

**Table of ceasefire violations as of 17 May 2018<sup>1</sup>**

SMM position	Distance	Direction	Means	No.	Observation	Description	Weapon	Date	Time	
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk)	5-10km	NE	Recorded	1	Muzzle flash (and subsequent projectile)	Outgoing (SE to NW)	Multiple launch rocket system (MLRS) (BM-21 <i>Grad</i> , 122mm)	16-May	20:33	
				20	Muzzle flash (and subsequent projectile)	Outgoing (SE to NW)			20:34	
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-3.5km	SE	Recorded	9	Projectile	S to N	MLRS (BM-21)	16-May	20:33	
				17	Projectile	S to N			20:34	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km	WSW	Recorded	8	Explosion	Impacts	MLRS (BM-21)	16-May	20:34	
				17	Explosion	Impacts	MLRS (BM-21)		20:35	
				2	Projectile	SE to NW	N/K		22:40	
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	1-3km	S	Recorded	10	Projectile	W to E	N/K	16-May	20:56	
				8	Projectile	W to E			20:59	
				8	Projectile	E to W			22:44	
				6	Projectile	In vertical flight (unable to assess whether inside or outside the disengagement area)			21:37	
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1-3km	S	Recorded	1	Illumination Flare	In vertical flight (unable to assess whether inside or outside the disengagement area)	N/K	16-May	21:53	
	4-7km			SSW	2	Explosion			Undetermined (assessed as outside the disengagement area)	21:58
					3	Explosion				21:59
		3			Explosion	22:09				
		3			Explosion	22:14				
	2-5km	ENE		5	Projectile	N to S (assessed as outside the disengagement area)			22:30	
				1	Burst	N to S (assessed as outside the disengagement area)				
	2-5km	ENE		3	Projectile	NW to SE (assessed as outside the disengagement area)			22:32	
	3-5km			SSW	1	Projectile			N to S (assessed as outside the disengagement area)	22:40
	4-6km				1	Burst			NNW to SSE (assessed as	23:01
		15	Tracer							

<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.

	1-3km	E		1	Projectile	outside the disengagement area)			23:13	
	4-7km	SSW		2	Explosion	Assessed as outside the disengagement area			23:27	
	1-3km	E		1	Illumination Flare	In vertical flight (assessed as outside the disengagement area)			17-May	01:14
				1	Projectile	SW to NE (assessed as outside the disengagement area)				
Debaltseve (non-government-controlled, 58km NE of Donetsk)	5-8km	NNW	Heard	21	Explosion	Undetermined	Artillery (type N/K)	16-May	20:33-20:38	
	6-10km			108	Explosion	Undetermined			21:08-21:37	
	5-8km			4	Explosion	Outgoing			21:58-22:00	
	5-10km			112	Explosion	Undetermined			22:02-22:22	
1.1km NW of Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-5km	WSW	Heard	7	Explosion	Undetermined	N/K	17-May	10:10-10:19	
	2-4km			9	Shot		Small arms		10:14-10:30	
	2-3km			4	Shot				10:36-10:52	
	2-4km			1	Explosion	Undetermined	N/K		10:58	
				1	Shot		Small arms		10:58	
				6	Shot				11:01-11:08	
				2	Burst				11:07-11:08	
				1	Explosion	Undetermined	N/K		11:14	
				8	Shot		Small arms		11:16-11:18	
	2-4km			3	Burst					
		4		Explosion	Undetermined	N/K				
		1		Explosion	Undetermined		11:22			
		6		Burst			11:22-11:26			
		7		Shot		Small arms	11:27-11:28			
		7		Shot			11:29			
		1		Explosion	Undetermined	N/K	11:32-11:40			
		4		Explosion	Undetermined		11:35-11:43			
		8		Shot			12:15-12:22			
		3		Shot			12:28-13:07			
	1-2km	75		Shot		Small arms	13:38			
6		Burst			13:42-13:46					
16		Shot								
9		Burst			13:47-13:51					
1		Explosion	Undetermined	N/K						
10		Shot		Small arms	13:55-13:58					
1-2km	WSW		10	Shot				14:01-14:24		
3-4km	W		5	Shot						
SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km	SE	Heard	1	Explosion	Undetermined	N/K	17-May	09:08	
	3-5km			1	Explosion	Undetermined			11:00	
		5		Shot		Small arms	11:20			
		1		Explosion	Undetermined	N/K	13:50			
	SSE	21		Shot		Small arms	14:25			
NW edge of Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	5-8km	N	Heard	1	Explosion	Undetermined		17-May	11:43	
		NNW		1	Explosion	Undetermined	N/K		12:29	
N Edge of Mykolaiivka (government-controlled, 40km S of Donetsk)	500-800m	N	Heard	1	Explosion	Outgoing	N/K	17-May	09:15	
Mariupol city	N/K	NE	Heard	15	Explosion	Undetermined	N/K	17-May	07:30-07:45	

