

Table of ceasefire violations as of 17 October 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Recorded	5	Projectile	NE to SW	N/K	17-Oct, 18:10
	3-5km ESE	Recorded	2	Projectile	SW to NE	N/K	17-Oct, 18:11
	3-5km ESE	Recorded	1	Projectile	NE to SW	N/K	17-Oct, 18:12
	3-5km ESE	Recorded	1	Projectile	SE to NW	N/K	17-Oct, 18:13
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:15
	3-5km ESE	Recorded	1	Projectile	NE to SW	N/K	17-Oct, 18:15
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	17-Oct, 18:16
	3-5km ESE	Recorded	2	Projectile	SW to NE	N/K	17-Oct, 18:16
	3-5km ESE	Recorded	1	Projectile	NE to SW	N/K	17-Oct, 18:16
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:17
	3-5km ESE	Recorded	7	Projectile	NE to SW	N/K	17-Oct, 18:17
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:17
	3-5km ESE	Recorded	1	Projectile	NE to SW	N/K	17-Oct, 18:20
	3-5km ESE	Recorded	9	Explosion	Undetermined	N/K	17-Oct, 18:24
	3-5km ESE	Recorded	2	Projectile	NE to SW	N/K	17-Oct, 18:24
3-5km ESE	Recorded	1	Projectile	NE to SW	N/K	17-Oct, 18:25	
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	16-Oct, 23:00
	2-4km SE	Recorded	1	Muzzle flash		N/K	16-Oct, 23:00
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	16-Oct, 23:01
	2-4km SE	Recorded	1	Muzzle flash		N/K	16-Oct, 23:01
	2-4km SE	Recorded	1	Muzzle flash		N/K	17-Oct, 00:32
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	17-Oct, 00:32
	2-4km SE	Recorded	1	Muzzle flash		N/K	17-Oct, 00:34
	2-4km SE	Recorded	3	Projectile	SW to NE	N/K	17-Oct, 00:34
SMM camera in Chermalyk (government-controlled, 31km NE of Mariupol)	2-7km SSE	Recorded	16	Projectile	WSW to ENE	N/K	16-Oct, 18:40
	2-7km SSE	Recorded	23	Projectile	ENE to WSW	N/K	16-Oct, 18:49
	2-7km SSE	Recorded	6	Projectile	WSW to ENE	N/K	16-Oct, 18:49
	2-7km SSE	Recorded	6	Explosion	Undetermined	N/K	16-Oct, 18:49
	2-7km SSE	Recorded	14	Projectile	WSW to ENE	N/K	16-Oct, 18:50
	2-7km SSE	Recorded	7	Projectile	ENE to WSW	N/K	16-Oct, 18:50
	2-7km SSE	Recorded	2	Explosion	Undetermined	N/K	16-Oct, 18:50
	2-7km SSE	Recorded	4	Projectile	WSW to ENE	N/K	16-Oct, 18:51
	2-7km SSE	Recorded	3	Projectile	ENE to WSW	N/K	16-Oct, 18:51
	2-7km SSE	Recorded	5	Explosion	Undetermined	N/K	16-Oct, 18:51
	1-3km SSE	Recorded	3	Muzzle flash		N/K	16-Oct, 18:51
