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

SMM position	<b>Event location</b>	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove	2702101000000	1,104115	1100	0 2001 (441011	2 050112011	,, cupon	2 400, 01110
(government-controlled, 31km	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 22:47
SW of Donetsk)				1			, , , , , ,
2 22 = 2.22	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 21:21
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 22:01
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	16-Jun, 22:02
	4-6km SSE	Recorded	3	Projectile	ENE to WSW	N/K	16-Jun, 22:03
	4-6km S	Recorded	6	Projectile	ENE to WSW	N/K	16-Jun, 22:05
	4-6km S	Recorded	8	Projectile	ENE to WSW	N/K	16-Jun, 22:06
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	16-Jun, 22:07
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 22:08
	4-6km SSE	Recorded	1	Muzzle flash		N/K	16-Jun, 22:08
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	16-Jun, 22:08
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 22:14
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	16-Jun, 22:18
	4-7km S	Recorded	2	Projectile	In vertical flight	N/K	16-Jun, 22:19
	4-7km S	Recorded	1	Muzzle flash		N/K	16-Jun, 22:19
	4-7km SSE	Recorded	1	Muzzle flash		N/K	16-Jun, 22:19
	4-7km S	Recorded	1	Projectile	ENE to WSW	N/K	16-Jun, 22:19
	3-5km SSE	Recorded	1	Explosion	Impact	N/K	16-Jun, 22:22
SMM camera in Chermalyk	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	16-Jun, 22:22
(government-controlled, 31km	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	16-Jun, 22:25
NE of Mariupol)	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 22:28
	4-6km SSE	Recorded	6	Projectile	ENE to WSW	N/K	16-Jun, 22:29
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	16-Jun, 22:31
	4-6km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-Jun, 22:45
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 22:45
	5-7km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 22:50
	4-6km S	Recorded	2	Explosion	Undetermined	N/K	16-Jun, 22:55
	4-6km S	Recorded	1	Projectile	NE to SW	N/K	16-Jun, 22:55
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	16-Jun, 23:14
	4-6km SSE	Recorded	1	Projectile	NW to SE	N/K	16-Jun, 23:30
	4-6km SSE	Recorded	2	Projectile	WSW to ENE	N/K	16-Jun, 23:36
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	16-Jun, 23:47
	3-5km SSE	Recorded	2	Projectile	N to S	N/K	17-Jun, 00:31
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	17-Jun, 00:35
	8-12km SSE	Recorded	5	Projectile	N to S	N/K	17-Jun, 00:35
	3-5km SSE	Recorded	1	Muzzle flash	2	N/K	17-Jun, 00:35
	2-7km SSW	Recorded	1	Projectile	WSW to ENE	N/K	17-Jun, 02:24
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km S	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 21:35
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 21:38
			-	Illumination			·
	2-3km SSW	Recorded	1	flare	W to E	N/K	16-Jun, 22:04
		_		Illumination			
	2-3km SSW	Recorded	1	flare	W to E	N/K	16-Jun, 23:45
SMM camera 1.5km NE of Hnutove (government- controlled, 20km NE of Mariupol)	3-6km ESE	Recorded	31	Projectile	N to S	N/K	16-Jun, 22:06
	3-6km ENE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 22:14
	3-6km E	Recorded	4	Projectile	In vertical flight	N/K	16-Jun, 22:15
	3-6km ENE	Recorded	14	Projectile	N to S	N/K	16-Jun, 22:16
	3-6km ENE	Recorded	30	Projectile	N to S	N/K	16-Jun, 22:18
	3-6km ESE	Recorded	3	Projectile	S to N	N/K	16-Jun, 22:25
	3-6km ENE	Recorded	1	Projectile	N to S	N/K	16-Jun, 22:40
	U UMM ENTE	110001000		110,000110	100	2.//12	-0 0000, 22.10

