

**Table of ceasefire violations as of 16 May 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)	3-5km SSE	Recorded	7	Projectile	ENE to WSW	N/K	15-May, 21:28
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	15-May, 21:30
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	15-May, 21:31
	3-5km SSE	Recorded	5	Projectile	ENE to WSW	N/K	15-May, 21:34
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	15-May, 22:03
	3-5km SSE	Recorded	5	Projectile	ENE to WSW	N/K	15-May, 22:37
	3-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	15-May, 23:19
	3-5km SSE	Recorded	3	Projectile	ENE to WSW	N/K	15-May, 23:20
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-May, 00:09
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-May, 00:32
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-May, 00:36
	3-5km SSE	Recorded	4	Projectile	ENE to WSW	N/K	16-May, 00:47
	3-5km SSE	Recorded	3	Projectile	ENE to WSW	N/K	16-May, 01:09
	5-7km SSE	Recorded	4	Projectile	WSW to ENE	N/K	16-May, 01:32
	3-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	16-May, 01:33
	3-5km SSE	Recorded	4	Projectile	ENE to WSW	N/K	16-May, 01:35
	3-5km SE	Recorded	5	Projectile	NE to SW	N/K	16-May, 02:08
	3-5km SSE	Recorded	1	Burst	ENE to WSW	N/K	16-May, 02:12
	3-5km SE	Recorded	1	Burst	SW to NE	N/K	16-May, 02:30
	3-5km SE	Recorded	6	Explosion	Airburst	N/K	16-May, 02:32
	3-5km SSE	Recorded	3	Projectile	WSW to ENE	N/K	16-May, 02:35
	3-5km SE	Recorded	12	Projectile	SW to NE	N/K	16-May, 02:37
