

Table of ceasefire violations as of 28 March 2017¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	2.8km ESE	Recorded 1 burst (about 12 shots) (assessed as outside disengagement area)	Small arms	26 March, 21:41
	4.5km SSE	Recorded 1 undetermined explosion (assessed as outside disengagement area)	N/K	27 March, 00:54
	4km SW	Recorded 1 undetermined explosion (assessed as outside disengagement area)		27 March, 01:57
Horlivka ("DPR"-controlled, 39km NE of Donetsk)	4-5km SSW	Heard 10 shots	AGL	27 March, 18:30
	4-5km SSW	Heard 28 shots		27 March, 18:41
	4-5km SSW	Heard 3 shots		27 March, 18:54
	4-5km SSW	Heard 7 shots		27 March, 19:37
	4-5km SSW	Heard 2 bursts	HMG	27 March, 19:41
	4-5km SSW	Heard 3 shots	AGL	27 March, 19:56
	4-5km SSW	Heard 6 bursts (4 shots each)	HMG	27 March, 19:58
	4-5km SSW	Heard 2 bursts (5 shots each)	Small arms	27 March, 19:59
	3-4km W	Heard 3 bursts (5-6 shots each)	HMG	27 March, 20:07
	5-6km NW	Heard 16 shots	Small arms	
	4-5km W	Heard 2 bursts (2-3 shots each)		
	3-4km W	Heard 5 bursts (4-5 shots each)	HMG	27 March, 20:09
		Heard 1 burst	Small arms	
	6-7km WSW	Heard and saw 1 explosion (impact)	N/K	27 March, 20:27
	5-6km WSW	Heard 5 bursts	Small arms	27 March, 20:32
	3-4km W	Heard 2 bursts		27 March, 20:38
	3-4km WNW	Heard 12 bursts	IFV (BMP-2) cannon (30mm)	27 March, 20:39
			HMG	27 March, 20:40
	4-5km WNW	Heard 7 bursts (2-4 shots each)	Small arms	27 March, 20:41
	4-5km SW	Heard at least 20 shots		27 March, 20:44
	3-4km WNW	Heard overlapping uncountable bursts and shots	HMG and small arms	27 March, 20:44-20:47
	3-4km W	Heard 9 bursts (5-7 shots each)	Small arms	27 March, 20:47
	3-4km WNW	Heard 7 bursts (3-5 shots each)		
	4-5km WNW	Heard overlapping uncountable bursts and shots and saw uncountable tracers	HMG and small arms	27 March, 20:47-20:48
			AGL	27 March, 20:48
	5-6km WNW	Heard 2 undetermined explosions	N/K	27 March, 20:49
	5-6km SW	Heard 6 shots	Small arms	27 March, 20:55
	7-9km SSW	Heard 2 undetermined explosions	N/K	27 March, 20:58
	3-4km WNW	Saw 1 illumination flare from N to S		27 March, 21:00
	5-6km NNW	Heard 2 undetermined explosions		
	3-5km WNW	Heard overlapping uncountable bursts and shots	HMG and small arms	27 March, 21:02-21:04
	4-5km WNW	Saw 1 illumination flare in vertical flight	N/K	27 March, 21:03
				Saw 1 illumination flare from N to S
Heard 2 undetermined explosions				27 March, 21:06
3-4km WNW	Heard 8 bursts	HMG	27 March, 21:07	

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.

