

Table of ceasefire violations as of 20 May 2019¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date and time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	19-May, 22:59
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	20-May, 03:40
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	19-May, 20:52
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	19-May, 20:53
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	19-May, 21:01
	2-4km SE	Recorded	15	Projectile	NE to SW	N/K	19-May, 21:02
	2-4km SE	Recorded	4	Projectile	NE to SW	N/K	19-May, 21:03
	2-4km SE	Recorded	2	Projectile	NE to SW	N/K	19-May, 21:04
	2-4km S	Recorded	4	Explosion	Undetermined	N/K	19-May, 21:04
	2-4km SE	Recorded	2	Projectile	ENE to WSW	N/K	19-May, 21:06
	2-4km SSE	Recorded	1	Projectile	W to E	N/K	19-May, 21:08
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	19-May, 21:12
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	19-May, 21:12
	2-4km SE	Recorded	2	Projectile	NE to SW	N/K	19-May, 21:22
	2-4km SE	Recorded	11	Projectile	In vertical flight	N/K	19-May, 21:32
	2-4km SE	Recorded	1	Projectile	In vertical flight	N/K	19-May, 21:33
	0.5-1km S	Recorded	1	Projectile	W to E	N/K	19-May, 21:36
	2-4km SE	Recorded	2	Projectile	In vertical flight	N/K	19-May, 21:40
	6-10km S	Recorded	1	Projectile	W to E	N/K	19-May, 22:33
	6-10km S	Recorded	1	Explosion	Undetermined	N/K	19-May, 22:33
	6-10km S	Recorded	1	Explosion	Undetermined	N/K	19-May, 22:52
	6-10km S	Recorded	1	Projectile	E to W	N/K	19-May, 22:54
	6-10km S	Recorded	1	Explosion	Undetermined	N/K	19-May, 22:54
	1-2km SSE	Recorded	4	Projectile	NW to SE	N/K	19-May, 23:02
	1-2km SSE	Recorded	2	Projectile	NW to SE	N/K	19-May, 23:39
	3-5km SE	Recorded	9	Projectile	In vertical flight	N/K	20-May, 00:38
	2-4km SE	Recorded	3	Projectile	ENE to WSW	N/K	20-May, 01:11
	2-4km S	Recorded	4	Projectile	ENE to WSW	N/K	20-May, 01:12
	2-4km S	Recorded	2	Projectile	ENE to WSW	N/K	20-May, 01:13
	2-4km S	Recorded	4	Projectile	ENE to WSW	N/K	20-May, 01:40
2-4km S	Recorded	2	Projectile	ENE to WSW	N/K	20-May, 01:41	
2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	20-May, 01:42	
2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	20-May, 02:25	
2-4km S	Recorded	1	Projectile	WSW to ENE	N/K	20-May, 03:53	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km SSW	Recorded	2	Projectile	N to S	N/K	20-May, 00:01
	0.5-1km S	Recorded	2	Projectile	E to W	N/K	20-May, 00:01
	2-4km SW	Recorded	1	Explosion	Undetermined	N/K	20-May, 00:01
	0.5-1km S	Recorded	8	Projectile	E to W	N/K	20-May, 00:02
	0.5-1km S	Recorded	4	Projectile	E to W	N/K	20-May, 00:03
	0.5-1km S	Recorded	2	Projectile	E to W	N/K	20-May, 00:10
	0.5-1km S	Recorded	4	Projectile	E to W	N/K	20-May, 00:16
	1-1.5km S	Recorded	1	Projectile	E to W	N/K	20-May, 00:19
	0.5-1km S	Recorded	4	Projectile	E to W	N/K	20-May, 00:23
0.5-1km S	Recorded	3	Projectile	E to W	N/K	20-May, 00:36	

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.

