Table of ceasefire violations as of 19 May 2019¹

	Event						
SMM position	location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	17-May, 22:06
Chermalyk	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	17-May, 22:31
(government-	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	17-May, 22:51
controlled,	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	17-May, 23:56
31km NE of	2-4km SE	Recorded	1	Muzzle flash		N/K	18-May, 01:11
Mariupol)	2-4km SE	Recorded	5	Muzzle flash			18-May, 01:12
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	18-May, 01:12
	2-4km SE	Recorded	10	Projectile	ENE to WSW	N/K	18-May, 01:13
	2-4km SE	Recorded	14	Projectile	ENE to WSW	N/K	18-May, 01:14
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-May, 01:16
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-May, 01:20
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-May, 01:39
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	18-May, 01:53
	2-4km SE	Recorded	7	Projectile	ENE to WSW	N/K	18-May, 01:54
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	18-May, 01:55
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	18-May, 02:04
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	18-May, 02:11
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	18-May, 02:12
	2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	18-May, 02:14
	2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	18-May, 02:16
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-May, 02:21
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-May, 02:23
	2-4km SE	Recorded	12	Projectile	ENE to WSW	N/K	18-May, 02:24
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-May, 02:25
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-May, 02:32
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	18-May, 02:33
	2-4km SE	Recorded	7	Projectile	ENE to WSW	N/K	18-May, 02:41
	2-4km SE	Recorded	5	Projectile	ENE to WSW	N/K	18-May, 02:42
	2-4km SE	Recorded	8	Projectile	ENE to WSW	N/K	18-May, 02:43
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	18-May, 02:54
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	18-May, 03:29
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.75-1.5km SW	Recorded	2	Projectile	W to E	N/K	18-May, 01:27
SMM camera 1.5km NE of Hnutove (government- controlled, 20km NE of							
Mariupol)	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	18-May, 00:52
SE edge of Avdiivka (government- controlled, 17km N of	11 GF	Hand	1	E lain	0.44	Naz	10 M
Donetsk)	1km SE	Heard	1	Explosion	Outgoing	N/K	18-May, 09:02
Zaichenko (non- government-	3-4km SW	Saw	3	explosion	Undetermined	N/K	18-May, 11:40-11:42

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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.

controlled,							
26km NE of							
Mariupol							
Lebedynske							18-May,
(government-	1-2km E	Heard	8	Explosion	Outgoing	N/K	11:40-11:42
controlled,	1 2 2	110410		Zinprosion	outgoing	1 1/12	11110 11112
16km NE of							18-May,
Mariupol)	3-4km E	Heard	4	Explosion	Impact	N/K	11:40-11:42
About 2Km N	_				1		
of Kamianka							
(government-							
