

Table of ceasefire violations as of 11 November 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km ESE	Recorded	5	Projectile	S to N	N/K	9-Nov, 20:01
	3-5km E	Recorded	2	Projectile	N to S	N/K	9-Nov, 20:03
	3-5km E	Recorded	1	Projectile	In vertical flight	N/K	9-Nov, 20:03
	3-5km E	Recorded	1	Projectile	N to S	N/K	9-Nov, 20:04
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	9-Nov, 20:04
	3-5km E	Recorded	3	Projectile	S to N	N/K	9-Nov, 20:04
	3-5km ESE	Recorded	1	Projectile	S to N	N/K	9-Nov, 20:08
	3-5km ESE	Recorded	1	Projectile	In vertical flight	N/K	9-Nov, 20:08
	3-5km ENE	Recorded	1	Projectile	N to S	N/K	9-Nov, 20:25
	2-4km E	Recorded	4	Projectile	S to N	N/K	9-Nov, 19:50
	2-4km E	Recorded	2	Explosion	Undetermined	N/K	9-Nov, 19:50
	2-4km E	Recorded	2	Projectile	N to S	N/K	9-Nov, 19:51
	2-4km E	Recorded	4	Projectile	N to S	N/K	9-Nov, 19:52
	2-4km E	Recorded	5	Projectile	N to S	N/K	10-Nov, 18:02
	2-4km E	Recorded	2	Projectile	N to S	N/K	10-Nov, 18:08
	2-4km ESE	Recorded	1	Projectile	S to N	N/K	10-Nov, 18:13
	2-4km ESE	Recorded	1	Projectile	S to N	N/K	10-Nov, 18:15
	2-4km ESE	Recorded	1	Projectile	S to N	N/K	10-Nov, 18:16
2-4km ESE	Recorded	1	Projectile	S to N	N/K	10-Nov, 18:18	
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	3-5km NE	Recorded	2	Explosion	Undetermined	N/K	9-Nov, 20:14
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	9-Nov, 21:31
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Projectile	W to E	N/K	10-Nov, 18:00
	0.1-0.5km S	Recorded	2	Projectile	SE to NW	N/K	10-Nov, 18:05
	0.5-1km SSW	Recorded	1	Projectile	E to W	N/K	10-Nov, 18:05
	0.3-0.5km S	Recorded	1	Projectile	SE to NW	N/K	10-Nov, 18:10
	1-2km SSW	Recorded	1	Projectile	W to E	N/K	10-Nov, 18:16
1-2km SSW	Recorded	1	Projectile	W to E	N/K	10-Nov, 18:23	
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-4km SW	Heard	4	Explosion	Undetermined	N/K	10-Nov, 09:35-09:52
	2km SW	Heard	2	Shot		Small arms	10-Nov, 10:52
	3-4km SSW	Heard	1	Explosion	Undetermined	N/K	10-Nov, 10:56
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	10-Nov, 11:12
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km W	Heard	2	Explosion	Outgoing	N/K	10-Nov, 12:53
	1-2km W	Heard	1	Explosion	Outgoing	N/K	10-Nov, 12:55
	1-2km W	Heard	2	Explosion	Outgoing	N/K	10-Nov, 12:58
	2km W	Heard	15	Shot		Small arms	10-Nov, 13:08
	3-4km W	Heard	1	Explosion	Undetermined	N/K	10-Nov, 13:08
	2km W	Heard	1	Explosion	Undetermined	N/K	10-Nov, 13:09
	2-3km NNW	Heard	6	Shot		HMG	10-Nov, 13:16
5km NW of Donetsk city centre	2-5km N	Heard	1	Explosion	Undetermined	N/K	10-Nov, 14:37

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.

