

Table of ceasefire violations as of 4 March 2018¹

SMM position	Distance	Direction	Means	No.	Observation	Description	Weapon	Date	Time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	N/K	SE	Recorded	1	Projectile	S to N	N/K	2-March	21:20
				1	Explosion	Undetermined		3-March	01:27
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-3km	S	Recorded	1	Projectile	W to E	N/K	2-March	18:36
				1	Explosion	Undetermined			18:38
				3	Projectile	W to E			18:53
				1	Projectile	W to E			18:57
				2	Projectile	W to E			19:12
				2	Projectile	W to E			19:13
				1	Explosion	Undetermined			19:19
				2	Projectile	W to E			19:23
				8	Projectile	W to E			19:33
				1	Projectile	W to E			19:34
				1	Explosion	Undetermined			19:39
				1	Explosion	Undetermined			19:41
				5	Projectile	W to E			19:42
				3	Projectile	W to E			19:44
				2	Projectile	W to E			19:48
				3	Projectile	W to E			19:48
				1	Explosion	Undetermined			20:07
				2	Projectile	W to E			20:31
				1	Projectile	W to E			20:32
				1	Explosion	Undetermined			20:38
4	Projectile	W to E	20:38						
2	Projectile	W to E	20:40						

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	Projectile	W to E		20:49
				1	Projectile	W to E		20:56
				3	Projectile	W to E		21:14
				1	Projectile	W to E		21:20
				3	Projectile	W to E		21:39
				1	Projectile	W to E		21:49
				1	Projectile	E to W		21:52
				4	Projectile	W to E		21:56
				1	Projectile	W to E		22:26
				1	Projectile	W to E		22:44
				1	Other	Muzzle flash		23:06
				4	Projectile	W to E		23:27
				4	Projectile	W to E		23:57
				1	Projectile	W to E		23:59
				3	Projectile	W to E		00:00
				1	Projectile	W to E		00:01
				2	Projectile	E to W		00:02
				2	Projectile	W to E		00:03
				3	Projectile	W to E		00:06
				1	Projectile	E to W		00:08
				3	Projectile	W to E		00:09
				6	Projectile	E to W		00:10
				1	Projectile	W to E		00:11
				1	Projectile	W to E		00:13
				1	Projectile	E to W		00:15
				5	Projectile	W to E		00:16
				1	Projectile	W to E		00:22
				2	Projectile	W to E		00:23
				1	Projectile	E to W		00:23

			1	Other	Muzzle flash		00:24
			1	Projectile	W to E		00:28
			3	Projectile	E to W		00:34
			1	Projectile	W to E		00:35
			6	Projectile	W to E		00:36
			1	Projectile	E to W		00:37
			12	Projectile	W to E		00:42
			10	Projectile	W to E		00:43
			1	Projectile	E to W		00:46
			4	Projectile	W to E		00:48
			3	Projectile	E to W		00:52
			7	Projectile	W to E		00:59
			1	Projectile	W to E		01:00
			1	Explosion	Undetermined		01:02
			10	Projectile	W to E		01:16
			2	Projectile	E to W		01:18
			1	Projectile	W to E		01:23
			2	Other	Muzzle flash		01:24
			1	Explosion	Undetermined		01:25
			2	Projectile	W to E		01:26
			1	Projectile	E to W		01:27
			2	Projectile	E to W		01:28
			12	Projectile	W to E		01:35
			1	Projectile	E to W		
			3	Projectile	E to W		
			3	Projectile	W to E		
			3	Projectile	W to E		
			8	Projectile	W to E		
			14	Projectile	W to E		
			2	Projectile	E to W		
			9	Projectile	W to E		
			28	Projectile	W to E		

				18	Projectile	W to E			01:36
				2	Projectile	W to E			01:38
				3	Projectile	E to W			
				17	Projectile	W to E			01:39
				2	Projectile	E to W			01:40
				4	Projectile	W to E			
				18	Projectile	W to E			01:41
				2	Projectile	E to W			
				8	Projectile	W to E			01:44
				20	Projectile	W to E			01:45
				2	Projectile	E to W			01:46
				16	Projectile	W to E			
				19	Projectile	W to E			01:47
				1	Projectile	E to W			
				15	Projectile	W to E			01:48
				2	Projectile	E to W			
				5	Projectile	W to E			01:49
				1	Projectile	E to W			
				6	Projectile	W to E			01:50
				3	Projectile	E to W			
				7	Projectile	W to E			01:51
				6	Projectile	W to E			01:52
				13	Projectile	W to E			02:02
				5	Explosion	Undetermined			02:03
				1	Explosion	Undetermined			02:04
				1	Explosion	Undetermined			02:06
				2	Projectile	W to E			
				1	Projectile	E to W			02:08
				1	Projectile	E to W			02:16
				1	Explosion	Undetermined			02:17
				1	Explosion	Undetermined			02:18
				22	Projectile	W to E			