controlled,							
20km N of							
Donetsk)	0.8-1km E	Heard	2	Burst		HMG	18-May, 08:42
About 2km W							•
of Novoselivka							
Druha							
(government-							
controlled,							
23km N of							
Donetsk)	5-6km S	Heard	2	Explosion	Undetermined	N/K	18-May, 09:53
Horlivka FPB	4-5km NW	Heard	1	Explosion	Undetermined	N/K	18-May, 17:20
(non-							,,
government-							
controlled,							
39km NE of							18-May,
Donetsk)	4-5km SW	Heard	3	Explosion	Undetermined	N/K	17:30-17:32
SMM camera in					NW to SE		
Zolote					(assessed as		
(government-					outside the		
controlled,					disengagement		
60km W of	1-3km ENE	Recorded	2	Projectile	area)	N/K	17-May, 21:39
Luhansk)				.,	SW to NE		
, , ,					(assessed as		
					inside the		
					disengagement		
	2-3km SE	Recorded	1	Projectile	area)	N/K	18-May, 00:12
N edge of				,		- "	17-May,
Popasna	3-5km SE	Heard	90	Burst		HMG	21:07-22:30
(government-						Small	17-May,
controlled,	3-5km SE	Heard	60	Burst		arms	21:07-22:30
69km west of	0 011111 02	110410	- 00	Buist		taring .	17-May,
Luhansk)	5-8km S	Heard	2	Explosion	Undetermined	N/K	22:15-22:30
	5 Oktii 5	Ticara		Expression	Chacterhinea	1011	18-May,
	3-5km SE	Heard	50	Burst		HMG	00:26-01:30
	3-3KIII SL	Ticaru	30	Durst		Small	18-May,
	3-5km SE	Heard	40	Burst		arms	00:26-01:30
	3-3KIII SE	ricard	70	Durst		arms	18-May,
	3-5km SE	Heard	5	Explosion	Undetermined	N/K	00:57-01:30
	7-10km SE	Heard	4	Explosion	Undetermined	N/K	18-May, 04:09
Kadiivka	/-IUKIII SE	110414	4	Explosion	Onucternilled	1 1/ 1/2	10-1v1ay, 04.09
(formerly							
Stakhanov, non-							
government- controlled,						Artillery	
50km W of						,	18-May,
Luhansk)	2-5km NNE	Heard	20	Explosion	Outgoing	(type N/K)	06:35-07:15
Zolote-	2-JKIII ININE	ricaru	20	Evbrosion	Outgoing	1 1/ 1/2)	00.55-07.15
5/Mykhailivka (non-							
i thon-					A 1		
*		Ĩ	1		Assessed as outside the		
government-					Allterda tha	i .	i e
government- controlled,	1.21					C 11	
government- controlled, 58km W of	1-2km	Heer-4	2	Dungt	disengagement	Small	10 Mar. 11 05
government- controlled, 58km W of Luhansk)	NNW	Heard	3	Burst	disengagement area	arms	18-May, 11:05
government- controlled, 58km W of		Heard Recorded Recorded	3 1 4	Burst Projectile Projectile	disengagement		18-May, 11:05 18-May, 20:34 18-May, 20:51

(government-	2-4km SSE	Recorded	9	Projectile	NNE to SSW	N/K	18-May, 20:52
controlled,	2-4km SSE	Recorded	8	Projectile	NNE to SSW	N/K	18-May, 20:53
31km NE of	2-4km SSE	Recorded	7	Projectile	NE to SW	N/K	18-May, 22:13
Mariupol)	2-4km SSE	Recorded	3	Projectile	SW to NE	N/K	18-May, 22:19
				3	In vertical		•
	2-4km SE	Recorded	3	Burst	flight	N/K	18-May, 22:23
					In vertical		•
	2-4km SE	Recorded	8	Burst	flight	N/K	18-May, 22:24
					In vertical		_
	2-4km SE	Recorded	3	Burst	flight	N/K	18-May, 22:25
	1-3km SE	Recorded	4	Projectile	NE to SW	N/K	18-May, 22:25
				Illumination	In vertical		
	3-5km S	Recorded	1	flare	flight	N/K	18-May, 22:26
	3-5km SSE	Recorded	7	Projectile	W to E	N/K	18-May, 22:39
	3-5km SSE	Recorded	8	Projectile	W to E	N/K	18-May, 22:42
	3-5km SSE	Recorded	3	Projectile	W to E	N/K	18-May, 22:43