Berezove (government-controlled, 31km SW of Donetsk)	N/K NE	Heard	1	Explosion	Undetermined	N/K	8-Nov, 09:56
Sopyne (government-controlled, 16km E of Mariupol)	N/K NE	Heard	8	Burst		HMG	8-Nov, 11:22-11:23
	N/K NE	Heard	1	Explosion	Undetermined	N/K	10-Nov, 10:52
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	3km E	Heard	4	Burst		HMG	8-Nov, 11:50-11:52
	3km NE	Heard	1	Explosion	Impact	N/K	8-Nov, 11:50-11:52
	3km E	Heard	13	Burst		HMG	8-Nov, 11:53-12:06
	3km NE	Heard	7	Explosion	Impact	N/K	8-Nov, 11:53-12:06
	N/K NE	Heard	1	Explosion	Undetermined	N/K	10-Nov, 12:06
	N/K N	Heard	4	Explosion	Undetermined	N/K	10-Nov, 12:25-12:45
	N/K N	Heard	33	Burst	Outgoing	Small arms	10-Nov, 12:25-12:45
	N/K N	Heard	1	Shot	Outgoing	Small arms	10-Nov, 12:25-12:45
	N/K N	Heard	1	Shot	Outgoing	Small arms	10-Nov, 12:55
Orlivske (government-controlled, 23km NE of Mariupol)	N/K ESE	Heard	2	Shot	Outgoing	Small arms	10-Nov, 10:10
	N/K ESE	Heard	2	Shot	Outgoing	Small arms	10-Nov, 10:27
	N/K E	Heard	3	Burst	Outgoing	Small arms	10-Nov, 10:45-10:55
	N/K SSE	Heard	2	Explosion	Undetermined	N/K	10-Nov, 10:45-10:55
	N/K ENE	Heard	80	Shot	Outgoing	Small arms	10-Nov, 10:45-10:55
	1km NE	Heard	200	Shot	Outgoing (Assessed to be live-fire training exercises)	Small arms	10-Nov, 11:06-11:15
	1km NE	Heard	90	Shot	Outgoing (Assessed to be live-fire training exercises)	Small arms	10-Nov, 11:20-11:30
	1km NE	Heard	4	Burst	Outgoing (Assessed to be live-fire training exercises)	Small arms	10-Nov, 11:20-11:30
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-8km SW	Heard	4	Explosion	Undetermined	N/K	9-Nov, 19:57-19:59
	5-8km SW	Heard	2	Explosion	Undetermined	N/K	9-Nov, 20:03
	5-8km SW	Heard	29	Burst		HMG	10-Nov, 14:17-14:20
	5-6km NW	Heard	7	Explosion	Undetermined	N/K	10-Nov, 14:22
	5-6km NW	Heard	5	Explosion	Undetermined	N/K	10-Nov, 14:29
	5-6km NW	Heard	8	Explosion	Undetermined	N/K	10-Nov, 14:32-14:33
	5-6km NW	Heard	60	Burst		HMG	10-Nov, 14:34-14:37
	5-6km SW	Heard	4	Explosion	Undetermined	N/K	10-Nov, 14:40
	5-6km NW	Heard	17	Burst		HMG	10-Nov, 14:42
	5-6km NW	Heard	15	Explosion	Undetermined	N/K	10-Nov, 14:52-14:55
	5-6km NW	Heard	12	Burst		HMG	10-Nov, 14:56-15:00
5-6km NW	Heard	3	Explosion	Undetermined	N/K	10-Nov, 15:05	

	5-6km NW	Heard	13	Burst		HMG	10-Nov, 15:20
	5-6km NW	Heard	5	Burst		HMG	10-Nov, 15:32
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km SSE	Heard	2	Explosion	Undetermined	N/K	9-Nov, 19:07
	4-6km SSE	Heard	2	Burst		Small arms	9-Nov, 19:11
	5-7km SSE	Heard	9	Explosion	Undetermined	N/K	9-Nov, 19:15-19:18