	3-5km SE	Recorded	4	Projectile	W to E	N/K	16-May, 02:42
	3-5km SE	Recorded	1	Projectile	W to E	N/K	16-May, 02:43
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	16-May, 02:48
	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	16-May, 03:12
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km S	Recorded	1	Projectile	WNW to ESE	N/K	15-May, 21:41
	2-4km S	Recorded	1	Projectile	In vertical flight	N/K	16-May, 01:55
	0.5-1km S	Recorded	2	Projectile	E to W	N/K	16-May, 02:08
	0.5-1km S	Recorded	1	Projectile	E to W	N/K	16-May, 02:09
	0.5-1km S	Recorded	1	Projectile	E to W	N/K	16-May, 02:17
	0.5-1km S	Recorded	6	Projectile	E to W	N/K	16-May, 03:18
	200-500m S	Recorded	4	Projectile	E to W	N/K	16-May, 03:34
	200-500m S	Recorded	2	Projectile	ESE to WNW	N/K	16-May, 03:36
	200-500m S	Recorded	1	Projectile	ENE to WSW	N/K	16-May, 03:36
	200-500m S	Recorded	1	Projectile	E to W	N/K	16-May, 03:53
	200-500m S	Recorded	1	Projectile	E to W	N/K	16-May, 03:54
	200-500m S	Recorded	1	Projectile	E to W	N/K	16-May, 03:57
	200-500m S	Recorded	1	Projectile	WNW to ESE	N/K	16-May, 04:04
	200-500m S	Recorded	1	Projectile	E to W	N/K	16-May, 04:09
0.8-2km SSE	Recorded	1	Projectile	NE to SW	N/K	16-May, 04:28	
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	15-May, 22:11
SMM camera at entry-exit	2-4km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	15-May, 20:45

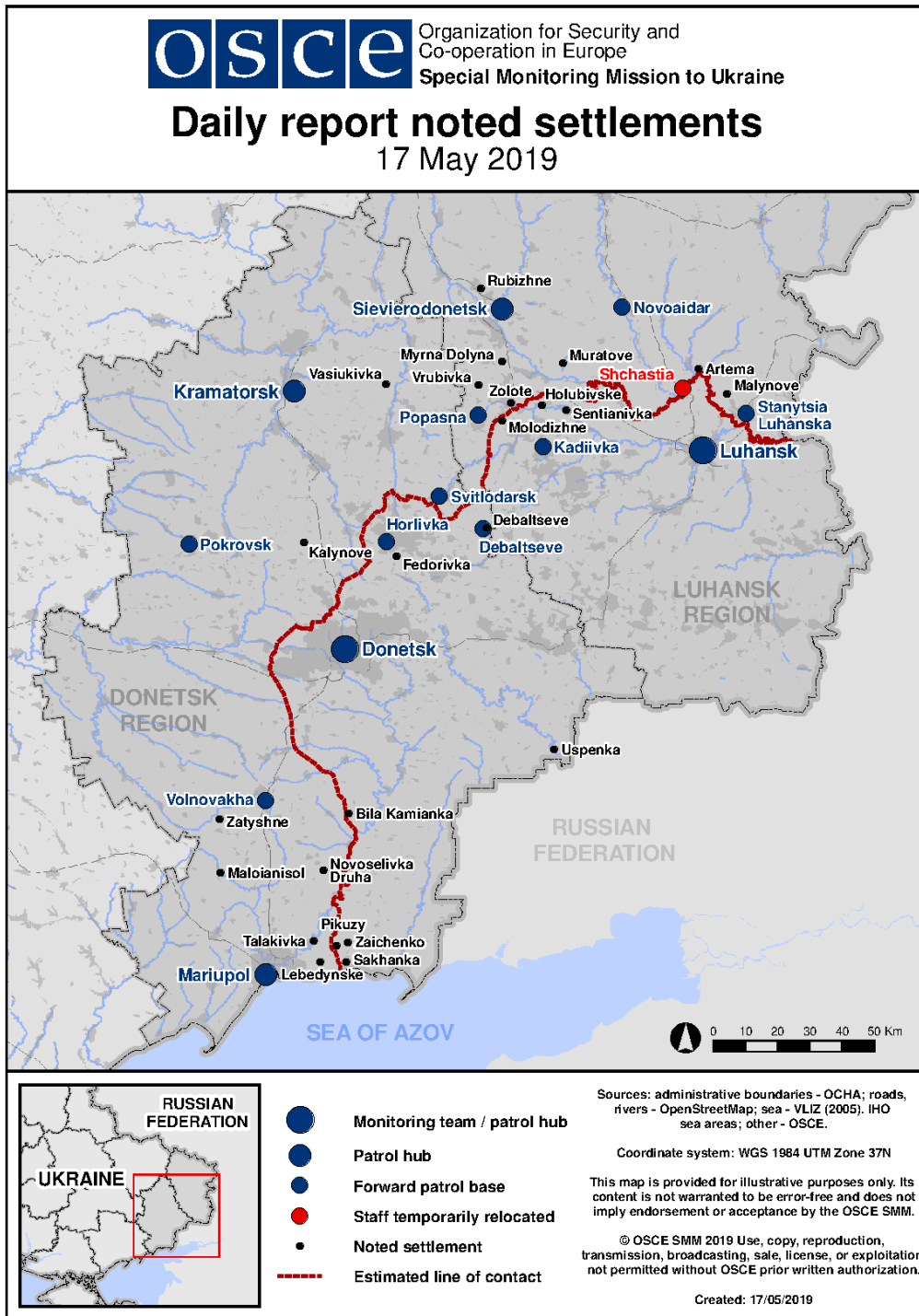
<sup>1</sup> The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors 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.

checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km SSE	Recorded	2	Projectile	E to W	N/K	15-May, 22:54
	2-4km SSE	Recorded	3	Projectile	E to W	N/K	15-May, 22:57
	2-4km S	Recorded	5	Projectile	W to E	N/K	16-May, 01:28
	2-4km S	Recorded	3	Projectile	W to E	N/K	16-May, 01:28
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	1	Explosion	Undetermined	N/K	16-May, 08:58
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	16-May, 09:15
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	16-May, 09:32
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	16-May, 09:47
	5-7km SE	Heard	1	Explosion	Undetermined	N/K	16-May, 10:04
	5-7km SE	Heard	1	Explosion	Undetermined	N/K	16-May, 10:21
	5-7km SE	Heard	1	Explosion	Undetermined	N/K	16-May, 10:59
	6-8km SSE	Heard	3	Explosion	Undetermined	N/K	16-May, 11:21-11:23
Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	3-4km W	Heard	1	Explosion	Undetermined	N/K	16-May, 12:10
	3-4km W	Heard	1	Explosion	Undetermined	N/K	16-May, 12:10
About 1km E of Krasnohorivka (government-controlled, 21km W of Donetsk)	1-3km E	Heard	2	Shot		Small arms	16-May, 12:43
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-4km NNW	Heard	1	Explosion	Undetermined	N/K	16-May, 09:15
	3-5km NW	Heard	1	Explosion	Undetermined	N/K	16-May, 09:17
	2-3km NNW	Heard	25	Shot		HMG	16-May, 09:30
	3-5km N	Heard	1	Explosion	Impact	N/K	16-May, 09:32
	4-5km NW	Heard	1	Explosion	Undetermined	N/K	16-May, 09:43
	4-5km NW	Heard	1	Explosion	Impact	N/K	16-May, 09:48
	3-5km NW	Heard	1	Explosion	Impact	N/K	16-May, 10:04
	2-3km SE	Heard	1	Shot		Small arms	16-May, 10:12
	4-5km WNW	Heard	1	Explosion	Undetermined	N/K	16-May, 10:21
	4-5km NW	Heard	1	Explosion	Impact	N/K	16-May, 10:59
	4-5km W	Heard	1	Explosion	Impact	N/K	16-May, 11:23
	2-3km NNW	Heard	42	Shot		Small arms	16-May, 11:37-11:38
	2-3km WNW	Heard	2	Burst		Small arms	16-May, 11:52
	5-6km N	Heard	4	Shot		30mm cannon	16-May, 12:37-12:41
	5-6km N	Heard	1	Explosion		N/K	16-May, 12:44
	4-5km NW	Heard	1	Explosion	Undetermined	N/K	16-May, 13:17
	4-5km NW	Heard	1	Explosion	Impact	N/K	16-May, 13:57
	2-3km NW	Heard	2	Shot		Small arms	16-May, 14:02
	3-4km WNW	Heard	1	Explosion	Undetermined	N/K	16-May, 14:13
	2-4km NW	Heard	1	Explosion	Undetermined	N/K	16-May, 14:13
	3-5km WNW	Heard	1	Explosion	Impact	N/K	16-May, 14:15
	3-5km WNW	Heard	2	Explosion	Impact	N/K	16-May, 14:16
	3-5km N	Heard	2	Explosion	Impact	N/K	16-May, 14:17
	3-5km N	Heard	5	Explosion	Impact	N/K	16-May, 14:23-14:24
	5-7km NNW	Heard	1	Explosion	Undetermined	N/K	16-May, 14:45
	3-5km N	Heard	1	Explosion	Impact		16-May, 14:45
Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NE	Heard	5	Explosion	Undetermined	N/K	16-May, 10:32-10:33
	N/K NE	Heard	4	Explosion	Undetermined	N/K	16-May, 10:40-10:41
	N/K NE	Heard	1	Burst		Small arms	16-May, 10:40-10:41
	N/K NE	Heard	1	Explosion	Undetermined	N/K	16-May, 10:43-10:44
	N/K NE	Saw	1	Other	Airburst	N/K	16-May,

							10:43-10:44
	N/K NE	Heard	9	Explosion	Undetermined	N/K	16-May, 10:46-10:49
