

Table of ceasefire violations as of 28 September 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date and time
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	27-Sep, 19:58
	2-5km S	Recorded	1	Burst	WSW to ENE	N/K	27-Sep, 19:59
	2-4km S	Recorded	3	Burst	WSW to ENE	N/K	27-Sep, 20:02
	2-4km S	Recorded	9	Projectile	S to N	N/K	27-Sep, 20:02
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	27-Sep, 20:05
	2-4km SSE	Recorded	21	Projectile	NW to SE	N/K	27-Sep, 20:27
	2-4km SSW	Recorded	8	Projectile	NW to SE	N/K	27-Sep, 20:39
	2-4km SSW	Recorded	4	Projectile	NW to SE	N/K	27-Sep, 20:40
	2-4km SSW	Recorded	2	Projectile	NW to SE	N/K	27-Sep, 20:46
	2-4km SSW	Recorded	9	Projectile	NW to SE	N/K	27-Sep, 20:47
	2-4km S	Recorded	5	Projectile	ENE to WSW	N/K	27-Sep, 20:47
	2-4km S	Recorded	4	Projectile	ENE to WSW	N/K	27-Sep, 21:08
	2-4km SSW	Recorded	2	Projectile	NW to SE	N/K	27-Sep, 21:12
	2-4km SSW	Recorded	16	Projectile	ENE to WSW	N/K	27-Sep, 21:12
	2-4km SSW	Recorded	1	Projectile	WSW to ENE	N/K	27-Sep, 21:12
	2-4km S	Recorded	6	Projectile	ENE to WSW	N/K	27-Sep, 22:25
	2-4km S	Recorded	4	Projectile	N to S	N/K	27-Sep, 22:26
	1-2km SE	Recorded	1	Projectile	S to N	N/K	27-Sep, 22:34
2-4km SE	Recorded	6	Projectile	ENE to WSW	N/K	28-Sep, 03:42	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	27-Sep, 19:35
	1-2km SSW	Recorded	3	Projectile	NNW to SSE	N/K	27-Sep, 19:46
	1-2km SSW	Recorded	1	Projectile	NNW to SSE	N/K	27-Sep, 19:59
	1-3km SSW	Recorded	1	Projectile	NW to SE	N/K	27-Sep, 21:08
	2-3km SSW	Recorded	20	Projectile	WNW to ESE	N/K	27-Sep, 21:27
	2-5km SSW	Recorded	6	Explosion	Undetermined	N/K	27-Sep, 21:27
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	27-Sep, 21:27

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	1	Illumination flare	In vertical flight	N/K	27-Sep, 21:27
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	27-Sep, 21:28
	0.8-1km SSE	Recorded	1	Projectile	E to W	N/K	27-Sep, 21:59
	0.7-1.5km S	Recorded	4	Projectile	W to E	N/K	27-Sep, 22:13
	0.8-1.2km S	Recorded	1	Explosion	Undetermined	N/K	27-Sep, 22:13
	0.8-1.2km S	Recorded	1	Muzzle flash		N/K	27-Sep, 22:13
	1-1.5km S	Recorded	3	Projectile	WSW to ENE	N/K	27-Sep, 22:14
	0.5-0.8km SE	Recorded	2	Explosion	Undetermined	N/K	27-Sep, 22:14
	1-1.5km S	Recorded	2	Muzzle flash		N/K	27-Sep, 22:14
	1-1.5km S	Recorded	7	Projectile	WSW to ENE	N/K	27-Sep, 23:19
	1-1.5km S	Recorded	1	Projectile	NW to SE	N/K	27-Sep, 23:19
	1-1.5km S	Recorded	11	Projectile	W to E	N/K	27-Sep, 23:20
	1-1.5km S	Recorded	1	Projectile	WNW to ESE	N/K	27-Sep, 23:20
	1-1.5km S	Recorded	5	Projectile	WSW to ENE	N/K	27-Sep, 23:38
	1-1.5km S	Recorded	4	Projectile	WSW to ENE	N/K	27-Sep, 23:39
	1.5-3km S	Recorded	2	Projectile	SE to NW	N/K	27-Sep, 23:39
	1-1.5km S	Recorded	11	Projectile	W to E	N/K	27-Sep, 23:40
	1-2km S	Recorded	1	Projectile	WSW to ENE	N/K	27-Sep, 23:58
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	27-Sep, 23:58
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km ESE	Recorded	3	Projectile	S to N	N/K	27-Sep, 19:11
	2-4km E	Recorded	1	Projectile	N to S	N/K	27-Sep, 19:57
	3-5km ENE	Recorded	2	Projectile	NNW to SSE	N/K	27-Sep, 20:26
	3-5km ENE	Recorded	1	Projectile	SE to NW	N/K	27-Sep, 20:26
	2-4km E	Recorded	10	Projectile	S to N	N/K	27-Sep, 20:27
	2-4km ENE	Recorded	3	Projectile	NNW to SSE	N/K	27-Sep, 20:31
	2-4km ENE	Recorded	3	Projectile	NNW to SSE	N/K	27-Sep, 20:32
	2-4km ENE	Recorded	3	Projectile	N to S	N/K	27-Sep, 20:33
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	27-Sep, 20:44
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	27-Sep, 20:44
	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	27-Sep, 21:19
	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	27-Sep, 21:23
	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	27-Sep, 21:24
	2-4km NE	Recorded	1	Projectile	NNW to SSE	N/K	27-Sep, 22:31

