

**Table of ceasefire violations as of 2 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)	1-3km SSE	Recorded	3	Projectile	NE to SW	N/K	1-May, 20:53
	1-2km SSE	Recorded	2	Projectile	WNW to ESE	N/K	1-May, 21:17
	1-3km SSE	Recorded	3	Projectile	NE to SW	N/K	1-May, 21:26
	1-3km SSE	Recorded	3	Projectile	NE to SW	N/K	1-May, 21:37
	1-3km SSE	Recorded	7	Projectile	NE to SW	N/K	1-May, 21:38
	1-3km SSE	Recorded	2	Explosion	Undetermined	N/K	1-May, 21:47
	1-3km SSE	Recorded	1	Explosion	Undetermined	N/K	1-May, 21:56
	1-3km SSE	Recorded	1	Projectile	NE to SW	N/K	1-May, 21:56
	1-3km SSE	Recorded	9	Projectile	ENE to WSW	N/K	1-May, 22:20
	1-3km SSE	Recorded	1	Projectile	NE to SW	N/K	1-May, 22:22
	1-3km SSE	Recorded	1	Explosion	Airburst	N/K	1-May, 22:22
	1-3km SSE	Recorded	1	Projectile	WNW to ESE	N/K	1-May, 22:25
	1-3km SSE	Recorded	1	Explosion	Impact	N/K	1-May, 22:25
	1-3km SSE	Recorded	1	Projectile	WNW to ESE	N/K	1-May, 22:36
	1-3km SSE	Recorded	1	Projectile	NE to SW	N/K	1-May, 22:40
	1-3km SSE	Recorded	1	Muzzle flash		N/K	1-May, 23:12
	1-3km SSE	Recorded	1	Projectile	ESE to WNW	N/K	1-May, 23:12
	1-3km SSE	Recorded	3	Projectile	WNW to ESE	N/K	1-May, 23:16
	1-3km SE	Recorded	3	Projectile	NE to SW	N/K	2-May, 01:53
	1-3km SSE	Recorded	2	Projectile	WNW to ESE	N/K	2-May, 01:57
	1-3km SSE	Recorded	1	Projectile	NE to SW	N/K	2-May, 02:08
	1-3km SSE	Recorded	11	Projectile	ENE to WSW	N/K	2-May, 02:25
	1-2km SE	Recorded	3	Projectile	SW to NE	N/K	2-May, 02:33
	1-3km SSE	Recorded	2	Projectile	NE to SW	N/K	2-May, 02:50
	1-3km SSE	Recorded	1	Projectile	WNW to ESE	N/K	2-May, 03:34
	1-3km SSE	Recorded	1	Projectile	WNW to ESE	N/K	2-May, 03:41
1-3km SSE	Recorded	5	Projectile	WSW to ENE	N/K	2-May, 03:42	
1-3km SSE	Recorded	8	Projectile	ENE to WSW	N/K	2-May, 03:54	
1-3km SSE	Recorded	2	Projectile	WNW to ESE	N/K	2-May, 03:54	
1-3km SSE	Recorded	2	Muzzle flash		N/K	2-May, 03:54	
1-3km SSE	Recorded	18	Projectile	ENE to WSW	N/K	2-May, 03:55	
1-3km SSE	Recorded	8	Projectile	ENE to WSW	N/K	2-May, 04:07	
1-3km SSE	Recorded	6	Projectile	ENE to WSW	N/K	2-May, 04:23	
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km E	Recorded	1	Projectile	N to S	N/K	1-May, 23:59
	2-4km E	Recorded	1	Projectile	NW to SE	N/K	2-May, 00:57
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-3km ESE	Recorded	2	Projectile	NE to SW	N/K	1-May, 23:51
	2-3km ESE	Recorded	2	Projectile	NE to SW	N/K	1-May, 23:53
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	1-May, 20:40