	2-7km SSE	Recorded	2	Projectile	ENE to WSW	N/K	16-Oct, 18:52
	2-7km SSE	Recorded	3	Projectile	WSW to ENE	N/K	16-Oct, 18:52
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	16-Oct, 18:54
	2-4km SSE	Recorded	2	Projectile	WNW to ESE	N/K	16-Oct, 18:54
	1-3km SSE	Recorded	2	Muzzle flash		N/K	16-Oct, 18:54
	2-4km SE	Recorded	8	Projectile	ENE to WSW	N/K	16-Oct, 18:55
	2-4km SE	Recorded	1	Projectile	ENE to WSW	N/K	16-Oct, 18:56
	2-4km SE	Recorded	2	Explosion	Undetermined	N/K	16-Oct, 18:56
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	16-Oct, 19:04
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Oct, 19:04
	3-5km SSE	Recorded	2	Explosion	Undetermined	N/K	16-Oct, 19:05
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	16-Oct, 19:06
	2-4km SE	Recorded	19	Projectile	In vertical flight	N/K	16-Oct, 19:18
	2-4km SSE	Recorded	2	Projectile	W to E	N/K	16-Oct, 21:12
	2-4km SSE	Recorded	6	Projectile	W to E	N/K	16-Oct, 21:28
	2-4km SSE	Recorded	5	Projectile	W to E	N/K	16-Oct, 22:08
	2-4km ESE	Recorded	3	Explosion	Undetermined	N/K	17-Oct, 18:12

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 SE	Recorded	4	Projectile	SW to NE	N/K	17-Oct, 18:18
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:20
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:21
	2-4km SE	Recorded	2	Explosion	Undetermined	N/K	17-Oct, 18:22
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:23
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:28
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:28
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SW	Recorded	1	Projectile	W to E	N/K	16-Oct, 18:39
	1-2km SSW	Recorded	5	Projectile	W to E	N/K	16-Oct, 19:13
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	16-Oct, 19:13
	1-2km SW	Recorded	1	Explosion	Undetermined	N/K	16-Oct, 19:21
	2-3km SSW	Recorded	5	Projectile	ENE to WSW	N/K	16-Oct, 20:14
	2-3km SSW	Recorded	1	Projectile	In vertical flight	N/K	16-Oct, 21:29
	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	16-Oct, 21:29
	2-3km SSW	Recorded	1	Illumination flare	SW to NE	N/K	16-Oct, 21:31
	2-3km SSW	Recorded	1	Explosion	Undetermined	N/K	16-Oct, 21:39
	1-2km SSW	Recorded	3	Projectile	WNW to ESE	N/K	16-Oct, 22:02
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	16-Oct, 22:06