	3-5km ENE	Recorded	4	Projectile	S to N	N/K	27-Sep, 23:34
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	28-Sep, 00:41
	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	28-Sep, 03:02
	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	28-Sep, 03:24
	2-4km E	Recorded	9	Projectile	S to N	N/K	28-Sep, 04:57
	2-4km E	Recorded	4	Projectile	N to S	N/K	28-Sep, 04:58
	2-4km ENE	Recorded	2	Projectile	S to N	N/K	28-Sep, 04:58
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	1-2km ENE	Recorded	23	Projectile	NW to SE	N/K	27-Sep, 22:34
	1-2km ENE	Recorded	3	Projectile	NW to SE	N/K	27-Sep, 22:42
	1-2km ENE	Recorded	3	Projectile	NW to SE	N/K	27-Sep, 23:24
	2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	27-Sep, 23:35
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SSW	Recorded	4	Projectile	ESE to WNW	N/K	27-Sep, 19:19
	2-4km SSW	Recorded	2	Explosion	Undetermined	N/K	27-Sep, 19:19
	2-4km SW	Recorded	5	Projectile	WNW to ESE	N/K	27-Sep, 19:20
	2-4km SW	Recorded	1	Explosion	Undetermined	N/K	27-Sep, 19:21
	2-4km SW	Recorded	1	Projectile	WNW to ESE	N/K	27-Sep, 19:21
	2-4km SSW	Recorded	3	Projectile	WNW to ESE	N/K	27-Sep, 19:27
	2-4km SSW	Recorded	6	Projectile	WNW to ESE	N/K	27-Sep, 19:39
	2-4km SW	Recorded	3	Projectile	WNW to ESE	N/K	27-Sep, 20:37
	2-4km SW	Recorded	1	Projectile	WNW to ESE	N/K	27-Sep, 20:38
	2-4km SW	Recorded	3	Projectile	WNW to ESE	N/K	27-Sep, 20:39
	2-4km SW	Recorded	1	Projectile	WNW to ESE	N/K	27-Sep, 20:43
	2-4km SW	Recorded	1	Projectile	WNW to ESE	N/K	27-Sep, 20:44
	2-4km SW	Recorded	1	Projectile	WNW to ESE	N/K	27-Sep, 20:45
	2-4km SW	Recorded	1	Projectile	ESE to WNW	N/K	27-Sep, 20:49
	2-4km SSW	Recorded	6	Projectile	WNW to ESE	N/K	27-Sep, 21:09
	2-4km SSW	Recorded	9	Projectile	WNW to ESE	N/K	27-Sep, 22:06
	2-4km SSW	Recorded	9	Projectile	WNW to ESE	N/K	28-Sep, 01:29
	2-4km SSW	Recorded	3	Projectile	ESE to WNW	N/K	28-Sep, 01:30
	2-4km SSW	Recorded	2	Projectile	NW to SE	N/K	28-Sep, 01:30
	2-4km SSW	Recorded	1	Projectile	WNW to ESE	N/K	28-Sep, 01:50
2-4km SSW	Recorded	1	Projectile	NW to SE	N/K	28-Sep, 01:50	
2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	28-Sep, 01:50	
2-4km SSW	Recorded	1	Projectile	WNW to ESE	N/K	28-Sep, 01:51	