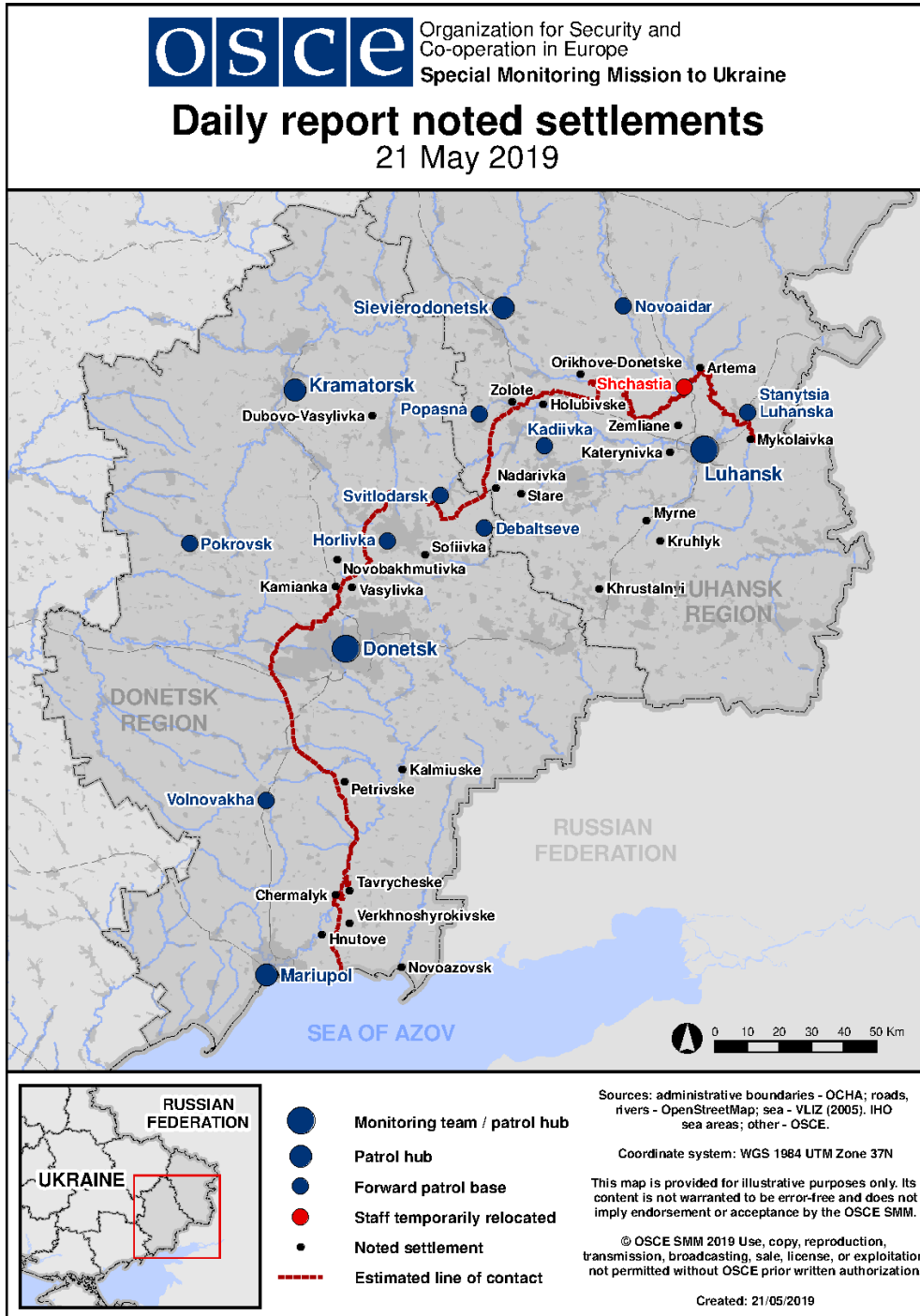
	2-4km SSW	Recorded	2	Projectile	In vertical flight	N/K	20-May, 00:48
	300-800m S	Recorded	1	Projectile	NW to SE	N/K	20-May, 00:48
	2-4km SW	Recorded	1	Projectile	NW to SE	N/K	20-May, 01:00
	1-2km SW	Recorded	1	Projectile	WNW to ESE	N/K	20-May, 01:43
	0.5-1km S	Recorded	2	Projectile	NW to SE	N/K	20-May, 01:47
	0.5-1km SSE	Recorded	1	Explosion	Undetermined	N/K	20-May, 02:20
	1-3km S	Recorded	1	Projectile	E to W	N/K	20-May, 02:20
	0.5-1km SSW	Recorded	1	Projectile	NW to SE	N/K	20-May, 02:49
	0.25-0.5km SSW	Recorded	1	Projectile	W to E	N/K	20-May, 03:09
	0.5-1km SSW	Recorded	1	Projectile	NW to SE	N/K	20-May, 03:35
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km E	Recorded	3	Projectile	N to S	N/K	19-May, 22:56
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	19-May, 22:56
	3-5km E	Recorded	5	Projectile	N to S	N/K	20-May, 00:19
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	20-May, 00:19
	3-5km ENE	Recorded	3	Projectile	In vertical flight	N/K	20-May, 00:46
	3-5km ENE	Recorded	3	Projectile	In vertical flight	N/K	20-May, 00:47
	3-5km E	Recorded	5	Projectile	NW to SE	N/K	20-May, 01:45
	3-5km E	Recorded	2	Projectile	S to N	N/K	20-May, 02:00
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)							
	2-5km ENE	Recorded	1	Explosion	Undetermined	N/K	20-May, 00:31
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)							
	2-5km NE	Recorded	1	Illumination flare	In vertical flight	N/K	20-May, 00:17
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km N	Recorded	1	Projectile	WSW to ENE	N/K	19-May, 22:12
	2-4km N	Recorded	1	Explosion	Airburst	N/K	19-May, 22:34
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-4km SSE	Recorded	1	Projectile	W to E	N/K	19-May, 22:03
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	19-May, 22:03
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	19-May, 22:05
	2-3km S	Recorded	1	Explosion	Undetermined	N/K	19-May, 22:52
	2-3km S	Recorded	1	Explosion	Undetermined	N/K	19-May, 22:54
	2-3km S	Recorded	1	Projectile	E to W	N/K	19-May, 22:54
	2-3km S	Recorded	1	Projectile	E to W	N/K	19-May, 23:44
	2-3km S	Recorded	1	Projectile	E to W	N/K	19-May, 23:52
		2-5km S	Recorded	1	Illumination flare	In vertical flight	N/K
	2-5km SE	Recorded	2	Projectile	NE to SW	N/K	20-May, 01:14
SMM camera 1km SW of Shyrokyne (government-controlled, 20km E of Mariupol)	3-5km NNE	Recorded	9	Projectile	ESE to WNW	N/K	20-May, 00:40
	3-5km NNE	Recorded	3	Projectile	ESE to WNW	N/K	20-May, 00:41
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)							
	2-5km ESE	Recorded	2	Burst	In vertical flight (approximately 100 rounds)	N/K	19-May, 23:10
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km S	Heard	2	Explosion	Undetermined	N/K	20-May, 09:37
	3-4km S	Heard	5	Explosion	Undetermined	N/K	20-May, 09:42
	1-1.5km ESE	Heard	7	Shot		Small arms	20-May, 11:09
	3-4km ESE	Heard	1	Explosion	Undetermined	N/K	20-May, 11:45
900m E of Kruta Balka (non-	1-2km NNW	Heard	1	Explosion	Undetermined	N/K	20-May, 11:18