	1-2km SSW	Recorded	1	Projectile	WNW to ESE	N/K	16-Oct, 22:07
	2-3km SSW	Recorded	1	Projectile	ESE to WNW	N/K	16-Oct, 22:08
	1-2km SSE	Recorded	1	Explosion	Undetermined	N/K	16-Oct, 22:12
	1-2km SSW	Recorded	15	Projectile	WNW to ESE	N/K	16-Oct, 22:14
	1-2km SSW	Recorded	1	Projectile	NNW to SSE	N/K	16-Oct, 22:14
	1-2km S	Recorded	12	Explosion	Undetermined	N/K	16-Oct, 22:17
	1-2km SSE	Recorded	5	Explosion	Undetermined	N/K	16-Oct, 22:17
	2-3km SSW	Recorded	1	Projectile	NW to SE	N/K	16-Oct, 22:26
	2-3km SSW	Recorded	1	Projectile	NW to SE	N/K	16-Oct, 22:36
	2-3km SSW	Recorded	1	Projectile	WNW to ESE	N/K	16-Oct, 22:36
	2-3km SW	Recorded	1	Projectile	W to E	N/K	16-Oct, 23:00
	1-2km S	Recorded	7	Projectile	NW to SE	N/K	17-Oct, 18:11
	1-2km SSW	Recorded	1	Projectile	SSE to NNW	N/K	17-Oct, 18:11
	0.5-1km S	Recorded	1	Projectile	WNW to ESE	N/K	17-Oct, 18:12
	1-2km SSW	Recorded	6	Projectile	WNW to ESE	N/K	17-Oct, 18:12
	1-2km SSW	Recorded	12	Projectile	WNW to ESE	N/K	17-Oct, 18:13
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:13
	1-2km S	Recorded	12	Projectile	WNW to ESE	N/K	17-Oct, 18:14
	0.5-1km SSW	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:15
	1-2km SSW	Recorded	3	Projectile	NW to SE	N/K	17-Oct, 18:15
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:15
	2-4km SSW	Recorded	3	Muzzle flash		N/K	17-Oct, 18:17
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:17
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:18
	1-2km S	Recorded	5	Projectile	NNW to SSE	N/K	17-Oct, 18:18
	0.5-1km SSW	Recorded	6	Projectile	S to N	N/K	17-Oct, 18:19
	0.5-1km SSW	Recorded	2	Projectile	S to N	N/K	17-Oct, 18:20
	0.5-1km SSW	Recorded	6	Projectile	S to N	N/K	17-Oct, 18:20
	0.5-1km SSW	Recorded	6	Projectile	S to N	N/K	17-Oct, 18:21
	0.5-1km SSW	Recorded	3	Projectile	S to N	N/K	17-Oct, 18:24
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:24
2-4km S	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:29	
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km E	Recorded	17	Projectile	N to S	N/K	16-Oct, 18:20
	3-5km E	Recorded	3	Projectile	N to S	N/K	16-Oct, 18:22
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	16-Oct, 18:51
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	16-Oct, 19:25