	5-7km SSE	Heard	10	Burst		Small arms	9-Nov, 19:16-19:19
	5-7km SSE	Heard	2	Explosion	Undetermined	N/K	9-Nov, 19:21
	4-6km SE	Heard	13	Shot		Small arms	9-Nov, 19:22
	5-7km S	Heard	2	Explosion	Undetermined	N/K	9-Nov, 19:39
	5-7km S	Heard	6	Burst		Small arms	9-Nov, 19:43
	4-6km SE	Heard	4	Burst		Small arms	9-Nov, 19:46
	4-6km SE	Heard	8	Burst		HMG	9-Nov, 21:10-21:11
	5-7km SSE	Heard	6	Explosion	Undetermined	N/K	9-Nov, 21:19-21:23
	4-6km SSE	Heard	8	Shot		Small arms	9-Nov, 21:20-21:21
	5-7km SSE	Heard	11	Burst		Small arms	9-Nov, 21:21-21:24
	5-7km SSE	Heard	2	Explosion	Undetermined	N/K	9-Nov, 21:27
	4-6km SE	Heard	4	Burst		Small arms	9-Nov, 21:34
	4-6km SSE	Heard	14	Shot		Small arms	9-Nov, 22:13-22:14
	4-6km SSE	Heard	3	Burst		Small arms	9-Nov, 22:14
	4-6km SE	Heard	6	Explosion	Undetermined	N/K	9-Nov, 22:30-22:34
	4-6km SE	Heard	3	Explosion	Undetermined	N/K	9-Nov, 22:40
	4-6km S	Heard	3	Burst		Small arms	9-Nov, 22:41
	4-6km SW	Heard	2	Burst		Small arms	9-Nov, 22:41
	3-4km SSE	Heard	8	Explosion	Undetermined	N/K	9-Nov, 22:45-22:47
	4-6km SSE	Heard	9	Burst		Small arms	9-Nov, 22:47-22:49
	4-6km SE	Heard	4	Burst		Small arms	9-Nov, 22:48
	4-6km SSE	Heard	3	Burst		Small arms	9-Nov, 22:51
	5-7km SSE	Heard	2	Explosion	Undetermined	N/K	9-Nov, 22:56
	5-7km SE	Heard	8	Explosion	Undetermined	N/K	9-Nov, 22:57-23:00
	5-7km SE	Heard	2	Explosion	Undetermined	N/K	9-Nov, 23:25
	5-7km SW	Heard	9	Burst		Small arms	9-Nov, 23:42
	5-6km SW	Heard	1	Explosion	Undetermined	N/K	10-Nov, 11:40
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	10-Nov, 12:34
	3-5km E	Heard	1	Explosion	Undetermined	N/K	10-Nov, 13:44
4-6km SE	Heard	1	Explosion	Undetermined	N/K	10-Nov, 15:50	
3-5km SE	Heard	20	Burst		HMG	10-Nov, 18:00-18:05	
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Nov, 23:41
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Nov, 23:48
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Nov, 23:50
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Nov, 23:58

N edge of Zolote disengagement area (government-controlled, 60km W of Luhansk)	2-3km SE	Heard	6	Shot	Assessed as inside the disengagement area	Small arms	10-Nov, 10:17-10:21
	2-3km SE	Heard	2	Burst	Assessed as inside the disengagement area	HMG	10-Nov, 10:17-10:21
	3-5km SE	Heard	3	Explosion	Undetermined (Assessed as outside the disengagement area)	N/K	10-Nov, 10:17-10:21
	1-2km S	Heard	8	Shot	Assessed as inside the disengagement area	Small arms	10-Nov, 10:31-10:51
	2-3km ESE	Heard	2	Shot	Unable to assess whether inside or outside the disengagement area	IFV (BMP-1) cannon (73mm)	10-Nov, 10:32-10:37
