard 5 explosions (outgoing) Heard 1 burst	IFV (BMP-1) HMG	2 August, 21:11
		Heard 1 explosion (outgoing)		2 August, 21:12
		Heard 1 explosion (outgoing)	Mortar (82mm)	2 August, 21:12 2 August, 21:13
		Heard 6 bursts		2 August, 21:14
		Heard 4 bursts	Small arms	2 August, 21:15
		Heard 4 shots	IFV (BMP-2)	
		Heard 4 shots		2 August, 21:16
		Heard 6 shots		2 August, 21:17
		Heard 3 bursts	HMG	2 August, 21:18
	5-7km SE	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	HMG	2 August 21:22
		Heard 2 shots Heard 2 explosions (outgoing)	IFV (BMP-2) Mortar (82mm)	2 August, 21:22 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)	
		Heard 1 burst	HMG	2 August, 21:31
		Heard 1 explosion (outgoing)		2 August, 21:32
		Heard 1 explosion (outgoing)	Mortar (82mm)	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

		TI 101	IDAG	104 40140
		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) Heard 2 shots	Mortar (82mm) IFV (BMP-2)	2 August, 21:49
		Heard 2 explosions (outgoing)	, , ,	2 August, 21:51
		Heard 2 explosions (outgoing)	N/K	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	
		Heard 5 shots	Small arms	2 August, 21:59
		Heard 2 undetermined explosions	N/K	
		Heard 5 shots	IFV (BMP-2)	2 August, 22:00
			Recoilless gun	2 August, 22:04
		Heard 5 explosions (outgoing)	(SPG-9, 73mm)	
		Heard 1 shot		2 August, 22:06
		Heard 1 shot	IFV (BMP-2)	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)	-la
		Heard 5 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	2 August, 22:25
		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"-		Heard 1 undetermined explosion		3 August, 11:30
controlled, 40km NE of Donetsk)	41-m W	Heard 6 undetermined explosions	N/V	3 August, 11:42-11:43
or Donetsk)	4km W		N/K	5 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 .
		Heard 8 undetermined explosions		3 August, 11:50
SMM camera in		Recorded 4 undetermined explosions		
	5-7km SSW	(assessed as outside the		1 August, 21:22
Zolote (government-		disengagement area)		,
controlled, 60km		Recorded 1 projectile from NW to SE	1	
NW of Luhansk)	2-3km SSW	(assessed as outside the	N/K	1 August, 21:53
		disengagement area)		-
	11-13km	Recorded 1 undetermined explosion		
	SSW	(assessed as outside the		1 August, 22:04
	55 11	disengagement area)		

Popasna FPB	8-10km SE	Heard 3 explosions (outgoing)	Artillery (type N/K)	2 August, 19:55-20:00
(government-		Heard at least 50 undetermined	Artillery (type N/K)	2 August, 20:06-20:21
controlled, 69km W		explosions Heard at least 50 undetermined		
of Luhansk)		explosions	Mortar (120mm)	
		Heard at least 50 bursts	HMG and Anti- aircraft cannon (ZU- 23, 23mm)	2714gast, 20.00 20.21
		Heard at least 50 undetermined explosions	Artillery (type N/K)	
	4km E	Heard at least 50 undetermined explosions	Mortar (120mm)	2 August, 20:27-20:40
		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)	
		Heard 6 explosions (outgoing)	Mortar (type N/K)	2 August, 21:42-22:00
		Heard at least 50 bursts	IFV (BMP-2), AGL	
		Heard at least 50 bursts	HMG	
	2-3km SSE	Heard 3 explosions (outgoing) Heard 1 explosion (impacts)	Mortar (82mm)	3 August, 18:07-18:10
		Heard 20 bursts	Small arms	
		Heard 2 explosions (impacts)	Mortar (82mm)	
	4-5km E	Heard 50-60 bursts	HMG, Small arms	3 August, 18:33-18:55
Popasna (government-	5km E	Heard approximately 15 bursts	Small arms, HMG, IFV (BMP-2)	03 August, 16:48 – 17:04
controlled, 69km W of Luhansk)	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 regions²



² 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.)

_