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	1-May, 21:07
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	1-May, 22:29
SMM camera at entry-exit	2-3km N	Recorded	1	Illumination flare	In vertical flight	N/K	1-May, 22:44

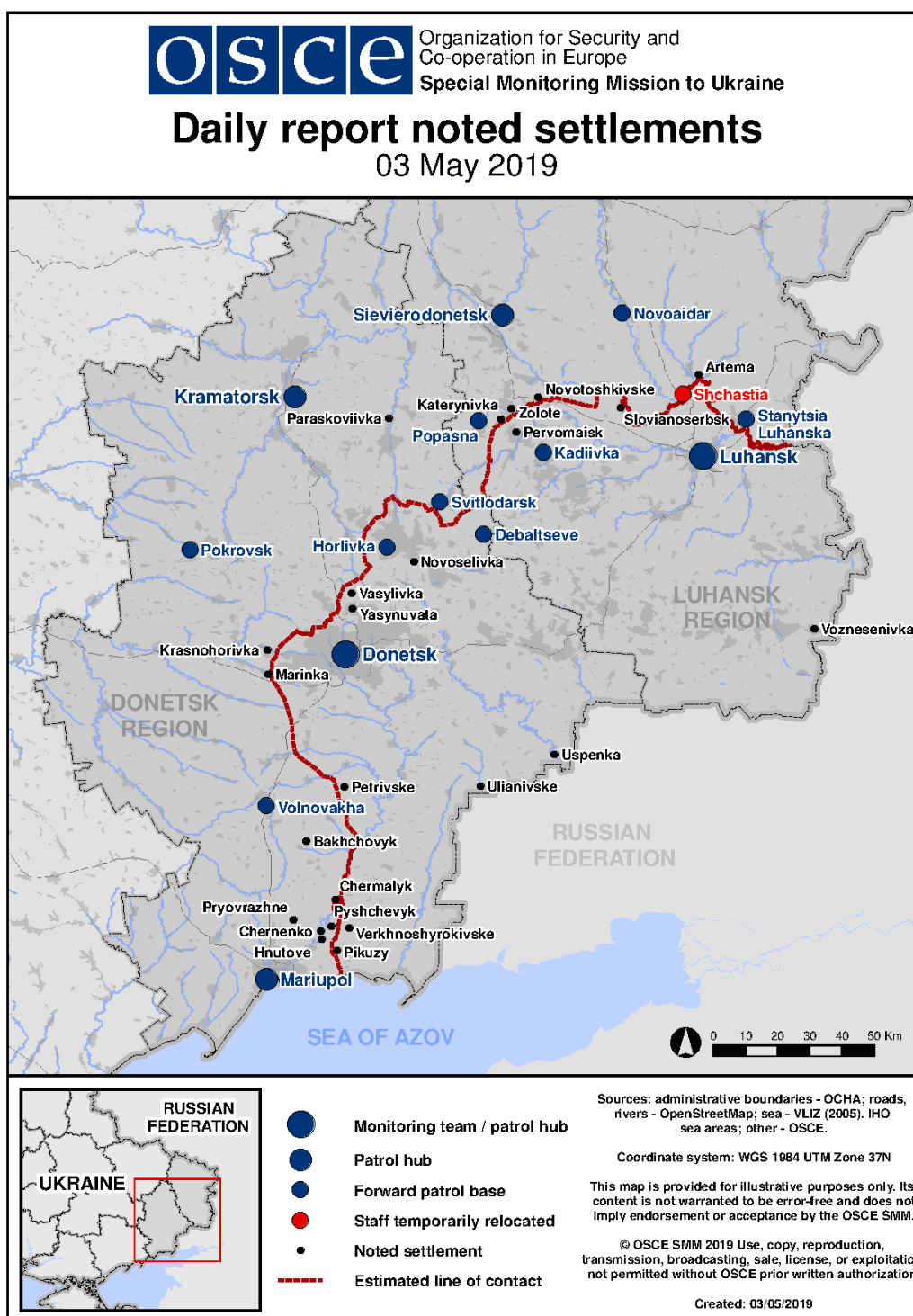
<sup>1</sup> The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors 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 Marinka (government-controlled, 23km SW of Donetsk)	2-3km N	Recorded	1	Explosion	Undetermined	N/K	2-May, 02:31
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	2-May, 02:39
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	2-May, 03:14
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	2-May, 03:15
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	2-May, 03:21
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	2-May, 03:39
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	1	Explosion	Undetermined	N/K	1-May, 22:01
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	1-May, 22:02
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	1-May, 22:03
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	1-May, 22:03
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	1-May, 22:31
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	1-May, 22:32
	2-4km S	Recorded	4	Projectile	E to W	N/K	1-May, 22:49
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	1-May, 23:00
	2-4km S	Recorded	1	Projectile	W to E	N/K	1-May, 23:08
	2-4km S	Recorded	1	Explosion	Impact,	N/K	1-May, 23:08
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	1-May, 23:11
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	1-May, 23:21
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	1-May, 23:39
	2-4km S	Recorded	1	Projectile	E to W	N/K	2-May, 00:44
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	2-May, 03:04
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	2-May, 03:22
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	2-May, 03:23
2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	2-May, 04:07	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	1-May, 21:00
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	1-May, 21:07
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	3-4km SSW	Heard	1	Explosion	Undetermined	N/K	2-May, 11:24
	3-4km SSW	Heard	1	Explosion	Undetermined	N/K	2-May, 11:25
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	2	Explosion	Undetermined	N/K	2-May, 11:40
	2km SW	Heard	7	Burst		Small arms	2-May, 11:45-11:47