	1-2km SSE	Heard	1	Burst	Assessed as inside the disengagement area	HMG	10-Nov, 10:41
	1-2km S	Heard	16	Shot	Assessed as inside the disengagement area	IFV (BMP-1) cannon (73mm)	10-Nov, 12:10-12:16
	1-2km S	Heard	6	Explosion	Impact (Assessed as inside the disengagement area)	Mortar (type N/K)	10-Nov, 12:13-12:16
S edge of Zolote disengagement area (non-government-controlled, 58km W of Luhansk)	2-3km NNE	Heard	2	Shot	Unable to assess whether inside or outside the disengagement area	Small arms	10-Nov, 10:30-10:32
	2-3km NW	Heard	5	Shot and burst	Unable to assess whether inside or outside the disengagement area	Small arms	10-Nov, 10:37-10:45
2.5km SSE of Muratove (government-controlled, 51km NW of Luhansk)	5-10km SSW	Heard	2	Explosion	Undetermined	N/K	10-Nov, 10:34
1.3km NE of Dachne (non-government-controlled, 47km W of Luhansk)	7-10km W	Heard	10	Explosion	Undetermined	N/K	10-Nov, 10:15-10:22
Kriakivka (government-controlled, 38km NW of Luhansk)	3-7km SW	Heard	2	Explosion	Undetermined	N/K	10-Nov, 11:15
500m N of Stanytsia Luhanska bridge (15km NE of Luhansk)	About 1km SW	Heard	4	Shot	Assessed as inside the disengagement area	Small arms	10-Nov, 12:25-12:30

	About 1km W	Heard	7	Shot	Assessed as outside the disengagement area	Small arms	10-Nov, 12:25-12:30
	About 400m W	Heard	1	Shot	Assessed as inside the disengagement area	Small arms	10-Nov, 12:31
800m N of Stanytsia Luhanska bridge (15km NE of Luhansk)	About 2km W	Heard	12	Shot	Assessed as outside the disengagement area	Small arms	10-Nov, 12:44-12:50
	About 2km W	Heard	2	Burst	Assessed as outside the disengagement area	HMG	10-Nov, 12:44-12:50
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	1.7-1.8km SE	Heard	20	Shot and Burst	Assessed as aimed at the UAV	Small arms	10-Nov, 13:44-13:45
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	1-3km SSE	Recorded	1	Projectile	ENE to WSW	N/K	10-Nov, 20:56
	1-3km SSE	Recorded	1	Projectile	ENE to WSW	N/K	10-Nov, 23:35
	1-3km SSE	Recorded	1	Projectile	ENE to WSW	N/K	11-Nov, 00:15
	1-3km SSE	Recorded	1	Muzzle flash	ENE to WSW	N/K	11-Nov, 00:15
	1-3km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 00:16
	1-3km SSE	Recorded	7	Projectile	ENE to WSW	N/K	11-Nov, 00:56
	1-3km SSE	Recorded	8	Projectile	ENE to WSW	N/K	11-Nov, 00:57
	1-3km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	11-Nov, 02:24
	1-3km SSE	Recorded	4	Projectile	ENE to WSW	N/K	11-Nov, 03:29
	1-3km SSE	Recorded	3	Projectile	ENE to WSW	N/K	11-Nov, 03:47
	2-4km SSE	Recorded	26	Projectile	ENE to WSW	N/K	11-Nov, 17:02
	2-4km SSE	Recorded	13	Projectile	ENE to WSW	N/K	11-Nov, 17:03
