

Table of ceasefire violations as of 22 May 2019¹

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	3	Projectile	NNE to SSW	N/K	21-May, 21:35
	2-4km SSE	Recorded	6	Projectile	NNE to SSW	N/K	21-May, 21:37
	2-4km SSE	Recorded	9	Projectile	NNE to SSW	N/K	21-May, 21:38
	2-4km SSE	Recorded	2	Projectile	NNE to SSW	N/K	21-May, 21:39
	2-4km SE	Recorded	1	Muzzle flash		N/K	21-May, 21:39
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	21-May, 21:39
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	21-May, 21:40
	2-4km SSE	Recorded	4	Projectile	NNE to SSW	N/K	21-May, 21:45
	2-4km SSE	Recorded	11	Projectile	NNE to SSW	N/K	21-May, 21:49
	2-4km SSE	Recorded	7	Projectile	NNE to SSW	N/K	21-May, 21:56
	2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	21-May, 22:11
	2-4km SSE	Recorded	5	Projectile	NNE to SSW	N/K	21-May, 22:15
	2-4km SSE	Recorded	6	Projectile	NNE to SSW	N/K	21-May, 22:16
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	21-May, 22:29
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	21-May, 22:39
	2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	21-May, 22:39
	2-4km SSE	Recorded	3	Projectile	NNE to SSW	N/K	21-May, 22:40
	2-4km SSE	Recorded	6	Projectile	NNE to SSW	N/K	21-May, 22:58
	2-4km SSE	Recorded	1	Muzzle flash		N/K	21-May, 23:08
	2-4km SSE	Recorded	1	Projectile	WNW to ESE	N/K	21-May, 23:08
	2-4km SSE	Recorded	1	Explosion	Impact	N/K	21-May, 23:08
	2-4km SSE	Recorded	1	Projectile	WNW to ESE	N/K	21-May, 23:08
	2-4km SSE	Recorded	2	Explosion	Undetermined	N/K	21-May, 23:08
	2-4km SSE	Recorded	2	Projectile	WNW to ESE	N/K	21-May, 23:17
	2-4km SSE	Recorded	3	Projectile	NNW to SSE	N/K	21-May, 23:24
	2-4km SSE	Recorded	5	Projectile	NNE to SSW	N/K	21-May, 23:44
	2-4km SSE	Recorded	5	Projectile	NNE to SSW	N/K	21-May, 23:45
	2-4km SSE	Recorded	4	Projectile	NNE to SSW	N/K	21-May, 23:46
	2-4km SSE	Recorded	2	Projectile	WNW to ESE	N/K	21-May, 23:47
	2-4km SSE	Recorded	5	Projectile	NNE to SSW	N/K	21-May, 23:47
	2-4km SSE	Recorded	2	Projectile	NNE to SSW	N/K	21-May, 23:48
	2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	21-May, 23:49
	2-4km SSE	Recorded	5	Projectile	NNE to SSW	N/K	21-May, 23:50
	2-4km SSE	Recorded	2	Projectile	NNE to SSW	N/K	21-May, 23:51
	2-4km SSE	Recorded	4	Projectile	NNE to SSW	N/K	22-May, 00:12
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	22-May, 00:19
	2-4km SSE	Recorded	4	Projectile	NNE to SSW	N/K	22-May, 00:19
	2-4km SSE	Recorded	5	Projectile	NNE to SSW	N/K	22-May, 01:04
	2-4km SSE	Recorded	6	Projectile	NNE to SSW	N/K	22-May, 01:05
	2-4km SSE	Recorded	1	Projectile	NNW to SSE	N/K	22-May, 02:30
2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	22-May, 02:30	
2-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	22-May, 02:31	
2-4km SSE	Recorded	1	Projectile	ENE to WSW	N/K	22-May, 02:58	
2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	22-May, 02:59	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km S	Recorded	1	Explosion	Undetermined	N/K	21-May, 21:39
	1-3km SSW	Recorded	1	Projectile	W to E	N/K	21-May, 22:13
	1-3km SSW	Recorded	1	Projectile	W to E	N/K	21-May, 22:31
	1-3km SSW	Recorded	6	Projectile	NNW to SSE	N/K	21-May, 22:33
	1-3km SSW	Recorded	2	Projectile	NNW to SSE	N/K	21-May, 22:34
	1-3km SSW	Recorded	1	Projectile	NNW to SSE	N/K	21-May, 22:36
1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	22-May, 00:29	