				14	Projectile	W to E			02:19
				2	Projectile	E to W			02:20
				7	Projectile	W to E			
				14	Projectile	W to E			02:22
				2	Projectile	E to W			02:23
				1	Explosion	Undetermined			
				10	Projectile	W to E			
				4	Projectile	E to W			02:24
				11	Projectile	W to E			
				15	Projectile	W to E			02:25
				10	Projectile	W to E			02:31
				18	Projectile	W to E			02:34
				3	Projectile	W to E			02:35
				2	Projectile	E to W			02:40
				20	Projectile	W to E			
				9	Projectile	W to E			02:41
				1	Explosion	Undetermined			02:43
				20	Projectile	W to E			02:43
				24	Projectile	W to E			02:44
				11	Projectile	W to E			02:45
				5	Projectile	W to E			02:50
				3	Explosion	Undetermined			02:52
				4	Projectile	E to W			
				1	Explosion	Undetermined			03:08
				10	Projectile	W to E			03:22
				3	Projectile	E to W			
				1	Explosion	Undetermined			03:24
				11	Projectile	W to E			
				1	Explosion	Undetermined			03:25
				3	Projectile	W to E			
				4	Projectile	W to E			03:26
				7	Projectile	W to E			03:37

				1	Explosion	Undetermined			
				7	Projectile	W to E		03:38	
				7	Projectile	W to E		03:39	
				3	Projectile	W to E		03:40	
				1	Explosion	Undetermined			
				7	Projectile	W to E		03:42	
				1	Explosion	Undetermined		03:52	
				5	Projectile	W to E			
				18	Projectile	W to E		03:53	
				1	Explosion	Undetermined		03:54	
				2	Projectile	W to E		05:25	
				0.5-3km	S	Recorded			1
	1	Projectile	W to E				17:46		
	2	Projectile	W to E				17:47		
	5	Projectile	W to E				17:48		
	1	Explosion	Undetermined						
	1	Projectile	W to E				17:50		
	9	Projectile	W to E				17:52		
	10	Projectile	W to E				17:53		
	2	Projectile	W to E				17:54		
	9	Projectile	W to E				17:55		
	2	Explosion	Undetermined				17:56		
3	Projectile	W to E	17:58						
1	Projectile	W to E	18:01						
1	Projectile	W to E	18:04						
7	Projectile	W to E	18:05						
16	Projectile	W to E	18:08						
13	Projectile	W to E	18:09						
5	Projectile	E to W							
1	Projectile	W to E	18:11						
8	Projectile	W to E	18:13						
5	Projectile	W to E	18:14						
1	Explosion	Undetermined	18:15						
1	Explosion	Undetermined	18:20						
3	Projectile	W to E	18:24						
2	Explosion	Undetermined							
5	Projectile	W to E	18:26						
4	Projectile	W to E	18:27						
5	Projectile	W to E							
15	Projectile	W to E	18:28						