	1-2km SW	Heard	15	Shot		Small arms	2-May, 11:50
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	2-May, 11:55
	1-2km SW	Heard	2	Burst		Small arms	2-May, 11:56
	1-2km SW	Heard	10	Shot		Small arms	2-May, 11:58
	1-2km SW	Heard	3	Burst		HMG	2-May, 11:59
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	2-May, 12:04
	2-3km SW	Heard	43	Explosion	Undetermined	N/K	2-May, 12:10-12:15
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	15	Explosion	Undetermined	N/K	2-May, 13:13-13:20
	2-3km W	Heard	10	Explosion	Undetermined	N/K	2-May, 13:13-13:20
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	2-May, 14:12
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	2-May, 14:38
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SSE	Heard	3	Explosion	Outgoing	N/K	2-May, 11:20-11:25
	2-3km SSE	Heard	20	Burst		Small arms	2-May, 11:20-11:25
	2-3km SSE	Heard	1	Explosion	Outgoing	N/K	2-May, 11:35-11:37
	2-3km SSE	Heard	3	Burst		HMG	2-May, 11:35-11:37
	2-3km SSE	Heard	1	Explosion	Outgoing	N/K	2-May, 11:55
	2-3km SSE	Heard	8	Burst		Small arms	2-May, 11:55

	2-3km SSE	Heard	4	Explosion	Outgoing	N/K	2-May, 12:04-12:05
	2-3km SSE	Heard	4	Explosion	Undetermined	N/K	2-May, 12:08
	2-4km S	Heard	20	Burst		HMG	2-May, 12:08-12:13
1km NNW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	N/K NE	Heard	1	Explosion	Undetermined	N/K	2-May, 11:05
	N/K NE	Heard	1	Explosion	Undetermined	N/K	2-May, 11:32
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km WNW	Heard	4	Explosion	Undetermined	N/K	1-May, 18:18-18:22
	3-5km WNW	Heard	7	Explosion	Undetermined	N/K	1-May, 18:34
	3-5km WNW	Heard	5	Explosion	Undetermined	N/K	1-May, 18:37
	3-5km WNW	Heard	4	Burst		HMG	1-May, 18:37
	3-5km WNW	Heard	1	Explosion	Undetermined	N/K	1-May, 18:42
	3-5km WNW	Heard	1	Explosion	Undetermined	N/K	1-May, 18:47
	3-5km WNW	Heard	2	Explosion	Undetermined	N/K	1-May, 18:54
	3-5km WNW	Heard	1	Explosion	Undetermined	N/K	1-May, 19:04
	3-5km WNW	Heard	2	Explosion	Undetermined	N/K	1-May, 19:24
	3-5km WNW	Heard	3	Explosion	Undetermined	N/K	1-May, 19:26
	3-5km WNW	Heard	2	Explosion	Undetermined	N/K	1-May, 20:16
	3-5km WNW	Heard	2	Explosion	Undetermined	N/K	1-May, 20:22
	3-5km WNW	Heard	3	Explosion	Undetermined	N/K	1-May, 20:26
	3-5km SSW	Heard	63	Burst		HMG	1-May, 20:31-20:46
	3-5km SSW	Heard	2	Explosion	Undetermined	N/K	1-May, 20:31-20:46
	3-5km W	Heard	3	Explosion	Undetermined	N/K	1-May, 20:57
	3-5km WNW	Heard	2	Explosion	Undetermined	N/K	1-May, 21:07
	3-5km WSW	Heard	4	Explosion	Undetermined	N/K	1-May, 21:09
