Table of ceasefire violations as of 17 July 2019¹

	Event						
SMM position	location	Means	No.	Observation	Description	Weapon	Date, time
Sivily position	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	16-Jul, 21:27
	2-4km SSE	Recorded	3	Explosion	Undetermined	N/K	16-Jul, 21:28
	2-4km SSE	Recorded	6	Projectile	ENE to WSW	N/K	16-Jul, 21:44
	3-2km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Jul, 21:46
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	16-Jul, 21:47
	2-4km SSE	Recorded	3	Projectile	WSW to ENE	N/K	16-Jul, 21:47
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-Jul, 21:51
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	16-Jul, 21:51
	2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	16-Jul, 21:52
	2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-Jul, 21:52
	3-5km SSE	Recorded	7	Projectile	NNE to SSW	N/K	16-Jul, 21:54
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-Jul, 21:54
	3-5km SSE	Recorded	2	Projectile	WSW to ENE	N/K	16-Jul, 22:06
SMM camera in	3-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	16-Jul, 22:10
Chermalyk	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-Jul, 22:13
(government-				Illumination	Also recorded by		
controlled, 31km	9-12km S	Recorded	1	flare	Pyshchevyk camera	N/K	16-Jul, 22:40
NE of Mariupol)					Undetermined, also		
• /					recorded by		
	0.101	D 1.1			Pyshchevyk and	3.1/17	16 7 1 22 12
	9-12km S	Recorded	1	Explosion	Lomakyne cameras	N/K	16-Jul, 23:13
	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	16-Jul, 23:13
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	16-Jul, 23:42
	3-5km SSE	Recorded	13	Projectile	WSW to ENE	N/K	16-Jul, 23:54
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	16-Jul, 23:55
	2-4km SE	Recorded	7	Projectile	In vertical flight	N/K	16-Jul, 23:57
	2-4km SE	Recorded	1	Projectile	In vertical flight Undetermined, also	N/K	16-Jul, 23:58
					recorded by		
	9-12km S	Recorded	1	Explosion	Pyshchevyk camera	N/K	17-Jul, 00:46
	2-4km SSE	Recorded	9	Projectile	ENE to WSW	N/K	17-Jul, 01:57
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	17-Jul, 01:58
SMM camera at	Z IKIII OOL	recorded		Trojectiic	ENE to WSW	11/12	17 341, 01.30
Donetsk							
Filtration Station							
(15km N of							
Donetsk)	0.5-1km S	Recorded	1	Projectile	ENE to WSW	N/K	16-Jul, 21:52
SMM camera							
1.5km NE of							
Hnutove							
(government-							
controlled, 20km							
NE of Mariupol)	1-3km ENE	Recorded	1	Projectile	S to N	N/K	16-Jul, 21:16
					SW to NE (also		
	2 Alems CE	Dage - de d		Drainatile	recorded by Marinka	NI/IZ	16 Jul 22.56
SMM camera in	2-4km SE	Recorded	2	Projectile	camera) W to E (also	N/K	16-Jul, 23:56
Krasnohorivka					recorded by Marinka		
(government-	2-4km SE	Recorded	1	Projectile	camera)	N/K	17-Jul, 00:36
controlled, 21km	2-4KIII SE	Recolded	1	riojectile	Undetermined, also	1N/ IX	1 /-Jul, 00.30
W of Donetsk)					recorded by Marinka		
					camera, subsequent		
	2-4km SE	Recorded	1	Explosion	to previous event	N/K	17-Jul, 00:36
	OL	recorded			pro-1000 01011	1,1,12	- , , , , , , , , , , , , , , , , , , ,

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.