	3-5km SSE	Recorded	15	Projectile	W to E	N/K	18-May, 22:44
	3-5km SSE	Recorded	20	Projectile	W to E	N/K	18-May, 22:45
	3-5km SSE	Recorded	14	Projectile	W to E	N/K	18-May, 22:46
	3-5km SSE	Recorded	5	Projectile	W to E	N/K	18-May, 22:47
	3-5km SSE	Recorded	7	Projectile	W to E	N/K	18-May, 22:48
	3-5km SSE	Recorded	1	Projectile	WNW to ESE	N/K	18-May, 22:55
	3-5km S	Recorded	6	Projectile	W to E	N/K	18-May, 23:02
	3-5km S	Recorded	4	Projectile	W to E	N/K	18-May, 23:04
	3-5km S	Recorded	2	Projectile	W to E	N/K	18-May, 23:05
	3-5km S	Recorded	15	Projectile	W to E	N/K	18-May, 23:06
	3-5km S	Recorded	14	Projectile	W to E	N/K	18-May, 23:07
	3-5km S	Recorded	1	Projectile	W to E	N/K	18-May, 23:09
	0.5-1km						
	SSW	Recorded	1	Projectile	NW to SE	N/K	18-May, 23:11
	3-5km S	Recorded	3	Projectile	W to E	N/K	18-May, 23:28
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	18-May, 23:42
	3-5km S	Recorded	1	Projectile	ENE to WSW	N/K	18-May, 23:50
	2-4km SE	Recorded	18	Projectile	SW to NE	N/K	19-May, 00:01
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	19-May, 00:01
	2-4km SE	Recorded	11	Projectile	SW to NE	N/K	19-May, 00:02
	2-4km SSE	Recorded	4	Projectile	NE to SW	N/K	19-May, 00:04
	2-4km SE	Recorded	2	Projectile	NE to SW	N/K	19-May, 01:32
	2-4km SE	Recorded	4	Projectile	ENE to WSW	N/K	19-May, 02:17
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	19-May, 02:44
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	19-May, 03:04
	1-3km SE	Recorded	9	Projectile	NE to SW	N/K	19-May, 03:13
	1-3km SE	Recorded	4	Projectile	NE to SW	N/K	19-May, 03:14
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	19-May, 03:52
SMM camera at	1-2km SSW	Recorded	9	Projectile	WNW to ESE	N/K	18-May, 21:04
Donetsk	1-2km SSW	Recorded	7	Projectile	WNW to ESE	N/K	18-May, 21:22
Filtration				Illumination	In vertical		
Station (15km N	2-4km SSE	Recorded	1	flare	flight	N/K	18-May, 21:40
of Donetsk)				Illumination	In vertical		
	1-2km SSW	Recorded	1	flare	flight	N/K	18-May, 22:01
	2-3km SSW	Recorded	1	Projectile	SE to NW	N/K	18-May, 22:01
	1-2km SSW	Recorded	3	Projectile	NW to SE	N/K	18-May, 23:01
	2-3km SSW	Recorded	2	Projectile	SE to NW	N/K	18-May, 23:06
	1-2km SSW	Recorded	6	Projectile	WNW to ESE	N/K	19-May, 01:34
	0.7-1.5km S	Recorded	2	Projectile	W to E	N/K	19-May, 03:03
	0.7-1.5km S	Recorded	1	Projectile	W to E	N/K	19-May, 03:04
	0.5-2km		_				40.26
	SSW	Recorded	9	Projectile	NW to SE	N/K	19-May, 04:02
SMM camera	3-5km E	Recorded	9	Projectile	N to S	N/K	18-May, 22:19
	3-5km E	Recorded	7	Projectile	N to S	N/K	18-May, 22:39
1.5km NE of		_				I NT/TZ	1 10 1/1 22.44
1.5km NE of Hnutove	3-5km E	Recorded	16	Projectile	N to S	N/K	18-May, 22:44
1.5km NE of Hnutove (government-	3-5km E 3-5km E	Recorded	13	Projectile	N to S	N/K	18-May, 22:45
1.5km NE of Hnutove	3-5km E						

Mariupol)				Drojactila	N to S	N/K	18 May 22.48
	3-5km E 3-5km E	Recorded Recorded	5 7	Projectile Projectile	N to S	N/K	18-May, 22:48 18-May, 23:06
	3-5km E	Recorded	6	Projectile	N to S	N/K	18-May, 23:07
-	3-5km E	Recorded	1	Projectile	N to S	N/K	18-May, 23:27
,	3-5km E	Recorded	9	Projectile	N to S	N/K	18-May, 23:28