	3-5km WSW	Heard	58	Burst		HMG	1-May, 21:11-21:18
	3-5km WSW	Heard	1	Explosion	Undetermined	N/K	1-May, 21:11
	3-5km W	Heard	1	Explosion	Undetermined	N/K	1-May, 21:21
	3-5km W	Heard	1	Explosion	Undetermined	N/K	1-May, 21:51
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	5-6km S	Heard	2	Explosion	Undetermined	N/K	2-May, 11:23
	5-6km S	Heard	2	Explosion	Undetermined	N/K	2-May, 11:25
	1-2km N	Heard	2	Explosion	Outgoing	N/K	2-May, 11:36
	5-6km S	Heard	2	Explosion	Undetermined	N/K	2-May, 11:38
Novoluhanske (government-controlled, 53km NE of Donetsk)	1-1.5km NW	Heard	12	Burst		HMG	2-May, 12:07
NW edge of Horlivka (non-government controlled, 39km NE of Donetsk)	4-6km SW	Heard	2	Explosion	Undetermined	N/K	2-May, 14:12
Popasna (government-controlled, 69km W of Luhansk)	5-10km ESE	Heard	37	Burst	Assessed as outside the Zolote disengagement area	HMG	1-May, 23:35-23:55
	10-12km ESE	Heard	1	Explosion	Undetermined	N/K	1-May, 23:40-23:41
	8-10km ESE	Heard	10	Shot	Assessed as outside the Zolote disengagement area	AGL	1-May, 23:40-23:55
	8-10km ESE	Heard	15	Shot and Burst	Assessed as outside the Zolote disengagement area	Small arms	1-May, 23:45-23:50
	10-12km ESE	Heard	1	Explosion	Undetermined	Mortar	1-May, 23:47-

					(assessed as outside the Zolote disengagement area)	(type N/K)	23:48
	5-10km ESE	Heard	27	Burst	Assessed as outside the Zolote disengagement area	HMG	2-May, 00:05-00:55
	10-12km ESE	Heard	5	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	Mortar (type N/K)	2-May, 00:10-00:44
	5-10km ESE	Heard	13	Shot	Assessed as outside the Zolote disengagement area	AGL	2-May, 00:30-01:05
	5-10km ESE	Heard	23	Shot and burst	Assessed as outside the Zolote disengagement area	Small arms	2-May, 00:30-01:05
	10-12km ESE	Heard	2	Explosion	Undetermined	N/K	2-May, 00:54-00:55
	5-10km E	Heard	10	Shot and burst	Unable to assess whether inside or outside Zolote disengagement area	Small arms	2-May, 01:14-01:16
	6-12km E	Heard	2	Explosion	Undetermined (unable to assess whether inside or outside Zolote disengagement area)	Mortar (type N/K)	2-May, 01:14-01:15
	6-12km E	Heard	1	Explosion	Undetermined (unable to assess whether inside or outside Zolote disengagement area)	N/K	2-May, 01:26-01:27
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km S	Recorded	1	Explosion	Undetermined	N/K	1-May, 22:56
	3-5km SW	Recorded	1	Illumination flare	In vertical flight	N/K	2-May, 00:07

## 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).