	2-4km SSW	Recorded	3	Projectile	WNW to ESE	N/K	28-Sep, 01:52
	2-4km SW	Recorded	1	Projectile	ESE to WNW	N/K	28-Sep, 02:51
	2-4km SSW	Recorded	2	Projectile	WNW to ESE	N/K	28-Sep, 05:14
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km NE	Recorded	2	Explosion	Undetermined	N/K	27-Sep, 21:47
	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Sep, 02:33
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	2	Projectile	W to E	N/K	27-Sep, 19:54
	0.5-1.5km E	Recorded	1	Explosion	Mine	Other	28-Sep, 17:17
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	28-Sep, 18:02
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	28-Sep, 19:03
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	28-Sep, 18:05
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	28-Sep, 18:06
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	28-Sep, 18:08
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	28-Sep, 18:09
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	28-Sep, 18:09
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	28-Sep, 18:11
	1-2km S	Recorded	2	Explosion	Undetermined	N/K	28-Sep, 18:12
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	28-Sep, 18:13
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	28-Sep, 18:14
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	28-Sep, 18:15
	1-3km S	Recorded	2	Explosion	Undetermined	N/K	28-Sep, 18:29
	1-3km S	Recorded	1	Explosion	Undetermined	N/K	28-Sep, 18:30
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	3	Burst		HMG	28-Sep, 09:23
	2-3km N	Heard	2	Burst		HMG	28-Sep, 09:49
	2-3km N	Heard	15	Shot		Small arms	28-Sep, 09:57-10:03
	2-3km N	Heard	29	Shot		Small arms	28-Sep, 10:16-10:28
	2-3km N	Heard	20	Shot		Small arms	28-Sep, 10:33-11:00
	2-3km SW	Heard	3	Shot		Small arms	28-Sep, 11:08
	2-3km N	Heard	9	Shot		Small arms	28-Sep, 11:09-11:13
	2-3km SW	Heard	3	Shot		Small arms	28-Sep, 11:13

	2-3km SW	Heard	6	Shot		Small arms	28-Sep, 11:26
	2-3km SW	Heard	30	Shot		Small arms	28-Sep, 11:37-11:44
	2-3km SW	Heard	8	Burst		Small arms	28-Sep, 11:37-11:44
	1-2km SW	Heard	21	Shot		Small arms	28-Sep, 12:19
	2-3km SW	Heard	11	Shot		Small arms	28-Sep, 12:21-12:24
	1-2km SW	Heard	1	Explosion	Undetermined	N/K	28-Sep, 12:24
	2-3km N	Heard	5	Shot		Small arms	28-Sep, 12:48-12:52
	2-3km SW	Heard	10	Shot		Small arms	28-Sep, 13:03
	2-3km SW	Heard	5	Shot		Small arms	28-Sep, 13:30
	2-3km N	Heard	17	Shot		Small arms	28-Sep, 14:30-14:57
	2-3km N	Heard	14	Burst		Small arms	28-Sep, 14:30-14:57
	2-3km N	Heard	9	Explosion	Undetermined	N/K	28-Sep, 14:35
	2-3km SW	Heard	65	Shot		Small arms	28-Sep, 14:32-14:57
	2-3km SW	Heard	4	Burst		HMG	28-Sep, 14:32-14:57
	1km N	Heard	1	Explosion	Undetermined	N/K	28-Sep, 15:03
	1km N	Heard	17	Burst		Small arms	28-Sep, 15:03
Trudivski area in Petrovskiyi district (non-government-controlled, 15km SW of Donetsk city centre)	1km W	Heard	1	Shot		Small arms	28-Sep, 11:13
	1km W	Heard	1	Burst		Small arms	28-Sep, 11:13
	1km W	Heard	2	Shot		Small arms	28-Sep, 11:27
	1km W	Heard	2	Burst		Small arms	28-Sep, 11:27
Sarabash (non-government-controlled, 26km S of Donetsk)	1km S	Heard	3	Burst		Small arms	28-Sep, 11:45
3km S of Dokuchaievsk (non-	3-4km SSW	Heard	5	Shot		Small arms	28-Sep, 12:09-12:10