government-controlled, 16km N of Donetsk)							
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	6-8km SW	Heard	1	Explosion	Undetermined	N/K	20-May, 13:08
	1-2km SW	Heard	10	Shot		Small arms	20-May, 13:53
	2-3km SW	Heard	7	Shots and bursts		Small arms	20-May, 13:57
	3-4km NNW	Heard	4	Explosion	Undetermined	N/K	20-May, 13:58
	5-6km N	Heard	1	Explosion	Undetermined	N/K	20-May, 13:59
	2-3km WSW	Heard	1	Burst		HMG	20-May, 14:14
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	20-May, 14:42
About 1.7km NW of Chermalyk (government-controlled, 31km NE of Mariupol)	1km N	Heard	2	Burst		Small arms	20-May, 11:20
Sakhanka (non-government controlled, 24km NE of Mariupol)	1-2km SSW	Heard	2	Explosion	Outgoing	N/K	20-May, 12:18-12:20
	1-2km SSW	Heard	2	Explosion	Undetermined	N/K	20-May, 12:18-12:20
1km NNW of Pyshevyk (government-controlled, 25km NE of Mariupol)	N/K E	Heard	3	Shot		Small arms	20-May, 14:02
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km SW	Heard	2	Explosion	Undetermined	N/K	19-May, 20:21
	1-2km SW	Heard	10	Burst		Small arms	19-May, 21:31-21:33
	1-2km SW	Heard	3	Shot		Small arms	19-May, 21:44
	1-2km SW	Heard	7	Burst		Small arms	19-May, 21:48
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	19-May, 22:24
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km E	Heard	7	Explosion	Undetermined	N/K	20-May, 11:02-11:05
	2-3km E	Heard	3	Shot		Small arms	20-May, 13:10
	2-3km E	Heard	10	Shot		Small arms	20-May, 13:20-13:22
	2-3km E	Heard	20	Shot		Small arms	20-May, 13:25-13:28
	2-3km E	Heard	60	Shot		Small arms	20-May, 13:40-13:50
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km SSW	Recorded	6	Burst	Approximately 120 rounds (assessed as outside the disengagement area)	N/K	19-May, 23:11
	2-4km E	Recorded	21	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	20-May, 00:48
	2-4km SSE	Recorded	7	Projectile	NNW to SSE (assessed as inside the disengagement area)	N/K	20-May, 01:12
	3-5km S	Recorded	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	20-May, 03:20