	N/K NE	Saw	1	Other	Airburst	N/K	16-May, 10:46-10:49
	N/K NE	Heard	12	Burst		Small arms	16-May, 10:46-10:49
	N/K NE	Heard and saw	9	Explosion	Impact	N/K	16-May, 10:49-10:54
	N/K NE	Heard	9	Explosion	Undetermined	N/K	16-May, 10:58-11:03
	N/K NE	Saw	1	Other	Airburst	N/K	16-May, 10:58-11:03
	N/K NE	Heard and saw	20	Explosion	Impact	N/K	16-May, 11:05-11:12
	N/K ENE	Heard	3	Explosion	Undetermined	N/K	16-May, 11:05-11:12
	N/K NE	Heard and saw	13	Explosion	Impact	N/K	16-May, 11:14-11:09
	N/K ENE	Heard and saw	5	Explosion	Impact	N/K	16-May, 11:14-11:19
	N/K NNE	Heard and saw	5	Explosion	Impact	N/K	16-May, 11:14-11:19
	N/K E	Heard	2	Explosion	Undetermined	N/K	16-May, 11:14-11:19
	N/K NE	Heard	7	Explosion	Undetermined	N/K	16-May, 11:19-11:25
	N/K NE	Heard	7	Explosion	Undetermined	N/K	16-May, 11:28-11:33
	N/K NE	Heard and saw	1	Explosion	Impact	N/K	16-May, 11:35
	N/K NE	Heard	1	Explosion	Undetermined	N/K	16-May, 11:35
2.5km SSE of Lomakyne (government-controlled, 15km NE of Mariupol)	3-5km SE	Heard		Explosion	Uncountable	Probable 120mm mortar or 122mm artillery rounds	16-May, 11:06-11:15
3km NW of Lebedynske (government-controlled, 16km NE of Mariupol)	3-5km SE	Heard	1	Explosion	Undetermined	N/K	16-May, 12:59
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km NE		1	Explosion	Undetermined	N/K	16-May, 09:37
N edge of Popasna (government-controlled, 69km W of Luhansk)	5-8km E	Heard	7	Burst		Small arms	15-May, 22:04-22:25
	5-8km E	Heard	12	Burst		Small arms	15-May, 22:50-23:25
	5-8km NW	Heard	1	Explosion	Undetermined	N/K	16-May, 12:25-12:28
	5-8km SE	Heard	1	Explosion	Undetermined	N/K	16-May, 12:25-12:28
Holubivske (non-government-controlled, 51km W of Luhansk)	0.8-1.5km NNE	Heard	54	Burst		N/K	16-May, 10:17-10:26
	0.8-1.5km NNE	Heard	8	Shot		N/K	16-May, 10:17-10:26
S edge of Petrivka (government-controlled, 27km N of Luhansk)	2-4km E	Heard	2	Explosion	Undetermined	N/K	16-May, 11:13
Pervomaisk (non-government-controlled, 58km W	4-6km NW	Heard	1	Explosion	Undetermined (assessed as outside the	N/K	16-May, 12:15

of Luhansk)					disengagement area)		
Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	2-4km NNE	Heard	2	Explosion	Undetermined	N/K	16-May, 11:37-11:38
	1.5-2km NNE	Heard	12	Burst		N/K	16-May, 11:47-11:49
	1.5-2km NNE	Heard	12	Shot		N/K	16-May, 11:47-11:49
	6-8km NW	Heard	14	Explosion	Undetermined	N/K	16-May, 11:50-11:57
	3-5km NW	Heard	2	Explosion	Undetermined	N/K	16-May, 12:22-12:34
3km NW of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	1-2km N	Heard	78	Burst		N/K	16-May, 12:18-12:39
	1-2km N	Heard	5	Shot		N/K	16-May, 12:18-12:39
	1-2km N	Heard	5	Explosion	Undetermined	N/K	16-May, 12:18-12:39
W edge of Zolote-2/Karbonit (government-controlled, 62km W of Luhansk)	8-10km SE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	16-May, 12:20-12:24
1.5km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	300-500m E	Heard	30	Burst		Small arms	16-May, 14:57-15:00
	100m W	Heard	10	Shot		Small arms	16-May, 14:57-15:00

## 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).