	2-4km SSE	Recorded	12	Projectile	ENE to WSW	N/K	11-Nov, 17:07
	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	11-Nov, 17:08
	2-4km SSE	Recorded	4	Projectile	WSW to ENE	N/K	11-Nov, 17:13
2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	11-Nov, 17:30	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SSE	Recorded	1	Projectile	NW to SE	N/K	10-Nov, 20:15
	1-3km SSW	Recorded	2	Projectile	W to E	N/K	10-Nov, 20:16
	2-4km S	Recorded	1	Projectile	E to W	N/K	10-Nov, 22:09
	1-3km S	Recorded	1	Projectile	N to S	N/K	10-Nov, 23:52
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 02:30
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 04:01
	1-3km SSW	Recorded	1	Projectile	W to E	N/K	11-Nov, 05:33
	1-3km SSW	Recorded	1	Projectile	E to W	N/K	11-Nov, 05:38
	2-4km SSW	Recorded	2	Explosion	Undetermined	N/K	11-Nov, 17:33
	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 17:46
	2-4km SSW	Recorded	1	Projectile	W to E	N/K	11-Nov, 18:13
	2-4km SSW	Recorded	1	Explosion	Airburst	N/K	11-Nov, 18:13
	2-4km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	11-Nov, 18:26
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km E	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 00:57
	2-4km E	Recorded	1	Projectile	In vertical flight	N/K	10-Nov, 18:08
	2-4km ESE	Recorded	1	Projectile	In vertical flight	N/K	10-Nov, 18:18
	2-4km ESE	Recorded	1	Explosion	Impact	N/K	10-Nov, 18:32
	2-4km ESE	Recorded	1	Projectile	S to N	N/K	10-Nov, 19:49
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 21:24
	3-5km E	Recorded	9	Projectile	S to N	N/K	10-Nov, 21:50
	3-5km E	Recorded	2	Explosion	Undetermined	N/K	10-Nov, 21:50
	3-5km ENE	Recorded	1	Projectile	N to S	N/K	10-Nov, 21:51
	3-5km E	Recorded	1	Projectile	N to S	N/K	10-Nov, 21:54
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 21:54
	3-5km E	Recorded	1	Projectile	S to N	N/K	10-Nov, 23:49

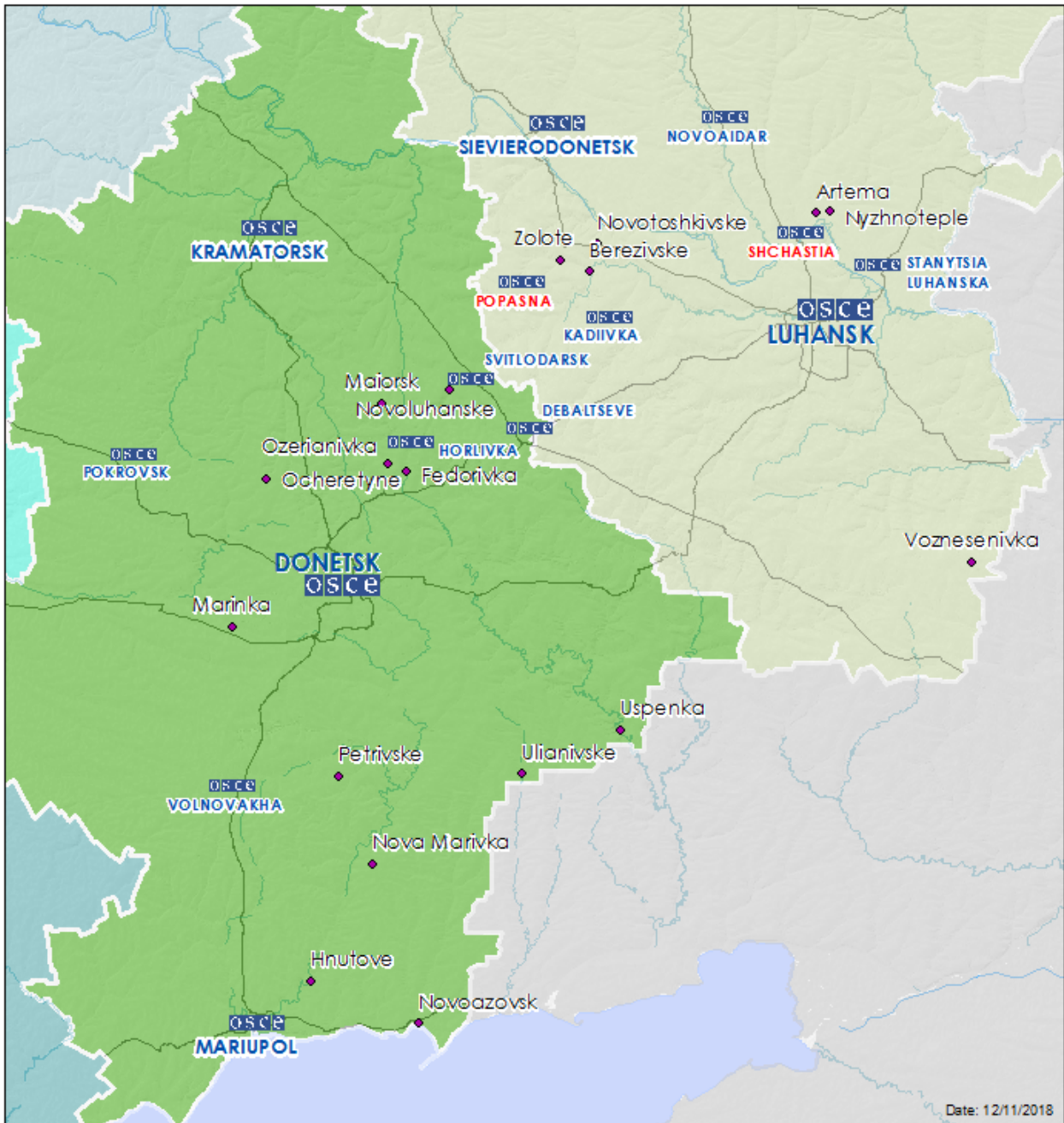
	3-5km ESE	Recorded	2	Projectile	N to S	N/K	10-Nov, 23:49
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 02:59
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 03:05
	3-5km E	Recorded	2	Explosion	Undetermined	N/K	11-Nov, 03:08
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 03:09
	3-5km E	Recorded	9	Projectile	S to N	N/K	11-Nov, 04:22
	3-5km ESE	Recorded	3	Projectile	N to S	N/K	11-Nov, 04:30
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 04:33
	3-5km E	Recorded	1	Projectile	S to N	N/K	11-Nov, 04:51
	2-4km E	Recorded	3	Projectile	N to S	N/K	11-Nov, 18:19
	2-4km E	Recorded	1	Explosion	Impact	N/K	11-Nov, 18:20