<u> </u>	3-5km ESE	Recorded	3	Explosion	Undetermined	N/K	
	3-5km ESE		2				19-May, 01:41
	0.5-2km	Recorded		Explosion	Undetermined	N/K	19-May, 01:56
SMM camera in Krasnohoriyka		Dagondad	2	Designatile	NW/ to CE	NI/IZ	10 May 02.19
(government-	SSE	Recorded		Projectile	NW to SE	N/K	19-May, 02:18
controlled,							
21km W of							
Donetsk)	1-3km SSE	Recorded	3	Projectile	WNW to ESE	N/K	19-May, 03:09
SMM camera E	3-6km NE	Recorded	1	Projectile	NW to SE	N/K	18-May, 22:55
of Lomakyne	3-6km NE	Recorded	1	Projectile	NW to SE	N/K	18-May, 22:07
(government-	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	18-May, 23:27
controlled,	3-6km NE	Recorded	2	Projectile	N to S	N/K	18-May, 23:29
15km NE of	3-6km NE		4		Undetermined	N/K	
Mariupol)		Recorded Recorded		Explosion		N/K N/K	18-May, 23:38
	3-6km NE		1	Projectile	SE to NW		18-May, 23:50
SMM camera at	3-6km NE	Recorded	18	Explosion	Undetermined	N/K	18-May, 20:25
Oktiabr mine	3-6km NE	Recorded	1	Projectile	NW to SE	N/K	18-May, 20:25
(non-	3-6km NE	Recorded	1	Explosion	Impact	N/K	18-May, 20:25
government-	3-6km NE	Recorded	1	Projectile	SE to NW	N/K	18-May, 20:25
controlled, 9km	3-6km NE	Recorded	1	Explosion	Impact	N/K	18-May, 20:25
NW of Donetsk	3-6km NNE	Recorded	1	Explosion	Undetermined	N/K	18-May, 20:25
city centre)	3-6km NE	Recorded	1	Muzzle flash		N/K	18-May, 20:25
	3-6km NE	Recorded	1	Explosion	Impact	N/K	18-May, 20:25
	4-7km NE	Recorded	2	Projectile	NW to SE	N/K	18-May, 20:25
	3-6km NE	Recorded	1	Muzzle flash		N/K	18-May, 20:25
	3-6km NE	Recorded	1	Explosion	Impact	N/K	18-May, 20:25
1	3-6km NE	Recorded	11	Explosion	Undetermined	N/K	18-May, 20:26
	3-5km NE	Recorded	1	Projectile	SSE to NNW	N/K	18-May, 20:26
	4-7km NE	Recorded	1	Projectile	NW to SE	N/K	18-May, 20:26
,	3-6km NE	Recorded	1	Muzzle flash		N/K	18-May, 20:26
	3-6km NE	Recorded	1	Explosion	Impact	N/K	18-May, 20:26
	1-3km NE	Recorded	29	Explosion	Undetermined	N/K	18-May, 20:27
,	3-6km NE	Recorded	2	Projectile	NW to SE	N/K	18-May, 20:27
,	3-6km NE	Recorded	1	Projectile	W to E	N/K	18-May, 20:27
SMM camera at				J	Undetermined.		,
entry-exit	2-4km SSE	Recorded	1	Explosion	Airburst	N/K	18-May, 23:38
checkpoint in	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	18-May, 23:50
Pyshchevyk	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	19-May, 01:37
(government-	3-5km S	Recorded	1	Projectile	W to E	N/K	19-May, 01:48
controlled,	3-5km S	Recorded	3	Projectile	E to W	N/K	19-May, 02:26
25km NE of	3-5km S	Recorded	1	Projectile	E to W	N/K	19-May, 02:27
Mariupol)	3-5km S	Recorded	5	Projectile	E to W	N/K	19-May, 03:09
, F		11111111111			In vertical		
	3-5km S	Recorded	9	Projectile	flight	N/K	19-May, 03:14
,				_ 10,00000	In vertical	- 1112	17 1.121, 00.114
	3-5km S	Recorded	13	Projectile	flight	N/K	19-May, 03:15
About 1km NW	- J D	110001000	13	110,000		Small	1, 1,10,, 03,13
of the railway	1-2km NW	Heard	5	Burst		arms	19-May, 09:38
station in		110010		20100	†	WALLED	1, 1,10,, 0,,50
Yasynuvata							
(non-							
government-							
controlled,							
16km NE of							
Donetsk)	2-3km SW	Heard	63	Shot		HMG	19-May, 10:58
Yasynuvata	2 2				1		2, 2,2,3, 10,00
Railway station							