	3-4km W	Saw 1 illumination flare from W to E	N/K	
	4-5km W	Heard 2 bursts	HMG	27 March, 21:08
	5-7km WNW	Heard 2 undetermined explosions	N/K	
	4-5km W	Heard 5 explosions (outgoing)	IFV (BMP-1) cannon (73mm)	27 March, 21:10
		Heard 4 explosions (outgoing)		27 March, 21:10-21:11
	3-5km W	Heard overlapping uncountable bursts and shots	HMG and small arms	
	4-5km WNW	Heard 12 explosions (impacts)	N/K	27 March, 21:12
	3-5km W	Heard 45 bursts	HMG	
	4-5km WNW	Heard 12 explosions (outgoing)	IFV (BMP-1)	27 March, 21:13
		Heard 6 bursts	Small arms	
		Heard 5 undetermined explosions	N/K	
	3-5km WNW	Heard overlapping uncountable bursts and shots	Small arms, HMG	27 March, 21:13-21:16
	6-8km SW	Heard 5 undetermined explosions	N/K	27 March, 21:17
	5-7km SW	Heard 3 bursts	IFV (BMP-2) cannon	
	5-6km WNW	Saw 1 illumination flare from N to S	N/K	27 March, 21:18
	4-5km W	Heard 3 explosions (outgoing)	IFV (BMP-1) cannon	
		Heard 3 undetermined explosions	N/K	
	4-5km WNW	Heard 2 bursts	HMG	27 March, 21:19
	3-5km WNW	Heard overlapping uncountable bursts and shots	HMG and small arms	27 March, 21:20-21:22
	4-5km W	Heard 1 undetermined explosion	N/K	27 March, 21:24
	5-6km WNW	Heard and saw 1 airburst		
	4-5km WNW	Heard 3 undetermined explosions		27 March, 21:25
	3-4km WNW	Heard 2 bursts	IFV (BMP-2) cannon	27 March, 21:26
	4-5km WNW	Heard 2 undetermined explosions	N/K	
	6-8km SW	Heard 2 undetermined explosions		27 March, 21:27
	4-5km WNW	Heard at least 76 shots	AGL	27 March, 21:28-21:30
	4-5km W	Heard 1 undetermined explosion	N/K	27 March, 21:32
	4-5km WNW	Heard 10 shots	AGL	
	3-5km WNW	Heard overlapping uncountable bursts and shots	HMG and small arms	27 March, 21:33-21:34
	3-4km WNW	Heard 10 shots	AGL	27 March, 21:34
	5-7km WNW	Heard 1 undetermined explosion	N/K	27 March, 21:35
	4-6km WNW	Heard overlapping uncountable bursts and shots	HMG, small arms and IFV (BMP-2) cannon	
	5-6km WNW	Heard 15 undetermined explosions	N/K	27 March, 21:36-21:38
	3-5km WNW	Heard overlapping uncountable bursts and shots	HMG, small arms and IFV (BMP-2) cannon	27 March, 21:40-21:45
	4-6km WNW	Heard 7 undetermined explosions	N/K	27 March, 21:41
		Heard 7 shots	Small arms	
	4-5km WNW	Saw and heard 1 airburst	N/K	27 March, 21:45
	3-4km WNW	Heard 5 bursts	HMG	27 March, 21:47
		Heard 5 bursts	IFV (BMP-2) cannon	
	3-5km WNW	Heard 2 undetermined explosions	N/K	27 March, 21:48
	3-4km WNW	Heard overlapping uncountable bursts and shots	Small arms	27 March, 21:48-21:49
		Heard 5 explosions (outgoing)	IFV (BMP-1) cannon	27 March, 21:49
	3-5km WNW	Heard 2 undetermined explosions	N/K	27 March, 21:50
		Heard overlapping uncountable bursts and shots	HMG and small arms	27 March, 21:50-21:54
	4-5km WNW	Saw 1 illumination flare from N to S	N/K	27 March, 21:52
	3-5km WNW	Heard 2 undetermined explosions		
		Heard 2 undetermined explosions		27 March, 21:53
		Heard 5 explosions (impacts)	AGL	27 March, 21:54
	3-5km WNW	Heard 12 explosions (impacts)		
		Heard overlapping uncountable bursts and shots	HMG and small arms	27 March, 21:55-21:57