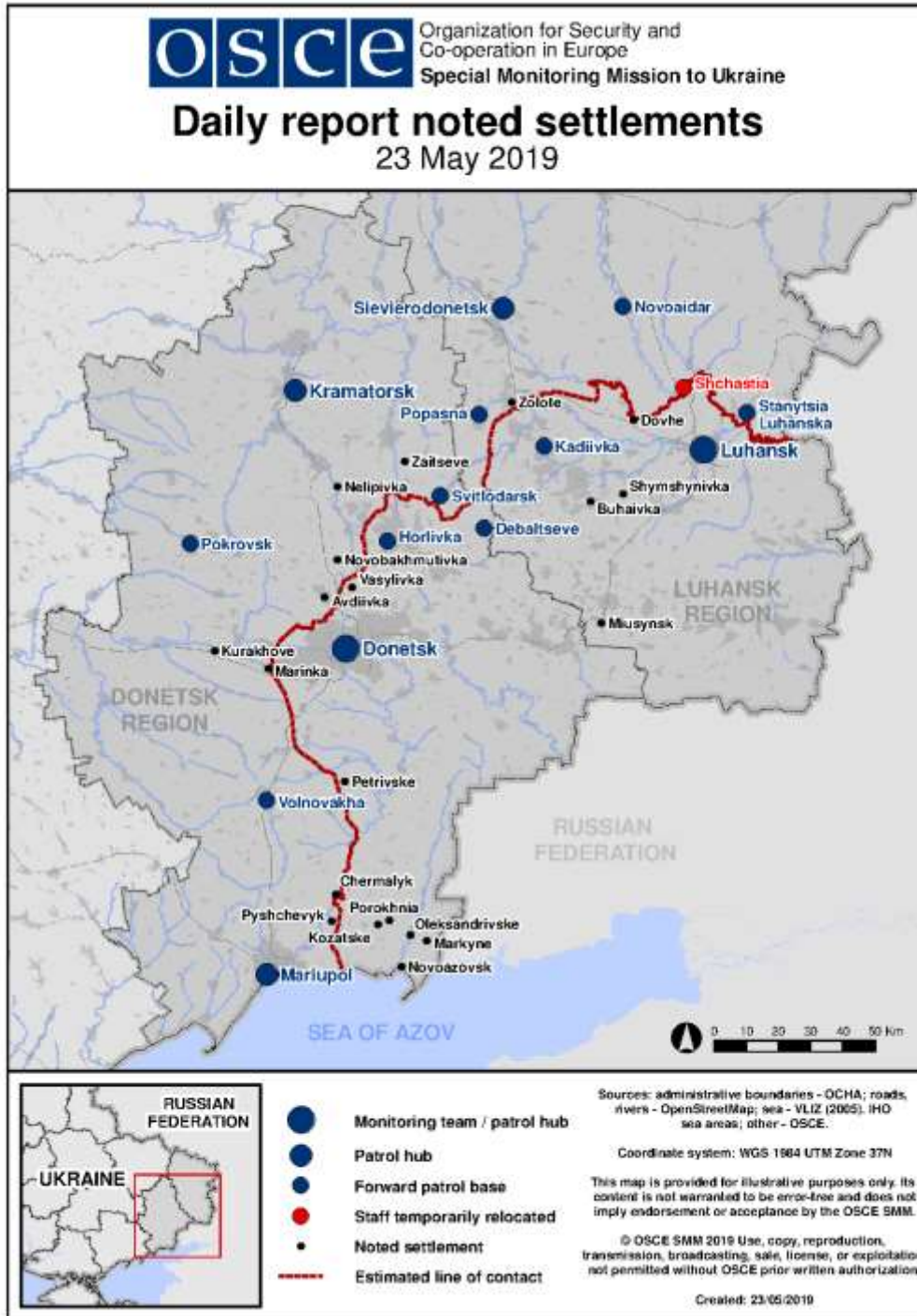
¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground,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