(non-							
MUII			1	1			
government- controlled,						Small	

Donetsk)							
SE edge of	3-4km NE	Heard	1	Explosion	Undetermined	N/K	19-May, 10:14
Avdiivka	,22			F	Assessed as	Small	19-May,
(government-	2-3km SSE	Heard	24	Burst	training range	arms	10:59-11:03
controlled,	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	19-May, 11:43
17km N of							
Donetsk)	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	19-May, 11:53
About 6.5km							
NW of Donetsk							
city centre (non-							
government-	2 21cm N	Hoond	1	Evaluation	Undataminad	NI/IZ	10 May 11.20
controlled) 2km NE of	2-3km N	Heard	1	Explosion	Undetermined	N/K	19-May, 11:20
Chernenko							
(government-							
controlled,							
21km NE of						Small	
Mariupol)	1-3km E	Heard	3	Shot		arms	19-May, 10:45
Berdianske							
(government-							
controlled,							
18km E of						Small	
Mariupol)	1-2km E	Heard	6	Shot		arms	19-May, 13:45
Horlivka (non-							
government-							
controlled, 39km NE of							10 Mass
Donetsk)	8-10km SW	Heard	90	Explosion	Undetermined	N/K	19-May, 06:10-06:45
SMM camera in	6-10Kili 5 W	пеаги	90	Explosion	In vertical	IN/IX	00.10-00.43
Zolote					flight		
(government-					(assessed as		
controlled,					outside the		
60km W of					disengagement		
Luhansk)	2-4km S	Recorded	1	Burst	area)	N/K	19-May, 03:05
N edge of							18-May,
Popasna	3-6km SE	Heard	75	Burst		HMG	19:57-20:10
(government-							
controlled,							10.34
69km W of	3-6km SE	Heard	20	Shot		HMG	18-May, 19:57-20:10
Luhansk) E edge of	3-0KIII SE	неага	20	Snot		HMG	19:57-20:10
Stanytsia							
Luhanska							
(government-							
controlled,							
16km NE of							
Luhansk)	5-6km SW	Heard	1	Explosion	Undetermined	N/K	20-May, 03:21
SW edge of	<u> </u>						
Zhovte (non-							
government-							
controlled,							
17km NW of	2-3km	, ,	_	F 1 .	TT 1.	NI/IZ	20.14 10.20
Luhansk)	NNW	Heard	2	Explosion	Undetermined	N/K	20-May, 10:28
N edge of the					Undetermined (assessed as		
Zolote disengagement					(assessed as outside the		
area					disengagement		20-May,
(government-	2-3km E	Heard	8	Explosion	area)	N/K	10:32-10:33
controlled,		110010			Undetermined		10.02 10.00
60km W of					(assessed as		
Luhansk)					outside the		
					disengagement		20-May,
	100m ESE	Heard	2	Explosion	area)	N/K	10:32-10:33
NT - 1 C				<u> </u>	Undetermined		
N edge of							
Zolote (government-	1-2km ESE	Heard	23	Explosion	(assessed as outside the	N/K	20-May, 10:38-10:55

controlled, 60km W of					disengagement area)		
Luhansk) 3km NE of Pervomaisk (non- government- controlled,	1-3km NNW	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	20-May, 10:55-10:59
58km W of Luhansk)	1-2km N	Heard	5	Shot	Assessed as outside the disengagement area	HMG	20-May, 10:55-10:59
Molodizhne (non-	1-1.5km NNW	Heard	2	Explosion	Undetermined	N/K	20-May, 12:56-13:02
government- controlled, 63km NW of Luhansk)	1-1.5km N	Heard	5	Shot		HMG	20-May, 12:56-13:02
N edge of Kalynove- Borshchuvate (non- government-							
controlled, 61km W of Luhansk)	3-5km NW	Heard	1	Explosion	Undetermined	N/K	20-May, 13:16-13:32

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).