

**Table of ceasefire violations as of 17 July 2019<sup>1</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	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
	3-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	16-Jul, 22:10
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-Jul, 22:13
	9-12km S	Recorded	1	Illumination flare	Also recorded by Pyshevyk camera	N/K	16-Jul, 22:40
	9-12km S	Recorded	1	Explosion	Undetermined, also recorded by Pyshevyk and 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	N/K	16-Jul, 23:58
9-12km S	Recorded	1	Explosion	Undetermined, also recorded by Pyshevyk 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 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
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km SE	Recorded	2	Projectile	SW to NE (also recorded by Marinka camera)	N/K	16-Jul, 23:56
	2-4km SE	Recorded	1	Projectile	W to E (also recorded by Marinka camera)	N/K	17-Jul, 00:36
	2-4km SE	Recorded	1	Explosion	Undetermined, also recorded by Marinka camera, subsequent to previous event	N/K	17-Jul, 00:36

<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.

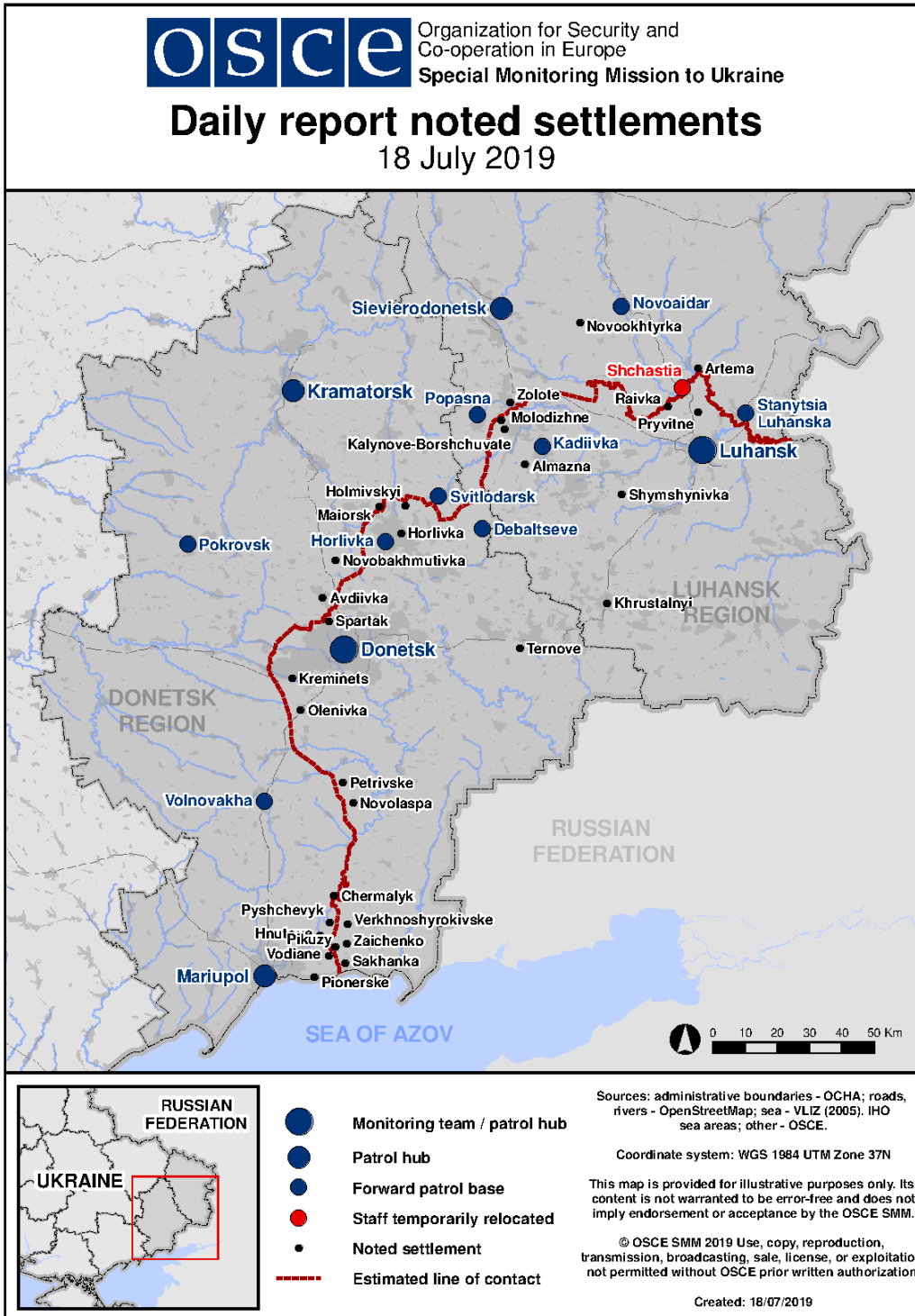
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km NE	Recorded	1	Explosion	Undetermined, also recorded by Pyshchevyk camera	N/K	16-Jul, 21:30
	2-4km ENE	Recorded	1	Explosion	Undetermined, also recorded by Pyshchevyk and Chermalyk cameras	N/K	16-Jul, 23:13
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-3km NNE	Recorded	1	Projectile	SSE to NNW	N/K	16-Jul, 23:04
	1-3km NNE	Recorded	2	Projectile	W to E	N/K	16-Jul, 23:39
	1-3km NNE	Recorded	2	Projectile	SE to NW	N/K	16-Jul, 23:56
	1-3km NNE	Recorded	2	Projectile	SW to NE (also recorded by Krasnohorivka camera)	N/K	16-Jul, 23:56
	1-3km NNE	Recorded	1	Projectile	W to E (also recorded by Krasnohorivka camera)	N/K	17-Jul, 00:36
	1-3km NNE	Recorded	1	Explosion	Undetermined, subsequent to previous event, also recorded by Krasnohorivka camera	N/K	17-Jul, 00:36
	SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-4km SSE	Recorded	1	Explosion	Undetermined, also recorded by Lomakyne camera	N/K
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
2-4km S		Recorded	1	Illumination flare	Also recorded by Chermalyk camera	N/K	16-Jul, 22:40
2-4km SSE		Recorded	2	Projectile	W to E	N/K	16-Jul, 22:40
2-4km S		Recorded	1	Projectile	ENE to WSW	N/K	16-Jul, 23:02
3-5km S		Recorded	1	Explosion	Undetermined, also recorded by Chermalyk and Lomakyne cameras	N/K	16-Jul, 23:13
3-5km S		Recorded	14	Projectile	ENE to WSW	N/K	16-Jul, 23:13
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
3-5km S		Recorded	1	Explosion	Undetermined, also recorded by 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)							
Krasnohorivka (government-controlled, 21km W of Donetsk)	2-3km E	Heard	1	Explosion	Undetermined	N/K	17-Jul, 12:33
	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
About 1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km SW	Heard	2	Shot		Small arms	17-Jul, 09:53
	2km SW	Heard	1	Explosion	Undetermined	N/K	17-Jul, 13:10
	2-3km SW	Heard	3	Shot		Small arms	17-Jul, 14:30-14:45
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km SE	Heard	3	Burst	Undetermined	Small 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 Pyshevyk (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 NE of Mariupol)	2km ENE	Heard	1	Burst	Undetermined	Small arms	17-Jul, 10:44
Novoluhanske (government-controlled, 53km NE of Donetsk)	2-3km SW	Heard	5	Burst		Small arms	17-Jul, 09:19
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	17-Jul, 09:20
	N/K SW	Heard	2	Explosion	Undetermined	N/K	17-Jul, 09:24
	2-3km SW	Heard	3	Burst		HMG	17-Jul, 09:30
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	17-Jul, 09:32
	2-3km SW	Heard	11	Explosion	Undetermined	N/K	17-Jul, 10:30-10:37
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km SW	Heard	14	Shot		Small arms	17-Jul, 11:45-11:46
	2-3km SW	Heard	16	Shot		Small arms	17-Jul, 11:50-11:51
	5-6km SSE	Heard	1	Explosion	Undetermined	N/K	17-Jul, 13:12
Horlivka (non-government-controlled, 39km NE of Donetsk)	2-3km NW	Heard	10	Burst		HMG	17-Jul, 10:35-10:37
Maiorsk (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-controlled, 60km	3-5km ENE	Recorded	8	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	16-Jul, 21:26