-

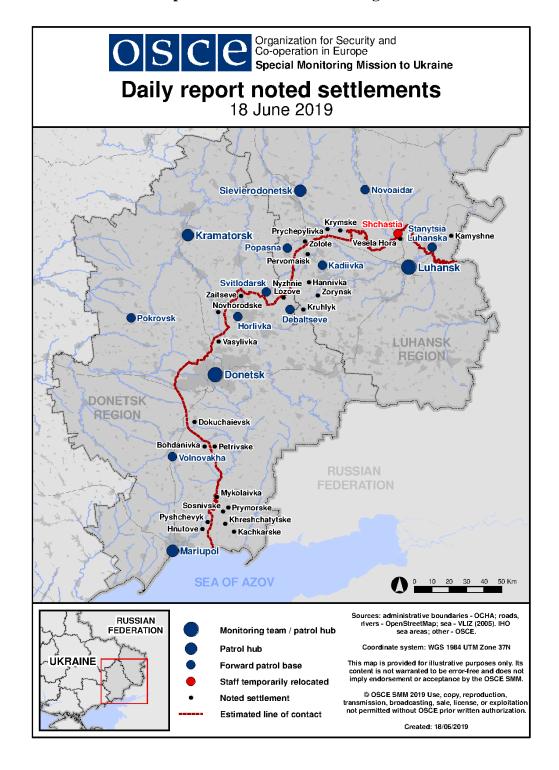
<sup>&</sup>lt;sup>1</sup> The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided 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	3-6km ENE	Recorded	4	Projectile	N to S	N/K	16-Jun, 22:41
	3-6km ENE	Recorded	1	Projectile	S to N	N/K	16-Jun, 22:45
	3-6km ENE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 22:45
	3-6km ENE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 22:50
	3-6km ESE	Recorded	13	Projectile	N to S	N/K	16-Jun, 22:54
	3-6km ESE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 22:54
	3-6km ENE	Recorded	1	Projectile	N to S	N/K	16-Jun, 23:03
	3-6km ENE	Recorded	1	Projectile	N to S	N/K	16-Jun, 23:14
	3-6km ENE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 23:27
	3-6km ENE	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 23:29
	3-6km ENE	Recorded	1	Projectile	WNW to ESE	N/K	16-Jun, 23:47
	3-6km ESE	Recorded	32	Projectile	NNW to SSE	N/K	17-Jun, 00:09
	3-6km ESE	Recorded	1	Explosion	Undetermined	N/K	17-Jun, 00:09
	3-6km ENE	Recorded	2	Projectile	NNW to SSE	N/K	17-Jun, 00:10
	3-6km ENE	Recorded	1	Projectile	In vertical flight	N/K	17-Jun, 00:31
	3-6km ENE	Recorded	1	Explosion	Undetermined	N/K	17-Jun, 00:31
	3-6km ENE	Recorded	2	Projectile	N to S	N/K	17-Jun, 00:31
	3-6km ESE	Recorded	25	Projectile	NW to SE	N/K	17-Jun, 00:35
	3-6km E	Recorded	2	Explosion	Undetermined	N/K	17-Jun, 00:35
	3-6km ESE	Recorded	4	Projectile	NNW to SSE	N/K	17-Jun, 00:36
	3-6km ENE	Recorded	6	Projectile	N to S	N/K	17-Jun, 00:46
	3-6km E	Recorded	3	Projectile	NNW to SSE	N/K	17-Jun, 00:47
	3-6km ENE	Recorded	4	Projectile	NW to SE	N/K	17-Jun, 00:47
	3-6km ENE	Recorded	3	Projectile	NW to SE	N/K	17-Jun, 01:00
SMM camera in Hranitne	2-7km ENE	Recorded	1	Explosion	Airburst	N/K	16-Jun, 22:48
(government-controlled, 60km			-				,
S of Donetsk)	2-7km ENE	Recorded	1	Explosion	Airburst	N/K	16-Jun, 23:15
SMM camera E of Lomakyne	4-6km ENE	Recorded	1	Projectile	NW to SE	N/K	17-Jun, 02:24
(government-controlled, 15km NE of Mariupol)	4-6km ENE	Recorded	1	Explosion	Impact	N/K	17-Jun, 02:24
SMM camera at entry-exit	3-6km ESE	Recorded	1	Explosion	Airburst	N/K	16-Jun, 23:10
checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-6km ESE	Recorded	1	Explosion	Airburst	N/K	16-Jun, 22:14
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	16-Jun, 21:20
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	16-Jun, 21:21
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 21:24
SMM camera at entry-exit	1-2km S	Recorded	1	Explosion	Undetermined	N/K	16-Jun, 21:27
checkpoint in Pyshchevyk	2-3km SSE	Recorded	13	Projectile	E to W	N/K	16-Jun, 22:05
(government-controlled, 25km	2-3km SSE	Recorded	9	Projectile	W to E	N/K	16-Jun, 22:15
NE of Mariupol)	2-3km SSE	Recorded	26	Projectile	E to W	N/K	16-Jun, 22:19
	2-3km SSE	Recorded	18	Projectile	E to W	N/K	16-Jun, 22:54
	2-3km SSE	Recorded	34	Projectile	E to W	N/K	17-Jun, 00:35
	2-3km SSE	Recorded	1	Explosion	Undetermined	N/K	17-Jun, 00:35
SMM camera 1km SW of	3-5km NE	Recorded	3	Projectile	ESE to WNW	N/K	17-Jun, 00:16
Shyrokyne (government- controlled, 20km E of Mariupol)	3-5km NE	Recorded	2	Projectile	SE to NW	N/K	17-Jun, 00:20
About 1.3km S of Donetsk city	4-5km NNW	Heard	25	Explosion	Undetermined	N/K	16-Jun, 21:20- 21:40
centre (non-government- controlled)	4-5km NNW	Heard	40	Shot		HMG	16-Jun, 21:20- 21:40
Donetsk central railway station (non-government-controlled, 6km NW of Donetsk city centre)	1-2km NNE	Heard	3	Burst		HMG	17-Jun, 09:50
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km SE	Heard	10	Explosion	Undetermined	N/K	17-Jun, 10:28- 10:36
S edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	1	Explosion	Undetermined	N/K	17-Jun, 14:55
Oleksandrivka (non- government-controlled, 20km	2-4km WNW	Heard	7	Burst		Small arms	17-Jun, 13:14
SW of Donetsk)	2-3km WNW	Heard	4	Burst		Small	17-Jun, 13:15
·		-10010			L		1