centre (government-controlled, 102km S of Donetsk)									
1km NE Zaichenko (non-government-controlled, 26km NE of Mariupol)	N/K	SSW	Heard	1	Explosion	Undetermined	N/K	17-May	12:52
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km	W	Heard	1	Explosion	Undetermined	N/K	16-May	20:19
				1	Explosion	Undetermined			20:23
	1			Explosion	Undetermined	20:28			
	1			Explosion	Undetermined	20:40			
	4-5km	SW		2	Burst				20:47
	6-7km			1	Explosion	Undetermined			20:53
	4-5km	W		1	Explosion	Undetermined			21:04
	3-4km	W/SW		2	Explosion	Undetermined			21:11
				5	Burst				Small arms
	3			Burst		HMG			21:16
	1			Explosion	Undetermined	N/K	21:21		
	4-5km	SW		1	Explosion	Undetermined	21:34		
	5-7km			1	Explosion	Undetermined	21:56		
	3-4km	W/SW		3	Burst		AGL		22:20
	3-5km			1	Burst		HMG		22:21-22:23
	8-10km	NW		14	Burst		N/K		21:52-21:58
				14	Explosion	Undetermined			22:28-22:31
	4-5km	W		5	Burst		HMG		22:33
	5-6km	SW		6	Burst				22:37
				1	Explosion	Undetermined			22:44
	7-8km	W		5	Explosion	Undetermined	N/K		22:52-22:53
				2	Explosion	Undetermined			22:54
	5-6km	SW		13	Explosion	Undetermined			22:55-22:58
				3	Explosion	Undetermined			22:59
	4-5km	W		2	Burst		HMG		23:00
				5	Burst				23:02
	3-4km	SW		4	Explosion	Undetermined	N/K		23:03-23:07
				15	Burst		AGL		23:16
	2-4km	S		23	Explosion	Undetermined	Tank (type N/K)		05:02-05:18
	4-6km			10	Explosion	Undetermined	N/K		06:20-06:30
	1-2km	SSW		10	Burst	Outgoing	Small arms		09:50
	2-3km			1	Explosion	Undetermined	N/K		09:56
1			Explosion	Undetermined	09:57				
3-5km	1		Explosion	Undetermined		10:09			
2-4km	SW	6	Shot	Outgoing	Small arms	11:22			
		1	Explosion	Undetermined	N/K	11:41			
1-2km	SW	2	Explosion	Undetermined		12:07			
		4	Burst	Outgoing	HMG	12:07			
2-4km	SSW	1	Burst	Outgoing	Small arms	12:08			
2-4km		2	Explosion	Undetermined	N/K	12:22			
1-2km	W	2	Explosion	Undetermined		12:12			
		2	Shot	Outgoing	Small arms	12:13			
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km	NNE	1	Burst		HMG	18:45		
	3-4km		1	Explosion	Outgoing	Artillery (type N/K)	19:00		
	4-6km		28	Explosion	Undetermined	Mortar (type N/K)	19:00-19:05		
	3-4km	NNW	26	Explosion	Undetermined	N/K	19:06-19:09		
	4-10km	ENE	32	Explosion	Undetermined	Artillery (type N/K)	19:13-19:17		
	6-10km	S	7	Explosion	Undetermined		19:18-19:20		
	3-5km	E	10	Explosion	Outgoing		19:23-19:25		
	8-10km	S	4	Explosion	Undetermined		19:25-19:26		
	6-10km	ENE	7	Explosion	Undetermined		19:25-19:27		