	3-5km ESE	Recorded	3	Projectile	NW to SE	N/K	16-Oct, 20:51
	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	16-Oct, 20:55
	3-5km ESE	Recorded	1	Projectile	NW to SE	N/K	16-Oct, 20:56
	3-5km ESE	Recorded	3	Projectile	SW to NE	N/K	16-Oct, 20:59
	3-5km ESE	Recorded	1	Projectile	NW to SE	N/K	16-Oct, 21:00
	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	16-Oct, 21:00
	3-5km ESE	Recorded	1	Projectile	NW to SE	N/K	16-Oct, 21:01
	3-5km ESE	Recorded	3	Projectile	SW to NE	N/K	16-Oct, 21:01
3-5km ESE	Recorded	3	Explosion	Undetermined	N/K	16-Oct, 21:01	

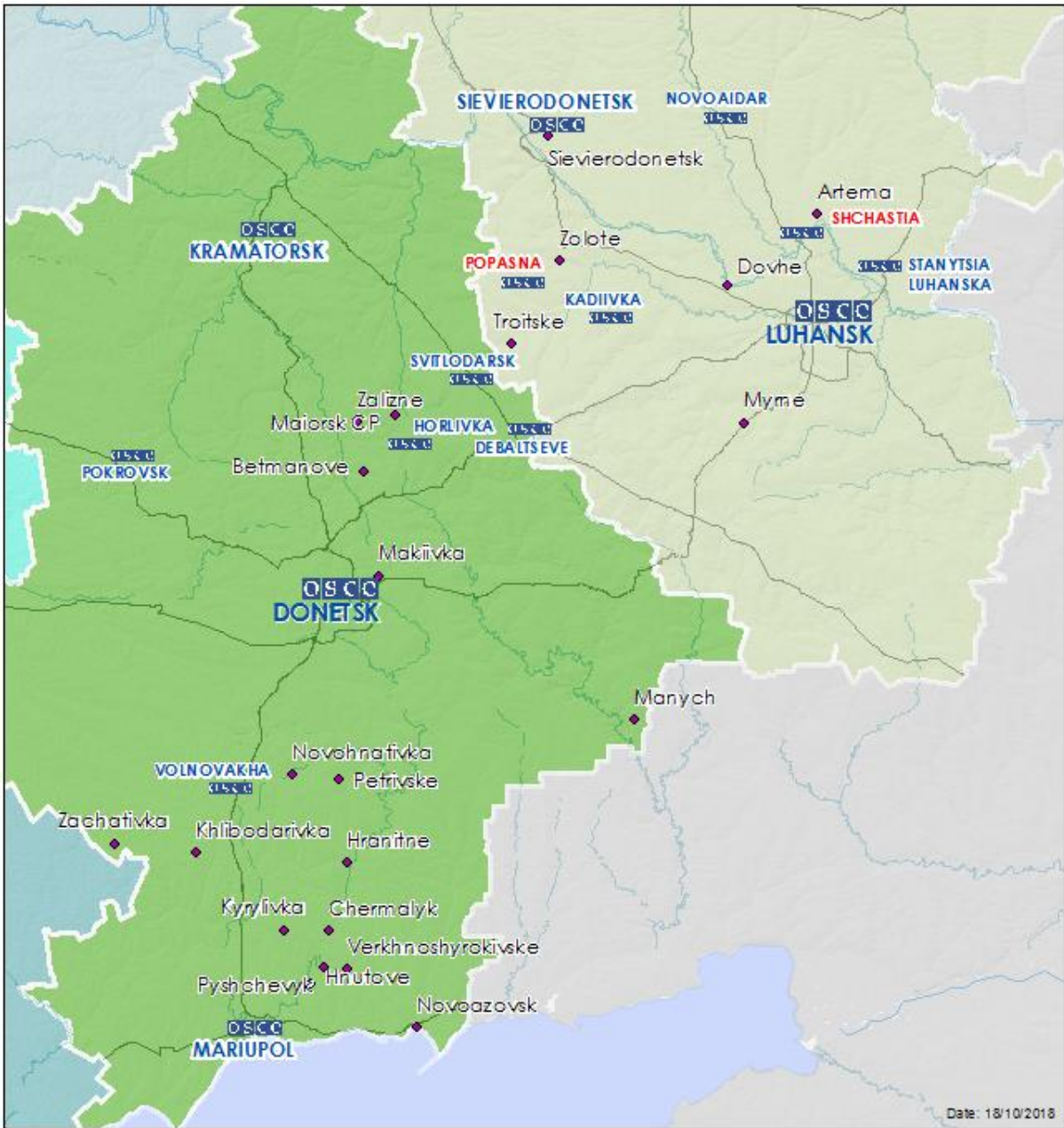
	3-5km ENE	Recorded	1	Projectile	NW to SE	N/K	16-Oct, 21:03
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	16-Oct, 21:06
	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	16-Oct, 21:06
	3-5km ESE	Recorded	7	Projectile	SW to NE	N/K	16-Oct, 21:10
	3-5km ESE	Recorded	14	Projectile	SW to NE	N/K	16-Oct, 21:12
	3-5km E	Recorded	2	Explosion	Undetermined	N/K	16-Oct, 21:13
	3-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	16-Oct, 21:32
	3-5km E	Recorded	11	Projectile	NW to SE	N/K	16-Oct, 21:38
	3-5km E	Recorded	1	Projectile	SW to NE	N/K	16-Oct, 22:09
	3-5km E	Recorded	1	Projectile	SW to NE	N/K	16-Oct, 22:10
	3-5km ENE	Recorded	1	Projectile	NW to SE	N/K	16-Oct, 22:34
	3-5km ENE	Recorded	1	Projectile	S to N	N/K	16-Oct, 22:34
	3-5km ESE	Recorded	6	Projectile	SW to NE	N/K	16-Oct, 23:43
	3-5km E	Recorded	3	Projectile	NW to SE	N/K	16-Oct, 23:50
	3-5km E	Recorded	13	Projectile	SW to NE	N/K	16-Oct, 23:50
	3-5km E	Recorded	18	Projectile	SW to NE	N/K	17-Oct, 00:06
	3-5km ESE	Recorded	6	Projectile	SW to NE	N/K	17-Oct, 00:17
	3-5km E	Recorded	13	Projectile	SW to NE	N/K	17-Oct, 00:22
	3-5km E	Recorded	9	Projectile	NW to SE	N/K	17-Oct, 00:33
	3-5km E	Recorded	1	Projectile	NW to SE	N/K	17-Oct, 00:44
	3-5km E	Recorded	5	Projectile	SW to NE	N/K	17-Oct, 00:54
	3-5km E	Recorded	1	Projectile	SW to NE	N/K	17-Oct, 01:01
	3-5km ENE	Recorded	2	Projectile	NW to SE	N/K	17-Oct, 01:10
	3-5km E	Recorded	4	Projectile	SW to NE	N/K	17-Oct, 01:15
	3-5km ENE	Recorded	15	Projectile	NW to SE	N/K	17-Oct, 01:17
	3-5km E	Recorded	1	Projectile	NW to SE	N/K	17-Oct, 01:18
	3-5km E	Recorded	12	Projectile	NW to SE	N/K	17-Oct, 01:20