W of Luhansk)	3-5km ENE	Recorded	5	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	16-Jul, 21:27
	3-5km ENE	Recorded	1	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	16-Jul, 21:37
	3-5km ENE	Recorded	1	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	16-Jul, 23:25
	3-5km ESE	Recorded	1	Projectile	SW to NE (assessed as outside the disengagement area)	N/K	16-Jul, 23:34
	3-5km ENE	Recorded	3	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	16-Jul, 23:34
	3.5-5km E	Recorded	3	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	17-Jul, 00:38
	3-5km ENE	Recorded	5	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	17-Jul, 01:20
	3-5km ENE	Recorded	2	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	17-Jul, 01:51
	3-5km ENE	Recorded	1	Projectile	WNW to ESE (assessed as outside the disengagement area)	N/K	17-Jul, 03:52
	N edge of Popasna (government-controlled, 69km W of Luhansk)	5-7km ESE	Heard	22	Burst	Assessed as outside the disengagement area	HMG
5-7km ESE		Heard	12	Shot	Assessed as outside the disengagement area	Small arms	16-Jul, 19:00-19:40
5-7km ESE		Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	16-Jul, 20:05-20:25
5-7km ESE		Heard	2	Burst	Assessed as outside the disengagement area	HMG	16-Jul, 20:05-20:25
5-7km ESE		Heard	3	Shot	Assessed as outside the disengagement area	Small arms	16-Jul, 20:05-20:25
1.1km NNE of Kalynove-Borshchuvate non-government-controlled, 61km W of Luhansk)	2-3km W	Heard	11	Burst		HMG	17-Jul, 10:01-10:09
	2-3km W	Heard	6	Shot		HMG	17-Jul, 10:01-10:09
Kalynove (non-government-controlled, 60km W of Luhansk)	6-10km WNW	Heard	1	Explosion	Undetermined (assessed as likely demining activity)	N/K	17-Jul, 10:28
About 2km NE of Novozvanivka (government-controlled, 70km W of Luhansk)	3-6km NE	Heard	3	Explosion	Undetermined	N/K	17-Jul, 10:37-10:40
1.7km SW of	2-3km S	Heard	2	Explosion	Undetermined	N/K	17-Jul,

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

## 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).