	3-5km WNW	Heard 1 undetermined explosion	N/K	27 March, 21:56
		Heard 2 explosions (outgoing)		
		Heard 10 shots	IFV (BMP-2) cannon	

		Heard 2 explosions (impacts)	AGL	27 March, 21:58
		Heard overlapping uncountable bursts and shots	HMG and small arms	27 March, 21:58-22:06
	5-6km WNW	Saw 1 illumination flare in vertical flight	N/K	27 March, 21:59
		Saw 2 illumination flares in vertical flight		27 March, 22:02
		Heard 12 undetermined explosions		
	4-6km WNW	Heard 2 explosions (impacts)	AGL	
		Saw & heard 1 undetermined explosion	N/K	27 March, 22:05
		Heard 6 undetermined explosions		27 March, 22:07
	5-7km WNW	Saw & heard 1 undetermined explosion		
	4-6km WNW	Heard 1 undetermined explosion		
		Heard overlapping uncountable bursts and shots	HMG and small arms	27 March, 22:07-22:09
	5-6km WNW	Saw 3 illumination flares in vertical flight	N/K	27 March, 22:07
	3-5km WNW	Heard overlapping uncountable bursts and shots	HMG, small arms and IFV (BMP-2) cannon	27 March, 22:10
	4-6km WNW	Heard 2 undetermined explosions	N/K	
		Saw 1 illumination flare in vertical flight		
		Heard 3 undetermined explosions		
	4-6km WNW	Heard overlapping uncountable bursts and shots	HMG and small arms	27 March, 22:12-22:14
		Heard 20 undetermined explosions	N/K	
		Saw 1 illumination flare in vertical flight		
	3-5km WNW	Heard 15 bursts	Anti-aircraft automatic cannon (ZU-2, 23mm)	27 March, 22:15
		Heard overlapping uncountable bursts and shots	HMG, small arms and IFV (BMP-2) cannon	27 March, 22:15-22:16
	4-5km NW	Heard 1 undetermined explosion		
	4-6km WNW	Heard 2 undetermined explosions	N/K	27 March, 22:16
	4-5km NW	Heard 1 undetermined explosion		27 March, 22:17
	4-5km WNW	Heard 6 undetermined explosions		
	3-5km WNW	Heard overlapping uncountable bursts and shots	HMG, small arms and IFV (BMP-2) cannon	27 March, 22:17-22:23
	4-5km NW	Heard 2 undetermined explosions		27 March, 22:18
	4-5km WNW	Heard 4 undetermined explosions	N/K	27 March, 22:19
	4-5km NW	Heard 1 undetermined explosion		27 March, 22:22
	3-5km WNW	Heard 4 undetermined explosions		
		Heard 1 undetermined explosion		
		Heard 5 explosions (impacts)	AGL	27 March, 22:23
		Heard 1 explosion (outgoing)	IFV (BMP-1) cannon	
	4-6km W	Heard 2 undetermined explosions	N/K	27 March, 22:24
	4-5km WNW	Heard overlapping uncountable bursts and shots	HMG, small arms and IFV (BMP-2) cannon	27 March, 22:24-22:30
	4-6km W	Heard 1 undetermined explosion		27 March, 22:25
	4-6km WNW	Heard 2 undetermined explosions	N/K	27 March, 22:27
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km NW	Heard 2 shots	HMG	27 March, 18:45
	5-7km NW	Heard 8 undetermined explosions	N/K	27 March, 19:03-19:24
	6-10km SE	Heard 20 undetermined explosions		27 March, 19:06-19:27
	7-10km ESE	Heard 7 undetermined explosions		27 March, 19:22-19:24
	7km SW	Heard 6 shots	IFV (BMP-2) cannon	27 March, 19:26
	7-10km NW	Heard 10 undetermined explosions	N/K	27 March, 20:12-20:30

	7-10km NW	Heard 52 explosions (outgoing)		28 March, 05:30-05:38		