N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km SE	Heard	185	Burst		HMG	19-May, 19:55-20:35
	3-5km SE	Heard	155	Shot		HMG	19-May, 19:55-20:35
	3-4km SE	Heard	36	Shot		AGL	19-May, 19:55-20:35
	5-7km ENE	Heard	7	Explosion	Undetermined	N/K	19-May, 19:55-20:35
	6-8km SE	Heard	15	Explosion	Undetermined	N/K	19-May, 19:55-20:35
	3-5km SE	Heard	57	Burst		HMG	19-May, 21:38-22:07
	3-5km SE	Heard	57	Shot		HMG	19-May, 21:38-22:07
	3-4km SE	Heard	21	Shot		Small arms	19-May, 21:38-22:07
	6-8km SE	Heard	17	Explosion	Undetermined	N/K	19-May, 21:38-22:07
	3-5km SE	Heard	270	Burst		HMG	19-May, 23:21-23:57
	3-5km SE	Heard	120	Shot		HMG	19-May, 23:21-23:57
	4-6km SE	Heard	29	Explosion	Undetermined	N/K	19-May, 23:21-23:57
	8-10km S	Heard	7	Explosion	Undetermined	N/K	19-May, 23:21-23:57
	3-5km SE	Heard	77	Burst		HMG	20-May, 00:07-00:58
	5-7km SE	Heard	126	Explosion	Undetermined	HMG	20-May, 00:07-00:58
	3-5km SE	Heard	96	Burst		HMG	20-May, 01:03-01:45
	5-7km SE	Heard	72	Explosion	Undetermined	HMG	20-May, 01:03-01:45
	3-4km SE	Heard	55	Shot		Small arms	20-May, 01:03-01:45
	3-5km SE	Heard	32	Burst		HMG	20-May, 02:17-03:15
	3-5km SE	Heard	60	Burst		Small arms	20-May, 02:17-03:15
3-5km SE	Heard	12	Burst		HMG	20-May, 05:37-05:50	
E edge of Popasna (government-controlled, 69km W of Luhansk)	0.7-1km E	Heard	5	Shot	Assessed as outside the disengagement area near Zolote.	Small arms	20-May, 12:50-12:55
	1-1.5km NE	Heard	18	Shot	Assessed as outside the disengagement area near Zolote.	Small arms	20-May, 14:24-14:33
SW edge of Berezivske (non-government-controlled, 53km NW of Luhansk)	8-10km NE	Heard	2	Explosion		N/K	20-May, 11:06-11:22
Slovianoserbsk (non-government-controlled, 28km NW of Luhansk)	1km N	Heard	17	Shot		Small arms	20-May, 11:24-11:31
NE edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	4-6km NW	Heard	1	Explosion	Undetermined	N/K	20-May, 11:45

1.5km W of Yuzhna-Lomuvatka (non-government-controlled, 60km W of Luhansk)	10-12km WNW	Heard	1	Explosion	Undetermined	N/K	20-May, 12:00
2km NW of Myrne (non-government-controlled, 28km SW of Luhansk)	3-5km SE	Heard	5	Burst		HMG	20-May, 12:57-12:59

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).