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km E	Recorded	2	Explosions	Undetermined	N/K	10-Nov, 22:20
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 20:37
	3-5km NE	Recorded	4	Explosion	Undetermined	N/K	10-Nov, 20:40
	3-5km NE	Recorded	5	Projectile	SE to NW	N/K	10-Nov, 20:40
	3-5km NE	Recorded	4	Explosion	Undetermined	N/K	10-Nov, 20:42
	3-5km NE	Recorded	4	Projectile	SE to NW	N/K	10-Nov, 20:42
	3-5km NE	Recorded	7	Explosion	Undetermined	N/K	10-Nov, 20:43
	3-5km NE	Recorded	7	Projectile	SE to NW	N/K	10-Nov, 20:43
	3-5km NE	Recorded	8	Projectile	SE to NW	N/K	10-Nov, 20:44
	3-5km ENE	Recorded	2	Muzzle flash		N/K	10-Nov, 20:44
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 20:45
	3-5km NE	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 20:48
	3-5km NE	Recorded	2	Explosion	Undetermined	N/K	10-Nov, 20:51
	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 20:58
	3-5km NE	Recorded	4	Projectile	SE to NW	N/K	10-Nov, 20:59
	3-5km ENE	Recorded	1	Muzzle flash		N/K	10-Nov, 20:59
	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 21:01
	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 21:09
	3-5km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	10-Nov, 21:12
	3-5km ENE	Recorded	1	Projectile	In vertical flight	N/K	10-Nov, 21:17
	3-5km ENE	Recorded	1	Explosion	Airburst	N/K	10-Nov, 21:17
3-5km E	Recorded	11	Projectile	SE to NW	N/K	10-Nov, 21:22	
3-5km E	Recorded	3	Muzzle flash	Undetermined	N/K	10-Nov, 21:22	
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km E	Recorded	13	Projectile	N to S	N/K	10-Nov, 20:58
	1-3km E	Recorded	15	Projectile	N to S	N/K	10-Nov, 21:21
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-3km E	Recorded	4	Projectile	N to S	N/K	11-Nov, 05:40
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 04:00
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 20:48
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 20:51
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 20:56
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 21:03
	2-4km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	10-Nov, 21:12
	2-4km S	Recorded	1	Projectile	W to E	N/K	10-Nov, 21:17
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 03:33
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	3-5km NNE	Recorded	1	Projectile	In vertical flight	N/K	10-Nov, 22:26

Avdiivka (government-controlled, 17km N of Donetsk)	4-5km SE	Heard	1	Explosion	Undetermined	N/K	11-Nov, 11:25
Donetsk city centre (non-government-controlled)	N/K N	Heard	1	Explosion	Undetermined	N/K	11-Nov, 09:08