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km ESE	Recorded 1 undetermined explosion	N/K	27 March, 18:50		
		Recorded 4 projectiles from N to S		27 March, 19:11		
		Recorded 2 undetermined explosions		27 March, 19:12		
		Recorded 4 projectiles from S to N		27 March, 19:13		
		Recorded 2 projectiles from N to S		27 March, 19:14		
		Recorded 3 projectiles from S to N		27 March, 19:15		
		Recorded 2 projectiles from S to N		27 March, 19:17		
		Recorded 1 projectile from N to S		27 March, 19:19		
		Recorded 2 projectiles from S to N		27 March, 19:20		
		Recorded 1 projectile from N to S		27 March, 19:21		
		Recorded 1 projectile from N to S				
		Recorded 1 projectile from N to S				
		4-6km ESE		Recorded 1 illumination flare	N/K	27 March, 20:34
				Recorded 1 projectile from SW to NE		27 March, 22:02
	Recorded 3 tracers from SW to NE		27 March, 22:02			
	Recorded 1 projectile from NE to SW		27 March, 22:02			
	Recorded 1 projectile from SW to NE		27 March, 22:06			
	Recorded 1 projectile from SW to NE		27 March, 22:08			
	Recorded 1 projectile from SW to NE		27 March, 22:29			
	Recorded 1 airburst		27 March, 22:30			
	Recorded 1 projectile from SW to NE		27 March, 22:31			
	Recorded 1 projectile from SW to NE		27 March, 22:43			
	Recorded 3 undetermined explosions		27 March, 22:48			
	Recorded 1 projectile from SW to NE		27 March, 22:56			
	Recorded 1 undetermined explosion		27 March, 23:31			
	Recorded 1 undetermined explosion		28 March, 02:44			
	3-5km ESE	Recorded 1 undetermined explosion	N/K	28 March, 17:47		
		Recorded 1 undetermined explosion		28 March, 18:11		
		Recorded 1 undetermined explosion		28 March, 18:14		
		Recorded 1 undetermined explosion		28 March, 18:16		
		Recorded 1 undetermined explosion		28 March, 18:18		
		Recorded 1 undetermined explosion		28 March, 18:19		
		Recorded 1 undetermined explosion		28 March, 18:20		
		Recorded 1 undetermined explosion		28 March, 18:22		
		Recorded 1 undetermined explosion		28 March, 18:24		
		Recorded 1 undetermined explosion		28 March, 18:25		
		Recorded 2 undetermined explosions		28 March, 18:29		
		5-9km N		Heard 13 undetermined explosions	N/K	27 March, 19:45-19:55
		3-7km NNW		Heard 9 undetermined explosions		27 March, 19:56-20:05
				Heard 1 undetermined explosions		27 March, 20:17
	Heard 2 undetermined explosions		27 March, 21:13			
	Heard 4 undetermined explosions		27 March, 20:25-20:37			
5-8 km NNW	Heard 2 undetermined explosions	27 March, 20:59				

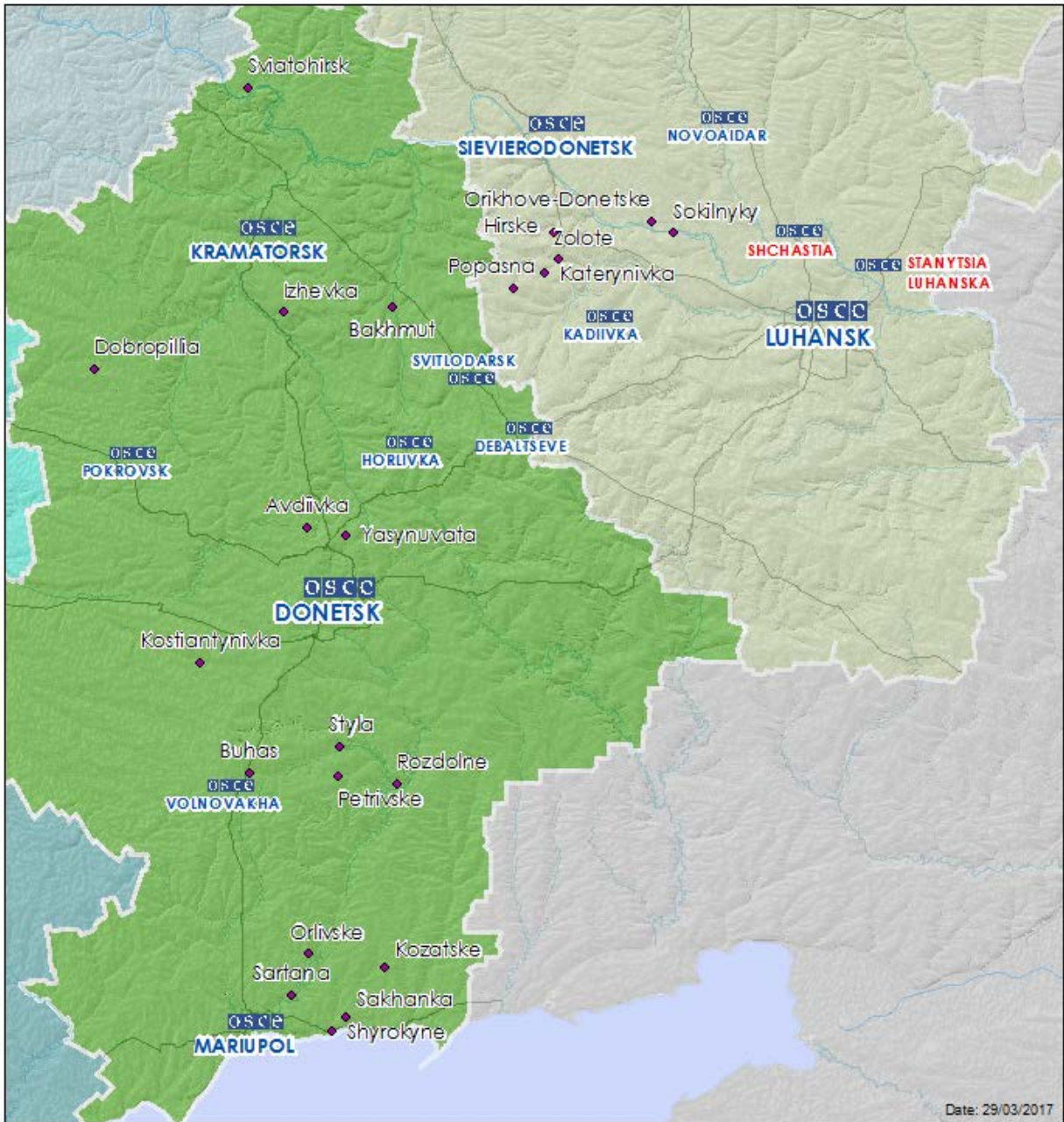
	4-6km NNW	Heard 25 shots	HMG	27 March, 21:29
	8-15km N	Heard 5 undetermined explosions	N/K	28 March, 02:20-02:41
	3-5km NNW	Heard 3 undetermined explosions		28 March, 06:47-06:58
		Heard 4 undetermined explosions		28 March, 07:05-07:12
SMM camera at Oktiabr mine (9km NW of Donetsk city centre)	6-10km NE	Recorded 2 projectiles from NW to SE	N/K	27 March, 20:19
		Recorded 2 projectiles from SE to NW		28 March, 01:25
		Recorded 1 projectile from NW to SE		28 March, 01:28
		Recorded 1 undetermined explosion		28 March, 02:33