			2	Projectile	W to E			18:30
			6	Explosion	Undetermined			
			23	Projectile	W to E			18:31
			2	Projectile	E to W			
			5	Projectile	W to E			18:33
			30	Projectile	W to E			18:35
			2	Projectile	W to E			18:36
			1	Projectile	W to E			18:38
			1	Explosion	Undetermined			18:40
			3	Projectile	W to E			18:41
			15	Projectile	W to E			
			1	Explosion	Undetermined			18:43
			6	Projectile	W to E			18:44
			1	Projectile	W to E			18:45
			13	Projectile	W to E			18:46
			15	Projectile	W to E			
			1	Explosion	Undetermined			18:47
			1	Projectile	W to E			18:50
			23	Projectile	W to E			18:51
			4	Projectile	W to E			
			1	Explosion	Undetermined			18:52
			6	Projectile	W to E			18:53
			4	Projectile	W to E			18:54
			14	Projectile	W to E			18:55
			7	Projectile	W to E			
			1	Explosion	Undetermined			18:56
			12	Projectile	W to E			18:57
			21	Projectile	W to E			18:58
			8	Projectile	W to E			18:59
			3	Projectile	W to E			19:00
			5	Projectile	W to E			19:02
			5	Projectile	W to E			19:06
			10	Projectile	W to E			19:08
			1	Projectile	W to E			19:11
			5	Projectile	W to E			19:12
			1	Explosion	Undetermined			
			5	Projectile	W to E			19:13
			6	Projectile	W to E			19:14
			11	Projectile	W to E			19:15
			7	Projectile	W to E			19:16
			1	Projectile	W to E			19:17
			4	Projectile	W to E			19:18
			5	Projectile	W to E			19:20
			2	Projectile	W to E			19:21
			15	Projectile	W to E			19:23
			18	Projectile	W to E			
			1	Explosion	Undetermined			19:28
			3	Projectile	W to E			19:29

			3	Projectile	W to E		19:33
			3	Projectile	W to E		19:34
			5	Projectile	W to E		19:35
			5	Projectile	E to W		19:38
			13	Projectile	W to E		19:39
			7	Projectile	W to E		19:40
			2	Projectile	W to E		19:41
			2	Projectile	W to E		19:42
			1	Explosion	Undetermined		19:44
			2	Projectile	W to E		19:47
			2	Projectile	W to E		19:52
			3	Projectile	W to E		19:52
			1	Explosion	Undetermined		19:52
			1	Other	Illumination flares in vertical flight		20:27
			1	Explosion	Undetermined		20:50
			1	Projectile	S to N		21:01
			3	Projectile	W to E		21:02
			2	Projectile	W to E		21:13
			1	Projectile	W to E		21:15
			1	Projectile	E to W		21:18
			1	Explosion	Undetermined		21:02
			1	Projectile	W to E		21:03
			8	Projectile	W to E		22:06
			2	Projectile	W to E		22:07
			5	Projectile	W to E		22:10
			1	Other	Muzzle flash		22:10
			1	Explosion	Undetermined		22:11
			5	Projectile	W to E		22:13
			2	Projectile	W to E		22:14
			2	Projectile	W to E		22:25
			1	Projectile	W to E		22:33
			1	Projectile	W to E		22:46
			3	Projectile	W to E		22:50
			2	Projectile	W to E		23:25
			1	Projectile	W to E		23:36
			1	Projectile	W to E		23:38
			1	Projectile	W to E		23:48
			4	Projectile	W to E		00:03
			1	Explosion	Undetermined		00:10
			1	Projectile	W to E		00:13
			3	Projectile	W to E		00:16
			3	Projectile	E to W		00:16
			5	Projectile	E to W		00:17
			6	Projectile	W to E		00:17
			5	Projectile	W to E		00:18
			10	Projectile	W to E		00:20

			2	Explosion	Undetermined		00:21
			4	Projectile	W to E		00:22
			5	Projectile	W to E		00:24
			3	Projectile	W to E		00:25
			5	Projectile	W to E		00:27
			1	Explosion	Undetermined		00:30
			1	Projectile	W to E		00:31
			1	Projectile	W to E		00:31
			3	Projectile	W to E		00:33
			1	Projectile	W to E		00:39
			3	Projectile	W to E		00:45
			3	Projectile	W to E		00:46
			2	Projectile	W to E		00:49
			1	Projectile	W to E		01:02
			2	Projectile	W to E		01:10
			10	Projectile	W to E		01:11
			2	Projectile	W to E		01:12
			3	Projectile	W to E		01:20
			1	Projectile	E to W		01:21
			1	Projectile	W to E		01:21
			6	Projectile	W to E		01:22
			2	Projectile	W to E		01:23
			2	Projectile	W to E		01:26
			3	Projectile	W to E		01:27
			3	Projectile	W to E		01:31
			1	Projectile	W to E		01:32
			1	Projectile	W to E		01:33
			5	Projectile	W to E		01:34
			1	Projectile	W to E		01:38
			3	Projectile	W to E		01:39
			1	Projectile	E to W		01:46
			1	Projectile	W to E		01:54
			2	Projectile	E to W		02:05
			1	Explosion	Undetermined		02:12
			1	Explosion	Undetermined		02:13
			1	Explosion	Undetermined		02:14
			2	Projectile	W to E		02:15
			2	Projectile	W to E		02:20
			3	Projectile	W to E		02:21
			1	Projectile	W to E		02:28
			3	Projectile	W to E		02:33
			3	Projectile	W to E		02:44
			3	Projectile	W to E		02:45
			1	Projectile	W to E		02:46
			2	Projectile	W to E		02:47
			1	Projectile	W to E		02:48
			1	Explosion	Undetermined		02:48
			1	Projectile	W to E		02:50