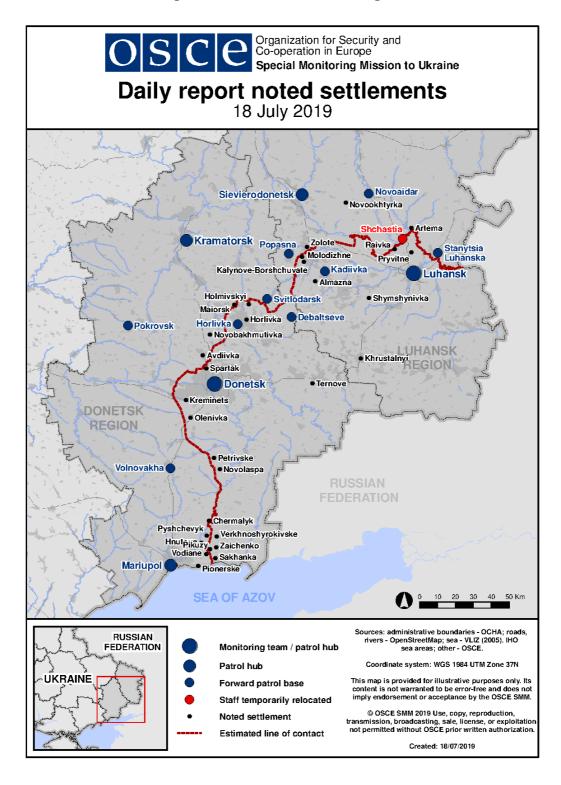
					Undetermined, also		
SMM camera E					recorded by		
of Lomakyne	2-4km NE	Recorded	1	Explosion	Pyshchevyk camera	N/K	16-Jul, 21:30
(government-					Undetermined, also		
controlled, 15km					recorded by		
NE of Mariupol)	2.41 ENE	D 1.1	1	Б 1 .	Pyshchevyk and	NI/IZ	16 1 1 22 12
	2-4km ENE	Recorded	1	Explosion	Chermalyk cameras	N/K	16-Jul, 23:13
	1-3km NNE	Recorded Recorded	1	Projectile	SSE to NNW	N/K	16-Jul, 23:04
	1-3km NNE		2	Projectile	W to E	N/K	16-Jul, 23:39
	1-3km NNE	Recorded		Projectile	SE to NW	N/K	16-Jul, 23:56
					SW to NE (also recorded by		
SMM camera at					Krasnohorivka		
entry-exit	1-3km NNE	Recorded	2	Projectile	camera)	N/K	16-Jul, 23:56
checkpoint in	1-3KIII ININE	Recorded		Trojectiic	W to E (also	IV/IX	10-341, 23.30
Marinka					recorded by		
(government-					Krasnohoriyka		
controlled, 23km	1-3km NNE	Recorded	1	Projectile	camera)	N/K	17-Jul, 00:36
SW of Donetsk)	1 Skill IVIVE	recoraca	- 1	Trojectiie	Undetermined,	14/12	17 541, 00.50
2 01 = 01101011)					subsequent to		
					previous event, also		
					recorded by		
					Krasnohorivka		
	1-3km NNE	Recorded	1	Explosion	camera	N/K	17-Jul, 00:36
				•	Undetermined, also		
					recorded by		
	2-4km SSE	Recorded	1	Explosion	Lomakyne camera	N/K	16-Jul, 21:30
	2-4km SSE	Recorded	1	Muzzle flash		N/K	16-Jul, 21:34
	2-4km SSE	Recorded	1	Projectile	In vertical flight	N/K	16-Jul, 21:34
	2-4km S	Recorded	2	Projectile	ENE to WSW	N/K	16-Jul, 21:50
	2-4km S	Recorded	1	Projectile	W to E	N/K	16-Jul, 21:50
	2-4km S	Recorded	1	Projectile	ENE to WSW	N/K	16-Jul, 21:56
	2-4km SSE	Recorded	6	Projectile	W to E	N/K	16-Jul, 22:36
	2-4km SSE	Recorded	2	Projectile	NNW to SSE	N/K	16-Jul, 22:36
	2-4km SSE	Recorded	6	Projectile	W to E	N/K	16-Jul, 22:38
	2-4km SSE	Recorded	5	Projectile	W to E	N/K	16-Jul, 22:39
	2-4km SSE	Recorded	3	Muzzle flash		N/K	16-Jul, 22:39
				Illumination	Also recorded by		
	2-4km S	Recorded	1	flare	Chermalyk camera	N/K	16-Jul, 22:40
	2-4km SSE	Recorded	2	Projectile	W to E	N/K	16-Jul, 22:40
SMM camera at	2-4km S	Recorded	1	Projectile	ENE to WSW	N/K	16-Jul, 23:02
entry-exit					Undetermined, also		
checkpoint in					recorded by		
Pyshchevyk					Chermalyk and		
(government-	3-5km S	Recorded	1	Explosion	Lomakyne cameras	N/K	16-Jul, 23:13
controlled, 25km	3-5km S	Recorded	14	Projectile	ENE to WSW	N/K	16-Jul, 23:13
NE of Mariupol)	3-5km S	Recorded	3	Projectile	ENE to WSW	N/K	16-Jul, 23:29
	3-5km SSE	Recorded	6	Projectile	W to E	N/K	16-Jul, 23:30
	3-5km SSE	Recorded	1	Projectile	In vertical flight	N/K	16-Jul, 23:30
	3-5km SSE	Recorded	7	Projectile	W to E	N/K	16-Jul, 23:54
	3-5km SSE	Recorded	8	Projectile	W to E	N/K	16-Jul, 23:58
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	17-Jul, 00:36
					Undetermined, also		
					recorded by		
	3-5km S	Recorded	1	Explosion	Chermalyk camera	N/K	17-Jul, 00:46
	3-5km S	Recorded	1	Projectile	ENE to WSW	N/K	17-Jul, 00:46
	3-5km S	Recorded	1	Muzzle flash		N/K	17-Jul, 00:46
	3-5km S	Recorded	2	Explosion	Undetermined	N/K	17-Jul, 00:57
	2-4km S	Recorded	4	Projectile	W to E	N/K	17-Jul, 02:38
	2-4km S	Recorded	1	Projectile	W to E	N/K	17-Jul, 02:39
	2-4km S	Recorded	4	Projectile	W to E	N/K	17-Jul, 02:46
	2-4km S	Recorded	8	Projectile	W to E	N/K	17-Jul, 02:54
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	17-Jul, 03:14
SMM camera]	
1km SW of	1-3km NE	Recorded	1	Projectile	In vertical flight	N/K	17-Jul, 02:18