1.3km NE of Donetsk central railway station (non-government-controlled, 6km NW of Donetsk)	2-3km N	Heard	20	Burst		HMG	11-Nov, 14:24
1.1km NW of Yasynuvata Railway station (non-government-controlled, 16km NE of Donetsk)	1-2km NW	Heard	2	Explosion	Undetermined	N/K	11-Nov, 09:28-09:31
	2-3km SW	Heard	15	Shot		Small arms	11-Nov, 09:50
	2km SW	Heard		Shot	Uncountable, overlapping	Small arms	11-Nov, 10:07
	2-3km SW	Heard and saw	2	Explosion	Undetermined	N/K	11-Nov, 13:20-13:28
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	11-Nov, 13:32-13:33
	1-2km SW	Heard and saw	1	Explosion	Airburst	N/K	11-Nov, 13:37
	2-3km W	Heard	2	Explosion	Undetermined	N/K	11-Nov, 13:40
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	11-Nov, 13:50-14:00
2km SE of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NNE	Heard	1	Explosion	Undetermined	N/K	11-Nov, 10:50
	N/K NNE	Heard	1	Explosion	Outgoing	N/K	11-Nov, 11:04
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km SW	Heard	1	Explosion	Undetermined	N/K	10-Nov, 18:31
	3-5km SE	Heard	2	Burst		Small arms	10-Nov, 18:44
	3-5km SE	Heard	2	Burst		Small arms	10-Nov, 18:48
	3-5km SE	Heard	4	Shot		Small arms	10-Nov, 18:49
	5-7km SW	Heard	3	Explosion	Undetermined	N/K	10-Nov, 18:50
	3-5km SE	Heard	12	Burst		Small arms	10-Nov, 18:51-18:52
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	10-Nov, 18:51
	4-6km SE	Heard	2	Explosion	Undetermined	N/K	10-Nov, 19:02
	4-6km SE	Heard	9	Burst		Small arms	10-Nov, 19:02
	5-7km SE	Heard	1	Explosion	Undetermined	N/K	10-Nov, 19:11
	5-7km SSE	Heard	1	Explosion	Undetermined	N/K	10-Nov, 19:17
	4-6km SE	Heard	3	Burst		Small arms	10-Nov, 19:18
	5-7km SE	Heard	2	Explosion	Undetermined	N/K	10-Nov, 19:27
	4-6km SE	Heard	1	Burst		Small arms	10-Nov, 19:28
	4-6km E	Heard	5	Burst		Small arms	10-Nov, 19:28-19:29
	4-6km SE	Heard	2	Burst		Small arms	10-Nov, 19:40
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	10-Nov, 19:41
	3-5km SE	Heard	10	Burst		Small arms	10-Nov, 19:42-19:45
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	10-Nov, 19:47
	5-7km S	Heard	2	Explosion	Undetermined	N/K	10-Nov, 20:31

	5-7km E	Heard	6	Burst		Small arms	10-Nov, 20:31
	5-7km SSW	Heard	8	Burst		HMG	10-Nov, 20:49
	4-6km SE	Heard	8	Burst		HMG	10-Nov, 21:08
	4-6km SE	Heard	5	Explosion	Undetermined	N/K	10-Nov, 21:08-21:09
	3-4km S	Heard	5	Shot		Small arms	10-Nov, 21:14
	5-7km SW	Heard	4	Explosion	Undetermined	N/K	10-Nov, 21:14-21:16
	6-8km SW	Heard	6	Explosion	Undetermined	N/K	10-Nov, 21:29-21:32
	5-7km S	Heard	1	Explosion	Undetermined	N/K	10-Nov, 21:30
	5-7km SSW	Heard	4	Shot		Small arms	10-Nov, 21:31