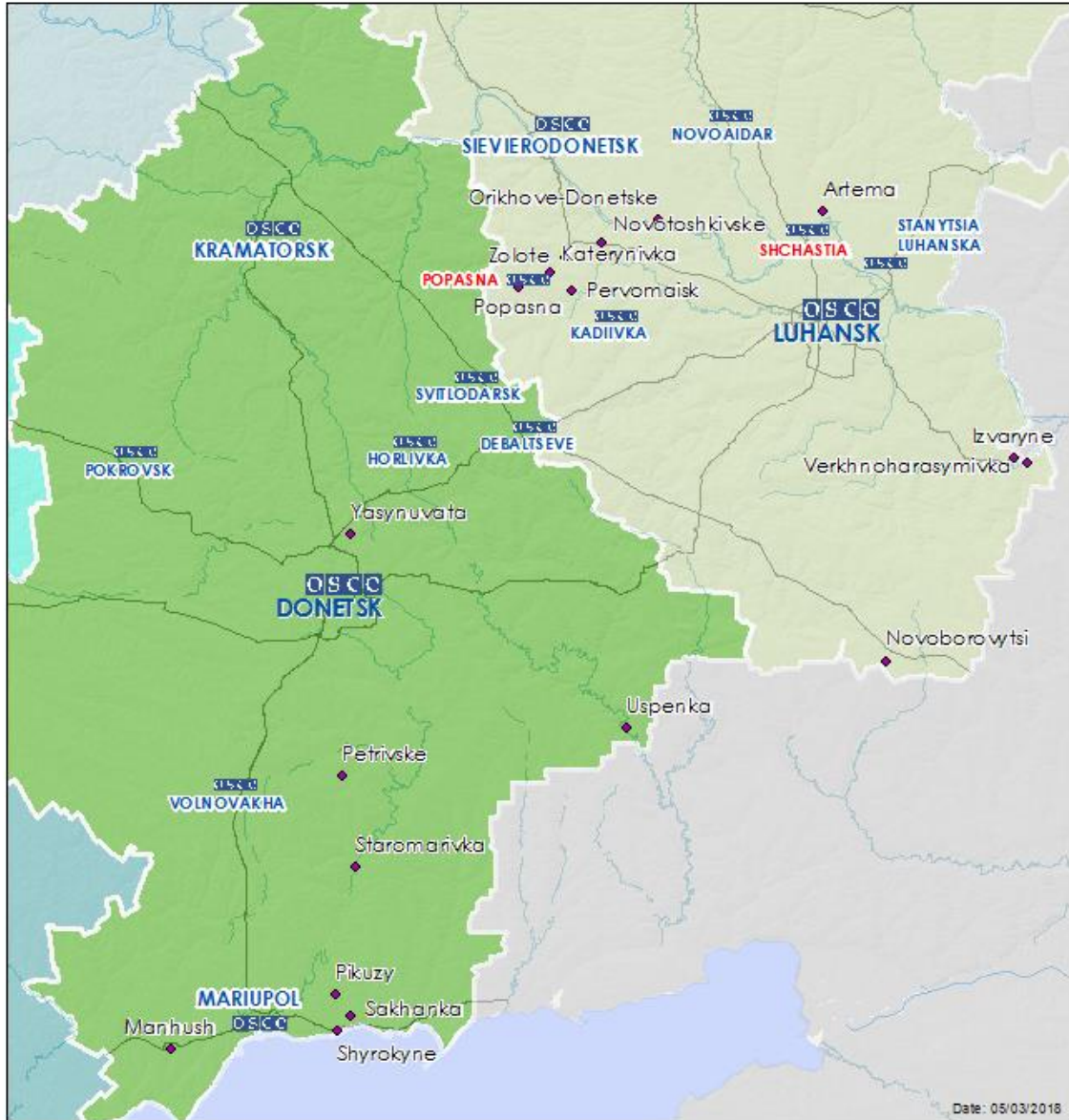
				1	Explosion	Undetermined				
				1	Explosion	Undetermined			02:51	
				2	Projectile	W to E			03:00	
				1	Projectile	W to E			04:22	
				1	Projectile	W to E			04:50	
				1	Projectile	W to E			04:51	
				1	Projectile	E to W			05:27	
				1	Explosion	Undetermined			18:12	
				2	Projectile	W to E			18:13	
				3	Projectile	W to E			18:18	
				3	Projectile	W to E			18:19	
				2	Projectile	W to E			18:27	
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	1-4km	N	Recorded	1	Projectile	W to E	N/K	2-March	22:38	
				1	Other	Illumination flares in vertical flight		3-March	01:35	
				1	Projectile	E to W			01:54	
				1	Other	Illumination flares in vertical flight			03:45	
				1	Explosion	Undetermined			20:05	
				16	Projectile	W to E			20:11	
				1	Explosion	Undetermined			21:09	
				1	Projectile	E to W			21:51	
				1	Explosion	Undetermined			23:17	
				1	Explosion	Undetermined			4-March	00:44
				1	Projectile	W to E			4-March	03:36
				SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk)	2-4km	N			Recorded	2
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km	SE	Recorded	1	Explosion	Undetermined	N/K		3-March	18:12
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	N/K	N/K	Recorded	1	Other	Undetermined	N/K	4-March	00:53	
Yasynuvata Railway station (non-government-controlled, 16km NE of Donetsk)	2-4km	W	Heard		Burst	Uncountable overlapping	Small arms	3-March	11:30-11:32	
	2-4km	W	Heard	28	Burst		Small arms	4-March	11:35-11:45	
	2-4km	SW	Heard	2	Explosion	Undetermined	N/K		11:35-11:45	