Shyrokyne							
(government- controlled, 20km							
E of Mariupol) Krasnohoriyka	2-3km E	Heard	1	Explosion	Undetermined	N/K	17-Jul, 12:33
(government- controlled, 21km		Ticara			Chacterininea		17-341, 12.33
W of Donetsk)	2-3km E	Heard	1	Explosion	Undetermined	N/K	17-Jul, 13:01
About 1km E of Kruta Balka (non-							
government- controlled, 16km N of Donetsk)	3-5km SW	Heard	1	Explosion	Undetermined	N/K	17-Jul, 12:02
of railway station	2km SW	Heard	2	Shot		Small	17 Jul 00:53
in Yasynuvata	2km SW	Heard	1	Explosion	Undetermined	arms N/K	17-Jul, 09:53 17-Jul, 13:10
(non-	ZKIII S V	Tituru	-	Expression	Ondetermined	1 1/12	17 341, 13.10
government- controlled, 16km NE of Donetsk)	2-3km SW	Heard	3	Shot		Small arms	17-Jul, 14:30-14:45
SE edge of Avdiivka (government-							
controlled, 17km						Small	
N of Donetsk)	1-2km SE	Heard	3	Burst	Undetermined	arms	17-Jul, 11:20
5km N of Bezimenne (non- government- controlled, 30km							
E of Mariupol)	N/K N	Heard	1	Explosion	Undetermined	N/K	17-Jul, 12:30
2km SSW of				r			, , , , , , , , , , , , , , , , , , , ,
Pyshchevyk (government- controlled, 25km							
NE of Mariupol)	N/K NE	Heard	5	Explosion	Undetermined	N/K	17-Jul, 09:43
About 3km NNE of Hnutove (government- controlled, 20km						Small	
NE of Mariupol)	2km ENE	Heard	1	Burst	Undetermined	arms	17-Jul, 10:44
						Small	
	2-3km SW	Heard	5	Burst		arms	17-Jul, 09:19
Novoluhanske	2-3km SW N/K SW	Heard	2	Explosion Explosion	Undetermined Undetermined	N/K N/K	17-Jul, 09:20 17-Jul, 09:24
(government- controlled, 53km	2-3km SW	Heard Heard	3	Burst	Undetermined	HMG	17-Jul, 09:30
NE of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	17-Jul, 09:32
,							17-Jul,
	2-3km SW	Heard	11	Explosion	Undetermined	N/K	10:30-10:37
About 500m NE	2 21 CW	TT 1	1.4	GI 4		Small	17-Jul,
of Kamianka	2-3km SW	Heard	14	Shot		arms Small	11:45-11:46 17-Jul,
(government- controlled, 20km	2-3km SW	Heard	16	Shot		arms	11:50-11:51
N of Donetsk)	5-6km SSE	Heard	1	Explosion	Undetermined	N/K	17-Jul, 13:12
Horlivka (non- government-							
controlled, 39km	2.21cm NW	Heard	10	Burst		HMG	17-Jul, 10:35-10:37
NE of Donetsk) Maiorsk	2-3km NW	псан	10	Duist		DIVID	10.55-10.57
(government- controlled, 45km NE of Donetsk)	1-2km N	Heard and saw	1	Explosion	Undetermined	N/K	17-Jul, 15:34
SMM camera in Zolote (government-			_		WNW to ESE (assessed as outside the disengagement		
controlled, 60km	3-5km ENE	Recorded	8	Projectile	area)	N/K	16-Jul, 21:26