		Recorded 1 airburst		28 March, 05:33
SMM camera at Shyrokyne (20km E of Mariupol)	N/K N	Recorded 38 undetermined explosions	N/K	27 March, 20:26
		Recorded 5 tracers from E to W		27 March, 20:45
		Recorded 1 undetermined explosion		27 March, 20:59
		Recorded 1 undetermined explosion		27 March, 21:00
		Recorded 5 tracers from E to W		27 March, 21:24
		Recorded 37 tracers from W to E		27 March, 22:17
		Recorded 6 tracers from W to E		27 March, 21:27
		Recorded 12 tracers from W to E		27 March, 22:29
		Recorded 27 tracers from E to W		27 March, 22:30
		Recorded 23 tracers from W to E		27 March, 22:32
		Recorded 15 tracers from E to W		27 March, 22:52
		Recorded 17 tracers from W to E		27 March, 23:17
		Recorded 25 tracers from E to W		27 March, 23:30
		Recorded 27 tracers from W to E		27 March, 23:31
		Recorded 6 tracers from W to E		27 March, 23:45
		Recorded 30 tracers from E to W		27 March, 23:51
		Recorded 5 tracers from E to W		27 March, 23:52
		Recorded 11 tracers from E to W		27 March, 23:55
		Recorded 6 tracers from E to W and		28 March, 00:31
		Recorded 26 tracers from W to E		28 March, 01:02
		Recorded 17 tracers from W to E		27 March, 21:01
		Recorded 17 tracers from W to E		27 March, 21:45
		Recorded 6 tracers from E to W		
		Recorded 7 tracers from W to E		
		Recorded 33 tracers from W to E		
Recorded 10 tracers from E to W				
Recorded 18 tracers from E to W				
Debaltseve ("DPR"-controlled, 58km NE of Donetsk)	5-7km NW	Heard 7 undetermined explosions	N/K	27 March, 21:01
		Heard 17 undetermined explosions		27 March, 21:45

	7-8km NNW	Heard 20 undetermined explosions		27 March, 23:15
	5-7km SE	Heard 20 undetermined explosions		28 March, 00:07
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	3-5km NW	Heard 47 undetermined explosions	N/K	28 March, 09:45-10:20
		Heard 9 undetermined explosions		28 March, 10:20-10:38
	3-5km WNW	Heard 1 undetermined explosion		28 March, 10:55
		Heard 1 undetermined explosion		28 March, 11:08
		Heard 7 undetermined explosions		28 March, 12:35
	5-7km W	Heard 6 undetermined explosions		28 March, 12:53
	3-5km WNW	Heard 1 undetermined explosion		28 March, 13:35
		Heard 1 undetermined explosion		28 March, 13:48
	3-5km W	Heard 1 undetermined explosion		28 March, 13:58
	3-5km W	Heard 1 undetermined explosions		28 March, 14:24
		Heard 1 undetermined explosions		28 March, 14:27
		Heard 1 undetermined explosions		28 March, 14:29
	3-5km WNW	Heard 1 undetermined explosions		28 March, 14:39
	3-5km N	Heard 1 undetermined explosions		28 March, 14:43
Sofiivka (formerly Karlo-Marksove, "DPR"-controlled, 40km NE of Donetsk)	3-4km SSE	Heard 6 shots	Small arms	28 March, 10:14
Heard 2 bursts				
Berdianske (government controlled, 18km E of Mariupol)	N/K N	Heard 1 undetermined explosion	N/K	28 March, 10:26
7km N of Horlivka "DPR"-controlled, 39km NE of Donetsk)	4-5km NW	Heard 1 undetermined explosion	N/K	28 March, 10:30
	4-5km E	Heard 1 undetermined explosion		28 March, 11:00