	2-3km	W	Heard	15	Shot		Small arms		12:05
	2-3km	W	Heard	26	Shot		Small arms		12:26
	2-3km	W	Heard	17	Shot		Small arms		12:30
	2-3km	NW	Heard	22	Shot		Small arms	04-March	12:10-12:14
	2-3km	W	Heard	6	Shot		Small arms		12:30
	4-5km	W	Heard	1	Explosion		N/K		12:39
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km	E	Heard		Burst	Uncountable overlapping	HMG	03-March	12:35-12:45
	2-3km	E	Heard	1	Explosion	Undetermined	N/K		12:35-12:45
Debaltseve (non-government-controlled, 58km NE of Donetsk)	5-8km	NNW	Heard	49	Explosion	Undetermined	N/K	4-March	16:05-16:15
Pikuzy (non-government-controlled, formerly Kominternove, 23km NE of Mariupol)	1-2km	SSW	Heard	2	Shot		Small arms	03-March	12:00-12:30
	N/K		Heard	2	Explosion	Undetermined	N/K		
	0.5km		Heard	3	Burst		Small arms		
			Heard	3	Shot		Small arms		
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km	SSW	Heard	5	Burst		HMG	02-March	18:39-18:40
	5-7km	SSW		2	Explosion	Undetermined	N/K		18:41
	6-8km	SSW		5	Explosion	Undetermined	N/K		19:08-19:16
	6-8km	SSW		3	Explosion	Undetermined	N/K		19:20-19:22
	4-5km	SSW		9	Burst		HMG		19:47-20:00
	5-8km	SSW		28	Explosion	Undetermined	N/K		19:47-20:00
	4-6km	NNW		7	Burst		HMG		19:49-20:04
	4-5km	W		3	Burst		HMG		20:01
	5-8km	SSW		2	Explosion	Undetermined	N/K		20:02-20:09
	3-5km	SSW		3	Burst		HMG		20:07
	5-7km	WSW	Saw	3	Other	Illumination flares	N/A	03-March	18:32-18:38
	5-7km	WSW	Saw	3	Burst	(uncountable tracers)	HMG		18:41-18:43
	5-7km	WSW	Heard	6	Explosion	Undetermined	N/K		18:41-18:43
	5-7km	WSW	Heard	2	Explosion	Undetermined	N/K		18:44-18:46
	5-7km	WSW	Heard	1	Burst		HMG		18:44-18:46
	6-8km	SW	Heard	2	Explosion	Undetermined	N/K		18:48
	5-7km	WSW	Saw	10	Tracer	from NW to SE	HMG		18:50-18:53
	4-6km	SW	Heard	6	Shot		AGL		19:16-19:18
	4-6km	SW	Heard	6	Explosion	Impact	AGL		19:16-19:18
	4-6km	SW	Heard	1	Burst		HMG		20:13
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km	S	Heard	12	Explosion	Undetermined	N/K	02-March	18:35-19:05
	4-5km	SE	Heard	1	Explosion	Undetermined	N/K	04-March	13:55
	4-5km	SE	Heard	1	Explosion	Undetermined	N/K		18:15

Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	1-2km	W	Heard	1	Burst		HMG	04-March	10:35
	1-2km	W	Heard	39	Shot		Small arms		10:42-10:47
0.6km W of Verkhnohyrokiyse (non-government-controlled, 29 Km NE of Mariupol)	N/K	S	Heard	8	Shot		Small arms	4-March	09:48
2.5km SSE of Lomakyne (government-controlled, 15km NE of Mariupol)	1.5-2km	ESE	Heard	8	Shot	Assessed as live-fire training exercise	Small arms	4-March	11:18
	1.5-2km	ESE	Heard	3	Shot	Assessed as live-fire training exercise	Small arms		11:43
1.5km N of Sopyne (government-controlled, 16km E of Mariupol)	N/K	NE	Heard	2	Burst		Small arms	4-March	12:25-12:35
	N/K	NE	Heard	12	Shot		HMG		12:25-12:35
Uzhivka (non-government-controlled, 24km NE of Mariupol)	N/K	NW	Heard	1	Explosion	Undetermined	N/K	4-March	12:35
	N/K	NW	Heard	2	Burst		HMG		12:35
3km SSE of Donetsk city centre (non-government-controlled)	7-10km	NNW	Heard	5	Explosion	Undetermined	N/K	4-March	15:45-15:50
Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	6-7km	WSW	Heard	12	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	2-Mar	21:25-21:50
	3-4km	S	Heard	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	3 March	20:17
				1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K		20:26
				3	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K		20:33-20:35
4	Burst (2-3 Shot each)	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K						

SMM camera at Stanytsia Luhanska disengagement area (government-controlled, 16km NE of Luhansk)	1km	SE	Recorded	1	Explosion	Undetermined (Assessed as probably inside the disengagement area)	N/K	3 March	20:15
SMM camera at Prince Ihor Monument (non-government-controlled, 14km NE of Luhansk)	1.5km	N	Recorded	1	Explosion	Undetermined (Assessed as inside the disengagement area)	N.K	3 March	20:17
	1km	NNW	Recorded	1	Explosion		N/K		20:27
Kalynove (non-government-controlled, 60km W of Luhansk)	2-3km	W	Heard	2	Shot		Small arms	4 March	09:06
Pervomaïsk (non-government-controlled, 58km W of Luhansk)	4-5km	W	Heard	211	Shot and Burst	Impacts (assessed as outside the disengagement area)	N/K	4 March	09:55-10:55
			Heard	13	Explosion	Undetermined (assessed as outside the disengagement area)	N/K		
1km NNE of Katerynivka (government-controlled, 64km W of Luhansk)	3-5km	WSW	Heard	6	Shot	Outgoing (assessed as outside the disengagement area)	IFV (BMP-2) Cannon (30mm)	4 March	10:18-10:28
			Heard	2	Burst	(Assessed as outside the disengagement area)	HMG		
			Heard	7	Explosion	Impacts (assessed as outside the disengagement area)	Mortar (82mm)		
1.5km S of Muratove (government-controlled, 51km NW of Luhansk)	10km	SSE	Heard	1	Explosion	Undetermined	N/K	4 March	10:35
Zolote (government-controlled, 60km W of Luhansk)	5-7km	SW	Heard	4	Explosion	Undetermined	N/K	4 March	10:48-10:53
3km E of Orikhove-Donetske (government-controlled, 44km NW of Luhansk)	1km	S	Heard	18	Shot		Small arms	4 March	11:09-11:11

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 based on recommendations of security experts from participating States as well as SMM security considerations).