W of Luhansk)	7	1 1			WNW to ESE	1	1
W Of Luffallsk)					(assessed as outside		
					the disengagement		
	3-5km ENE	Recorded	5	Projectile	area)	N/K	16-Jul, 21:27
					WNW to ESE		
					(assessed as outside the disengagement		
	3-5km ENE	Recorded	1	Projectile	area)	N/K	16-Jul, 21:37
	3 01111 21 (2	110001404	-	Trojectire	WNW to ESE	1 1/12	10 041, 21.57
					(assessed as outside		
					the disengagement		
	3-5km ENE	Recorded	1	Projectile	area)	N/K	16-Jul, 23:25
					SW to NE (assessed as outside the		
	3-5km ESE	Recorded	1	Projectile	disengagement area)	N/K	16-Jul, 23:34
	5 JAME EGE	recorded		Trojectiie	WNW to ESE	11/11	10 041, 23.31
					(assessed as outside		
					the disengagement		
	3-5km ENE	Recorded	3	Projectile	area)	N/K	16-Jul, 23:34
					NW to SE (assessed as outside the		
	3.5-5km E	Recorded	3	Projectile	disengagement area)	N/K	17-Jul, 00:38
	J.J-JKIII E	Recoluct	3	riojectiie	WNW to ESE	1 1/ 14	17-341, 00.36
					(assessed as outside		
					the disengagement		
	3-5km ENE	Recorded	5	Projectile	area)	N/K	17-Jul, 01:20
					WNW to ESE		
					(assessed as outside		
	3-5km ENE	Recorded	2	Projectile	the disengagement area)	N/K	17-Jul, 01:51
	3-3KIII EINE	Recorded		Trojectile	WNW to ESE	IN/IX	17-341, 01.31
					(assessed as outside		
					the disengagement		
	3-5km ENE	Recorded	1	Projectile	area)	N/K	17-Jul, 03:52
					Assessed as outside		16.1.1
	5-7km ESE	Heard	22	Burst	the disengagement area	HMG	16-Jul, 19:00-19:40
	3-7KIII ESE	Tieatu		Duist	Assessed as outside	TIMO	19.00-19.40
					the disengagement	Small	16-Jul,
N edge of	5-7km ESE	Heard	12	Shot	area	arms	19:00-19:40
Popasna					Undetermined		
(government-					(assessed as outside		16.7.1
controlled, 69km	5-7km ESE	Heard	1	Explosion	the disengagement area)	N/K	16-Jul, 20:05-20:25
W of Luhansk)	3-7KIII ESE	Tieatu	1	Explosion	Assessed as outside	11/10	20.03-20.23
					the disengagement		16-Jul,
	5-7km ESE	Heard	2	Burst	area	HMG	20:05-20:25
					Assessed as outside		
	5.51 POP		2	gi .	the disengagement	Small	16-Jul,
1.1km NNE of	5-7km ESE	Heard	3	Shot	area	arms	20:05-20:25 17-Jul,
Kalynove-	2-3km W	Heard	11	Burst		HMG	1/-Jul, 10:01-10:09
Borshchuvate	2 3 8 111 11	110010	11	Darst		111/10	10.01 10.07
non-government-							
controlled, 61km							17-Jul,
W of Luhansk)	2-3km W	Heard	6	Shot		HMG	10:01-10:09
Kalynove (non-					I Indot		
government- controlled, 60km	6-10km				Undetermined (assessed as likely		
W of Luhansk)	WNW	Heard	1	Explosion	demining activity)	N/K	17-Jul, 10:28
About 2km NE					attivity)		2. 34., 10.20
of Novozvanivka							
(government-							
controlled, 70km	2.61 NE	111	•	E ala i	II. 1.4	NI/IZ	17-Jul,
W of Luhansk) 1.7km SW of	3-6km NE 2-3km S	Heard	3 2	Explosion Explosion	Undetermined Undetermined	N/K	10:37-10:40 17-Jul,
1./KIII 5 W 01	Z-SKIII S	Heard		Explosion	Ondetermined	N/K	1 / - Jui,

Molodizhne							10:27-10:32
(non- government-	1-2km SSW	Heard	2	Explosion	Undetermined	N/K	17-Jul, 10:27-10:32
controlled, 63km NW of Luhansk)	1-2km NW	Heard	4	Burst		HMG	17-Jul, 10:27-10:32
	1-2km E	Heard	19	Burst	Assessed as live-fire exercise	Small arms	17-Jul, 11:55-12:10
Almazna (non- government-	1-2km E	Heard	9	Shot	Assessed as live-fire exercise	Small arms	17-Jul, 11:55-12:10
controlled, 55km W of Luhansk)	1-2km E	Heard	11	Explosion	Undetermined (assessed as live-fire exercise)	N/K	17-Jul, 11:55-12:10
W edge of Pervomaisk (non- government- controlled, 58km							17-Jul,
W of Luhansk)	3-5km SW	Heard	6	Explosion	Undetermined	N/K	14:14-14:25
N edge of Zolote (government- controlled, 60km					Assessed as inside the disengagement		
W of Luhansk)	4-6km SSW	Heard	1	Explosion	area near Zolote	N/K	17-Jul, 10:40

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).