government-controlled, 30km SW of Donetsk)							
3km S of Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	2-4km S	Heard	3	Burst		Small arms	28-Sep, 12:14-12:18
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Heard	7	Explosion	Undetermined	N/K	28-Sep, 14:00
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Heard	2	Explosion	Undetermined	N/K	28-Sep, 14:17
6.5km NW of Donetsk city centre	4-5km SW	Heard	6	explosion	Undetermined	N/K	28-Sep, 15:24
1km NNW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	2-3km SE	Heard	9	Explosion	Undetermined	N/K	28-Sep, 09:42-09:45
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	28-Sep, 09:50-10:00
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	28-Sep, 09:50-10:00
	1.5km E	Heard	8	Shot		Small arms	28-Sep, 09:50-10:00
	1.5km NE	Heard	3	Explosion	Undetermined	N/K	28-Sep, 10:10-10:25
	2-3km NNE	Heard	2	Explosion	Undetermined	N/K	28-Sep, 10:10-10:25
	2km E	Heard	5	Burst		N/K	28-Sep, 10:10-10:25
	1.5km E	Heard	5	Shot		HMG	28-Sep, 10:10-10:25
	2km NNE	Heard	35	Explosion	Undetermined	N/K	28-Sep, 10:25-10:30
	2km NNE	Heard	5	Burst		HMG	28-Sep, 10:25-10:30
	0.7km NE	Heard	5	Shot		Small arms	28-Sep, 10:25-10:30
	2-3km NNE	Heard	9	Explosion	Undetermined	N/K	28-Sep, 10:35-10:45
	2-3km NNE	Heard	2	Burst		HMG	28-Sep, 10:35-10:45

	2-3km NNE	Heard	3	Shot		Small arms	28-Sep, 10:35-10:45
	2-3km NE	Heard	1	Explosion	Undetermined	N/K	28-Sep, 10:46-10:55
	2-3km SSE	Heard	4	Burst		HMG	28-Sep, 10:46-10:55
	3-4km SSE	Heard	9	Explosion	Undetermined	N/K	28-Sep, 13:25-13:35
	3-4km SSE	Heard	27	Explosion	Undetermined	N/K	28-Sep, 13:40-14:00
Verkhnoшыrokivske (non-government-controlled, 29km NE of Mariupol)	1km NE	Heard	20	Shot		Small arms	28-Sep, 10:15
2km SW of Pыshchevyk (government-controlled, 25km NE of Mariupol)	5-8km ESE	Heard	8	Explosion	Undetermined	N/K	28-Sep, 12:33-12:38
	N/K SSE	Heard	20	Explosion	Undetermined	N/K	28-Sep, 13:02
Bezimenne (non-government-controlled, 30km E of Mariupol)	N/K W	Heard	1	Explosion	Undetermined	N/K	28-Sep, 12:25-12:34
	N/K NNW	Heard	4	Explosion	Undetermined	N/K	28-Sep, 12:25-12:34
3km NW of Mykolaivka (non-government-controlled, 39km NE of Mariupol)	4-6km NNW	Heard	1	Explosion	Undetermined	N/K	28-Sep, 13:10
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km SW	Heard	3	Burst		HMG	27-Sep, 19:38
	2-3km SW	Heard	7	Burst		HMG	27-Sep, 19:45
	3-5km SW	Heard	4	Explosion	Undetermined	N/K	27-Sep, 19:48
	2-3km SW	Heard	3	Burst		HMG	27-Sep, 19:55
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	27-Sep, 19:56
	2-3km SW	Heard	6	Burst		HMG	27-Sep, 20:08-20:10
	3-5km SW	Heard	4	Explosion	Undetermined	N/K	27-Sep, 20:53
	2-3km SW	Heard	14	Burst		HMG	27-Sep, 20:58-21:00
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	27-Sep, 21:00
	2-3km SW	Heard	3	Burst		HMG	27-Sep, 21:11
	2-3km SW	Heard	19	Burst		HMG	27-Sep, 21:15-21:19
2-3km SW	Heard	5	Burst		HMG	27-Sep, 21:53	