	1-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	22-May, 01:00
	1-3km SSW	Recorded	1	Projectile	NNW to SSE	N/K	22-May, 03:01
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	2-4km E	Recorded	5	Explosion	Undetermined	N/K	21-May, 22:41
	2-4km E	Recorded	4	Explosion	Undetermined	N/K	21-May, 22:42
	3-5km E	Recorded	3	Explosion	Undetermined	N/K	22-May, 00:36
	3-5km E	Recorded	5	Projectile	N to S	N/K	22-May, 00:36
	3-5km ENE	Recorded	1	Projectile	N to S	N/K	22-May, 01:52
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	21-May, 22:10
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	3-4km SSE	Recorded	1	Projectile	In vertical flight	N/K	21-May, 22:03
	3-4km SSE	Recorded	5	Projectile	E to W	N/K	21-May, 22:03
	3-4km SSE	Recorded	3	Projectile	ENE to WSW	N/K	21-May, 22:24
	3-4km SSE	Recorded	1	Projectile	E to W	N/K	21-May, 22:25
	3-4km SSE	Recorded	3	Projectile	E to W	N/K	21-May, 22:56
	1-3km SSE	Recorded	8	Projectile	E to W	N/K	21-May, 23:39
	1-3km SSE	Recorded	6	Projectile	E to W	N/K	21-May, 23:39
	3-4km S	Recorded	8	Projectile	E to W	N/K	21-May, 23:52
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	4-6km S	Heard	1	Explosion	Undetermined	N/K	22-May, 09:04
	5-6km S	Heard	8	Explosion	Undetermined	N/K	22-May, 09:13-09:34
	2km S	Heard	2	Explosion	Undetermined	N/K	22-May, 09:57-10:14
	4-6km S	Heard	4	Explosion	Undetermined	N/K	22-May, 10:45-10:55
	2km S	Heard	34	Explosion	Undetermined	N/K	22-May, 12:04-12:18
	2km S	Heard	20	Burst		Small arms	22-May, 12:10-12:18
	3-4km S	Heard	1	Explosion	Undetermined	N/K	22-May, 12:26
	2-3km ESE	Heard	1	Explosion	Undetermined	N/K	22-May, 12:43
About 1km NW of Yasynuvata railway station (non-government-controlled, 16km NE of Donetsk)	5-6km W	Heard	1	Explosion	Undetermined	N/K	22-May, 09:13
	4-5km SW	Heard	4	Explosion	Undetermined	N/K	22-May, 09:14-09:35
	5-6km SSW	Heard	2	Explosion	Undetermined	N/K	22-May, 09:20
	2-3km SW	Heard	3	Burst		Small arms	22-May, 09:44
	4-5km SW	Heard	4	Explosion	Undetermined	N/K	22-May, 09:56-10:50
	1-2km SW	Heard	19	Shot		Small arms	22-May, 13:09
	1-2km SW	Heard	6	Shot		Small arms	22-May, 13:52
	2-3km SW	Heard	4	Burst		Small arms	22-May, 13:58
	0.8-1km SSW	Heard	6	Shot		Small arms	22-May, 14:02-14:03
	3-4km SW	Heard and saw	4	Explosion	Undetermined	N/K	22-May, 14:47
About 8km SW of Donetsk city centre (non-government-	3km W	Heard	1	Explosion	Undetermined	N/K	22-May, 12:57

controlled)							
N edge of Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	2-4km N	Heard and saw	7	Explosion	Undetermined	N/K	22-May, 15:20-15:37
Oleksandrivske (formerly Rozy Liuksemburh, non-government-controlled, 90km SE of Donetsk)	2-3km E	Heard	3	Explosion	Outgoing	Mortar (type N/K)	22-May, 11:05-11:11
	2-3km E	Heard	7	Burst		HMG	22-May, 11:05-11:11
1.5km NW of Chermalyk (government-controlled, 31km NE of Mariupol)	N/K E	Heard	12	Explosion	Undetermined	N/K	22-May, 11:36-11:40
	N/K ESE	Heard	1	Explosion	Undetermined	N/K	22-May, 11:56
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-4km SE	Heard	5	Explosion	Undetermined	N/K	22-May, 09:05
	2-4km SE	Heard	7	Explosion	Undetermined	N/K	22-May, 09:08
	2-3km SE	Heard	5	Burst		HMG	22-May, 09:47
	2-4km SE	Heard	1	Explosion	Undetermined	N/K	22-May, 09:59
About 2.5km SE Nelipivka (government-controlled, 40km NE of Donetsk)	2-3km E	Heard	2	Explosion	Undetermined	N/K	22-May, 11:24
Luhanske (government-controlled, 59km E of Donetsk)	3-4km SE	Heard	3	Explosion	Undetermined	N/K	22-May, 11:15
About 6km WNW of Horlivka (non-government controlled, 39km NE of Donetsk)	3-5km E	Heard	1	Explosion	Undetermined	N/K	22-May, 11:58
	3-5km E	Heard	1	Explosion	Undetermined	N/K	22-May, 12:02
	3-5km E	Heard	1	Explosion	Undetermined	N/K	22-May, 12:04
S edge of Horlivka (non-government controlled, 39km NE of Donetsk)	2-4km SSW	Heard	1	Explosion	Undetermined	N/K	22-May, 13:18
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km E	Heard	1	Explosion	Undetermined	N/K	22-May, 17:24
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	4-5km SW	Recorded	1	Illumination flare	In vertical flight	N/K	22-May, 04:05
N edge of Popasna	8-10km SE	Heard	8	Explosion	Undetermined	N/K	21-May, 20:04-20:25

(government-controlled, 69km W of Luhansk)	6-8km SE	Heard	10	Burst		N/K	21-May, 20:28
	8-10km S	Heard	4	Explosion	Undetermined	AGL	21-May, 20:33
	6-8km SE	Heard	13	Shot		N/K	21-May, 20:33-20:43
	8-10km SE	Heard	1	Explosion	Undetermined	N/K	21-May, 20:33
	8-10km SE	Heard	2	Explosion	Undetermined	N/K	21-May, 22:50-22:57
E edge of Popasna (government-controlled, 69km W of Luhansk)	1-3km S	Heard	1	Explosion	Undetermined	N/K	22-May, 15:45

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).