	3-5km SE	Heard	5	Shot		Small arms	10-Nov, 22:09
	3-5km SE	Heard	6	Burst		Small arms	10-Nov, 22:11
	2-4km SE	Heard	9	Shot		Small arms	10-Nov, 22:23
	2-4km SE	Heard	6	Shot		Small arms	10-Nov, 22:27
	2-4km SE	Heard	9	Burst		Small arms	10-Nov, 22:44-22:47
	5-7km SE	Heard	6	Explosion	Undetermined	N/K	10-Nov, 22:54
	3-5km E	Heard	3	Burst		Small arms	10-Nov, 23:23
	3-5km SE	Heard	7	Burst		Small arms	10-Nov, 22:37
	2-4km SE	Heard	3	Burst		Small arms	10-Nov, 23:52
	2-4km SE	Heard	5	Burst		Small arms	10-Nov, 23:57
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	11-Nov, 17:02
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	11-Nov, 17:07
	3-4km SE	Heard	3	Burst		HMG	11-Nov, 17:22
	3-4km E	Heard	9	Burst		HMG	11-Nov, 17:34
	3-4km E	Heard	1	Burst		HMG	11-Nov, 17:51
	3-4km SE	Heard	6	Burst		HMG	11-Nov, 18:06
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	11-Nov, 18:06
	3-4km SE	Heard	3	Burst		HMG	11-Nov, 18:11
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	11-Nov, 18:14
	2km SE	Heard	1	Explosion	Undetermined	N/K	11-Nov, 18:15
	4km SE	Heard	8	Burst		HMG	11-Nov, 18:16
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	11-Nov, 18:17
	3-4km SE	Heard	4	Burst		HMG	11-Nov, 18:18
	4-5km E	Heard	1	Explosion	Undetermined	N/K	11-Nov, 18:18
	4-5km SE	Heard	3	Burst		HMG	11-Nov, 18:20
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	11-Nov, 18:25
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	11-Nov, 18:28
E edge of Kamianka (government-controlled, 20km N of Donetsk)	2-4km E	Heard	1	Explosion	Impact	N/K	11-Nov, 09:22
	2-4km E	Heard	1	Explosion	Impact	N/K	11-Nov, 09:33
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	2-4km E	Recorded	1	Explosion	Undetermined	N/K	10-Nov, 21:21

S edge of Berezivske (non-government-controlled, 53km NW of Luhansk)	2-5km N	Heard	11	Explosion	Undetermined	N/K	11-Nov, 09:45-10:11
	2-5km N	Heard	49	Burst		Small arms	11-Nov, 09:45-10:11
Zolote (government-controlled, 60km W of Luhansk)	3-8km E	Heard	15	Explosion	Undetermined (Assessed as outside the disengagement area)	Artillery (type N/K)	11-Nov, 09:55-10:05
	3-5km E	Heard	16	Burst	Assessed as outside the disengagement area	HMG	11-Nov, 09:55-10:05
1.4km ESE of Novotoshkiivske (government-controlled, 53km W of Luhansk)	30-50m SW	Heard	1	Shot	Assessed as aimed at the SMM UAV	Small arms	11-Nov, 10:52
Krasnyi Lyman (non-government-controlled, 30km NW of Luhansk)	0.6-0.8km SE	Heard	1	Shot		Small arms	11-Nov, 11:49

Map of Donetsk and Luhansk regions²



²The 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).