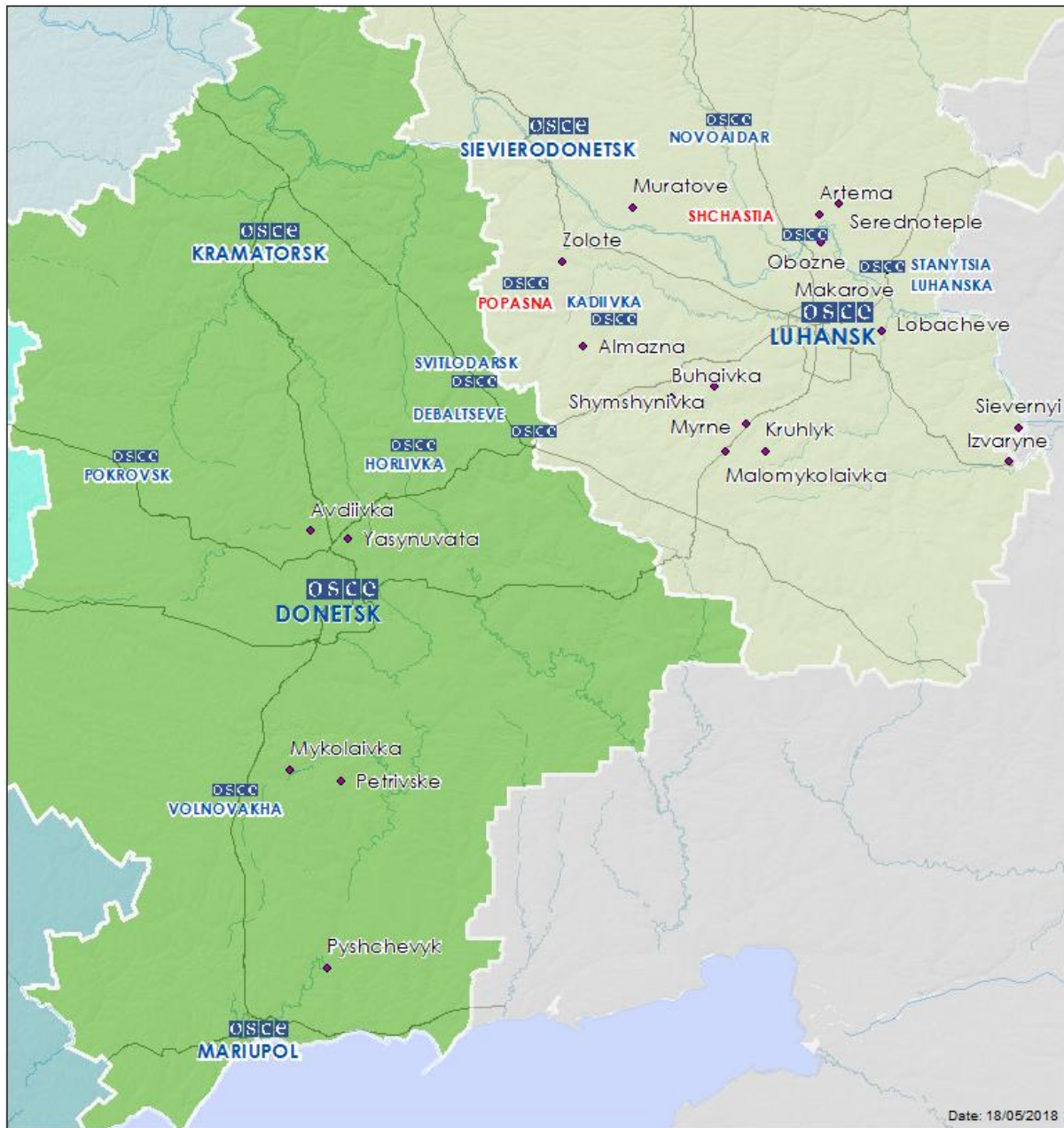
	S
4-6km	ENE
3-5km	
6-10km	S
3-5km	SE
	SW
5-8km	ENE
5-6km	E
5-7km	SE
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5-7km	E
8-10km	
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3-5km	ESE
6-10km	E
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15	Explosion	Undetermined	
6	Burst		HMG
3	Explosion	Undetermined	Artillery (type N/K)
4	Explosion	Undetermined	
119	Burst		HMG
8	Explosion	Undetermined	Artillery (type N/K)
135	Burst		Small arms
21	Burst		
5	Explosion	Undetermined	Artillery (type N/K)
7	Explosion	Undetermined	Mortar (type N/K)
8	Explosion	Undetermined	Artillery (type N/K)
19	Burst		HMG
7	Explosion	Outgoing	Artillery (type N/K)
137	Burst		HMG
3	Explosion	Undetermined	N/K
3	Explosion	Undetermined	Mortar (type N/K)
3	Explosion	Undetermined	
126	Burst		
3	Explosion	Undetermined	
56	Burst		Small arms
26	Explosion	Undetermined	Artillery (type N/K)
1	Explosion	Undetermined	
2	Explosion	Undetermined	
4	Explosion	Undetermined	
4	Explosion	Undetermined	
3	Explosion	Undetermined	
3	Explosion	Undetermined	
3	Explosion	Undetermined	
3	Explosion	Undetermined	
3	Explosion	Undetermined	
3	Explosion	Undetermined	
27	Burst		HMG
27	Explosion	Undetermined	Artillery (type N/K)
13	Burst		HMG
31	Explosion	Undetermined	Artillery (type N/K)
36	Explosion	Undetermined	
22	Explosion	Outgoing	
97	Burst		HMG
9	Explosion	Undetermined	Artillery (type N/K)
16	Explosion	Outgoing	
14	Explosion	Undetermined	
3	Burst		HMG
4	Explosion	Undetermined	Artillery (type N/K)
5	Explosion	Undetermined	
5	Explosion	Undetermined	
11	Burst		HMG
5	Explosion	Undetermined	Artillery (type N/K)
11	Burst		HMG
4	Explosion	Undetermined	Artillery (type N/K)
11	Burst		HMG
14	Explosion		Artillery (type N/K)
30	Burst		Small arms
27	Shot		
5	Explosion	Undetermined	Artillery (type N/K)
6	Explosion	Undetermined	