						arms	
About 1km NW of the railway station in Yasynuvata (non- government-controlled, 16km NE of Donetsk)	3-5km SW	Heard	1	Burst		HMG	17-Jun, 14:10
Lebedynske (government- controlled, 16km NE of Mariupol)	2-3km NE	Heard	3	Burst		Small arms	17-Jun, 13:01- 13:03
Horlivka (non-government- controlled, 39km NE of Donetsk)	3-5km NNW	Heard	2	Explosion	Undetermined	N/K	16-Jun, 19:57
Svitlodarsk (government-	5-6km SW	Heard	1	Explosion	Undetermined	N/K	16-Jun, 22:18
controlled, 57km NE of	5-7km SSW	Heard	2	Explosion	Undetermined	N/K	16-Jun, 23:16 16-Jun, 23:23-
Donetsk)	5-7km NNE	Heard	5	Explosion	Undetermined	N/K	23:25
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	4-5km SE	Heard	2	Explosion	Undetermined	N/K	17-Jun, 09:42
SMM camera on N edge of	3-5km ESE	Recorded	20	Projectile	SSW to NNE	N/K	17-Jun, 02:24
Popasna (government- controlled, 69km W of Luhansk)	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	17-Jun, 02:24
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1-1.5km ESE	Recorded	1	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	17-Jun, 01:14
SMM camera at Prince Ihor Monument SE of Stanytsia Luhanska bridge (15km NE of Luhansk)	1.5km N	Recorded	1	Muzzle flash	Assessed as inside of the disengagement area	N/K	17-Jun, 21:26
	5-7km SSE	Heard	5	Explosion	Undetermined	N/K	16-Jun, 21:20- 21:30
	3-5km SSE	Heard	18	Explosion	Undetermined	N/K	16-Jun, 23:16- 23:40
	3-5km SSE	Heard	43	Burst		HMG	16-Jun, 23:16- 23:40
	3-5km SSE	Heard	5	Explosion	Undetermined	N/K	17-Jun, 00:40- 01:00
	3-5km SSE	Heard	25	Burst		HMG	17-Jun, 00:40- 01:00
	3-5km SSE	Heard	5	Explosion	Undetermined	N/K	17-Jun, 01:40- 01:55
	3-5km SSE	Heard	10	Burst		AGL	17-Jun, 01:40- 01:55
N. 1. CD	3-5km SE	Heard	25	Explosion	Undetermined	N/K	17-Jun, 02:00- 02:15
N edge of Popasna (government-controlled, 69km	3-5km SE	Heard	40	Burst		HMG	17-Jun, 02:00- 02:15
W of Luhansk)	2-5km SE	Heard	17	Explosion	Undetermined	N/K	17-Jun, 02:30- 03:40
	2-5km SE	Heard	135	Burst		HMG	17-Jun, 02:30- 03:40
	2-5km SE	Heard	4	Explosion	Undetermined	N/K	17-Jun, 04:15- 04:25
	4-6km SE	Heard	4	Explosion	Undetermined	N/K	17-Jun, 06:18- 06:25
	4-6km SE	Heard	3	Burst		HMG	17-Jun, 06:18- 06:25
	4-6km ESE	Heard	167	Explosion	Undetermined	N/K	17-Jun, 07:21- 07:41
	4-6km ESE	Heard	15	Explosion	Undetermined	N/K	17-Jun, 07:55- 08:00
	i contract of the contract of	1			+	Small	17-Jun, 08:00-

	4-6km ESE	Heard	16	Burst		HMG	17-Jun, 08:00- 08:20
E edge of Popasna (government-controlled, 69km W of Luhansk)	1-3km E	Heard	26	Burst		Small arms	17-Jun, 09:00- 09:38
W edge of Pervomaisk (non- government-controlled, 58km W of Luhansk)	2-3km W	Heard	7	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	17-Jun, 07:53- 08:30
	2-3km WNW	Heard	43	Shot	Assessed as outside the Zolote disengagement area	Small arms	17-Jun, 07:53- 08:30
	2-3km WNW	Heard	62	Burst	Assessed as outside the Zolote disengagement area	HMG	17-Jun, 07:53- 08:30
2km NW of Hannivka (non- government-controlled, 58km W of Luhansk)	1-2km SE	Heard	140	Burst		HMG	17-Jun, 10:07- 10:25
Hannivka (non-government-controlled, 58km W of Luhansk)	1-2km N	Heard	160	Burst		HMG	17-Jun, 11:07- 11:25
SW edge of Zolote- 5/Mykhailivka (non- government-controlled, 58km W of Luhansk)	1-1.5km N	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	17-Jun, 10:40- 10:55
	1-1.5km N	Heard	4	Shot	Assessed as outside the disengagement area	Small arms	17-Jun, 10:40- 10:55
	1-1.5km N	Heard	9	Burst	Assessed as outside the disengagement area	HMG	17-Jun, 10:40- 10:55

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



2

<sup>&</sup>lt;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).