	2-3km SW	Heard	1	Explosion	Undetermined	N/K	27-Sep, 21:55
	2-3km SW	Heard	2	Burst		HMG	27-Sep, 21:57
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	27-Sep, 22:05
	2-3km SW	Heard	5	Explosion	Undetermined	N/K	27-Sep, 22:20
	2-3km SW	Heard	10	Burst		HMG	27-Sep, 22:20-22:21
	2-3km SW	Heard	6	Explosion	Undetermined	N/K	27-Sep, 22:22
	2-3km SW	Heard	3	Burst		HMG	27-Sep, 22:22
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	27-Sep, 23:00
	4-6km SW	Heard	2	Explosion	Undetermined	N/K	27-Sep, 23:52
	4-6km WSW	Heard	3	Explosion	Undetermined	N/K	28-Sep, 14:15
	2-3km WSW	Heard	2	Burst		HMG	28-Sep, 14:18
	4-6km WSW	Heard	1	Explosion	Undetermined	N/K	28-Sep, 14:20
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-6km NNW	Heard	10	Burst		HMG	27-Sep, 23:38-23:40
	5-6km NNW	Heard	3	Burst		HMG	27-Sep, 23:43
	5-6km NNW	Heard	6	Burst		HMG	28-Sep, 00:14
	5-6km NNW	Heard	3	Burst		HMG	28-Sep, 00:17
NW edge of Horlivka (non-government controlled, 39km NE of Donetsk)	1-2km NW	Heard	5	Shot		Small arms	28-Sep, 09:25
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	28-Sep, 10:57
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	28-Sep, 11:06
	2-3km NW	Heard	4	Shot		Small arms	28-Sep, 11:35
	5-6km NW	Heard	2	Explosion	Undetermined	N/K	28-Sep, 15:28
	5-6km NW	Heard	1	Explosion	Undetermined	N/K	28-Sep, 15:40
1.6km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km W	Heard	15	Shot		Small arms	28-Sep, 10:52-10:55
	2-3km W	Heard	10	Shot		Small arms	28-Sep, 11:05
	1km W	Heard	15	Shot		Small arms	28-Sep, 11:50
	4-6km S	Heard	2	Explosion	Undetermined	N/K	28-Sep, 14:20
	1-2km E	Heard	2	Burst		Small arms	28-Sep, 14:35
2km WSW of Zalizne (government-controlled, 42km)	1-2km S	Heard	1	Explosion	Undetermined	N/K	28-Sep, 11:35
	5-6km SSE	Heard	1	Explosion	Undetermined	N/K	28-Sep, 13:52

north-east of Donetsk)	1-2km SSE	Heard	1	Explosion	Undetermined	N/K	28-Sep, 13:55
Zolote-4/Rodina (government-controlled, 59km NW of Luhansk)	2-3km SW	Heard	1	Shot	Assessed as inside the disengagement area	Small arms	28-Sep, 12:03
	15km S	Heard	1	Explosion	Undetermined	N/K	28-Sep, 12:05

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).