19:29-19:35
19:32-19:35
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19:45-19:47
19:47-19:51
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23:43-23:47
23:48-23:51

	5-6km			2	Burst		HMG		23:54-23:56
				11	Burst				00:01-00:04
	6-8km			1	Explosion	Undetermined	Artillery (type N/K)	17-May	00:05
	6km			12	Explosion	Undetermined			01:06-01:10
	7-8km			31	Explosion	Undetermined			05:35
	200-300m	N/K		1	Explosion	Impact	N/K		09:08
1.6km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2-4km	S	Heard	4	Shot	Outgoing	Small arms	17-May	13:38
		SSW		1	Explosion	Undetermined	N/K		13:40
Stanytsia Luhanska (government-controlled, 16km north of Luhansk)	2-5km	NW	Heard	3	Explosion	Outgoing (assessed as outside the disengagement area)	Artillery (type N/K)	17-May	05:00
Muratove (government-controlled, 69km west of Luhansk)	5-7km	S	Heard	6	Explosion	Undetermined	Other	17-May	10:43-10:56
Stanytsia Luhanska bridge (15km north of Luhansk)	1-1.2km	NE	Heard	1	Shot	Undetermined (assessed as outside the disengagement area)	N/K	17-May	10:50
Yuzhna-Lomuvatka (non-government controlled, 60km west of Luhansk)	3-4km	WNW	Heard	8	Shot	N/K (8 single shots)	Small arms	17-May	11:20-11:26
Malomykolaivka (non-government controlled, 36km south-west of Luhansk)	10-20km	NNW	Heard	6	Explosion	Undetermined	N/K	17-May	12:18-12:20
Almazna (non-government controlled, 55km west of Luhansk)	1-1.5km	ESE	Heard	120	Shot		Small arms	17-May	14:10-14:45
				70	Shot				14:55-15:19
				6	Burst				

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



<sup>2</sup> 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).