1km N of Zaichenko ("DPR"-controlled, 26km NE of Mariupol)	3-4km WNW	Heard 5 undetermined explosions	N/K	28 March, 10:46
Kozatske ("DPR"-controlled, 36km NE of Mariupol)	30-40m E	Heard and saw 9 shots	Small arms	28 March 11:07
		Heard 4 shots and 1 burst		
Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)	3-5km NNE	Heard 1 undetermined explosion	N/K	28 March, 11:30
		Heard 2 undetermined explosions		28 March, 11:34
	2-3km W	Heard 2 undetermined explosions		28 March, 11:50
	2-3km NNW	Heard 1 burst (7-9 shots)		HMG
	0.8-1km WNW	Heard 5 bursts	Small arms	28 March, 12:45

	2-3km W	Heard 2 undetermined explosions	N/K	28 March, 13:12	
	2-3km WNW	Heard 1 undetermined explosion		HMG	28 March, 13:28
		Heard 4 bursts			
	2-3km W	Heard 1 undetermined explosion	N/K	28 March, 13:41	
		Heard 1 undetermined explosion		HMG	28 March, 13:44
		Heard 3 bursts			
	2-3km NNW	Heard 2 undetermined explosions	N/K	28 March, 13:47	
	2-3km W	Heard 2 undetermined explosions		28 March, 14:04	
	2-3km WSW	Heard 30 undetermined explosions		Small arms	28 March, 14:23-14:26
		Heard 22 undetermined explosions			28 March, 14:28-14:33
		Heard 3 bursts		N/K	28 March, 14:35-14:37
		Heard 2 undetermined explosions			
	Heard 2 bursts	Small arms			
	Heard 3 bursts	HMG	28 March, 14:40		
Bezimenne (“DPR”-controlled, 30km E of Mariupol)	N/K W	Heard 1 undetermined explosion	N/K	28 March, 11:54	
Sakhanka (“DPR”-controlled, 24km NE of Mariupol)	1km W	Heard 1 explosion (outgoing)	Mortar (type N/K)	28 March, 12:40-12:50	
	N/K NNW	Heard 8 undetermined explosions	N/K		
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NW	Heard 1 undetermined explosion	N/K	28 March, 13:12	
Kadiivka (formerly Stakhanov, “LPR”-controlled, 50km W of Luhansk)	5-10km WNW	Heard 37 explosions (impacts)	N/K	27 March, 21:19-21:45	
	2-3km WNW	Heard 4 explosions (outgoing)		27 March, 21:50-21:55	
	>10km W	Heard 8 explosions (outgoing)	Artillery (type N/K)	28 March, 00:33-01:03	
	>10km SW	Heard 8 explosions (subsequent impacts)			
	5-10km WSW	Heard 44 explosions (impacts)	N/K	28 March, 16:10-16:45	
10km W	Heard 2 undetermined explosions	28 March, 16:28			
100m S of Zolote disengagement area (60km W of Luhansk)	5km SW	Heard 1 undetermined explosion (assessed as outside disengagement area)	N/K	28 March, 08:40	
Molodizhne (“LPR”-controlled, 63km NW of Luhansk)	1km S	Heard 3 shots	Small arms	28 March, 09:25	
Orikhove-Donetske (government-controlled, 44km NW of Luhansk)	5-7km SW	Heard 26 shots	IFV (BMP-2) cannon	28 March, 10:45-11:10	
“LPR”-controlled area S of Stanytsia Luhanska bridge	5km NE	Heard 1 undetermined explosion (assessed as outside disengagement area)	N/K	28 March, 11:06	

(16km NE of Luhansk)				
3km W of Orikhove-Donetske (government-controlled, 44km NW of Luhansk)	7-9km SW	Heard 26 shots	IFV (BMP-2) cannon	28 March, 12:32-12:45
Staryi Aidar (government-controlled, 20km NW of Luhansk)	2-3km S	Heard 4 undetermined explosions	N/K	28 March, 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 based on recommendations of security experts from participating States.)