	3-5km E	Recorded	7	Explosion	Undetermined	N/K	17-Oct, 01:20
	3-5km E	Recorded	5	Projectile	NW to SE	N/K	17-Oct, 01:21
	3-5km E	Recorded	6	Projectile	NW to SE	N/K	17-Oct, 01:22
	3-5km E	Recorded	18	Projectile	NW to SE	N/K	17-Oct, 01:23
	3-5km E	Recorded	6	Explosion	Undetermined	N/K	17-Oct, 01:23
	3-5km E	Recorded	4	Projectile	NW to SE	N/K	17-Oct, 01:24
	3-5km E	Recorded	14	Projectile	NW to SE	N/K	17-Oct, 01:29
	3-5km E	Recorded	14	Projectile	NW to SE	N/K	17-Oct, 01:33
	3-5km E	Recorded	5	Projectile	NW to SE	N/K	17-Oct, 01:34
	3-5km E	Recorded	4	Projectile	NW to SE	N/K	17-Oct, 01:35
	3-5km E	Recorded	7	Projectile	NW to SE	N/K	17-Oct, 01:36
	3-5km E	Recorded	3	Projectile	NW to SE	N/K	17-Oct, 01:40
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 01:51
	3-5km ESE	Recorded	3	Projectile	SW to NE	N/K	17-Oct, 01:51
	3-5km ESE	Recorded	22	Projectile	SW to NE	N/K	17-Oct, 01:59
	3-5km ESE	Recorded	19	Projectile	SW to NE	N/K	17-Oct, 02:03
	3-5km ESE	Recorded	8	Projectile	SW to NE	N/K	17-Oct, 02:04
	3-5km ENE	Recorded	16	Projectile	NW to SE	N/K	17-Oct, 02:10
	3-5km ENE	Recorded	7	Projectile	NW to SE	N/K	17-Oct, 02:13
	3-5km ENE	Recorded	16	Projectile	NW to SE	N/K	17-Oct, 02:15
	3-5km ENE	Recorded	5	Projectile	SW to NE	N/K	17-Oct, 02:15
	3-5km ENE	Recorded	12	Projectile	NW to SE	N/K	17-Oct, 02:18
	3-5km ENE	Recorded	14	Projectile	NW to SE	N/K	17-Oct, 02:19
	3-5km ENE	Recorded	16	Projectile	NW to SE	N/K	17-Oct, 02:22
	3-5km ENE	Recorded	7	Projectile	NW to SE	N/K	17-Oct, 02:24
	3-5km ENE	Recorded	17	Projectile	NW to SE	N/K	17-Oct, 02:25
	3-5km E	Recorded	3	Projectile	S to N	N/K	17-Oct, 02:35
	3-5km ESE	Recorded	14	Projectile	SW to NE	N/K	17-Oct, 05:42
	3-5km E	Recorded	22	Projectile	SW to NE	N/K	17-Oct, 05:43
	3-5km ESE	Recorded	20	Projectile	SW to NE	N/K	17-Oct, 05:44
	3-5km ESE	Recorded	3	Projectile	SW to NE	N/K	17-Oct, 05:45
	3-5km ESE	Recorded	12	Projectile	SW to NE	N/K	17-Oct, 05:46
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km ENE	Recorded	2	Projectile	NW to SE	N/K	16-Oct, 22:42
	2-4km NNE	Recorded	2	Explosion	Undetermined	N/K	16-Oct, 22:42
	2-4km ENE	Recorded	7	Projectile	In vertical flight	N/K	16-Oct, 22:43
	2-4km ENE	Recorded	1	Explosion	Airburst	N/K	16-Oct, 22:43

	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	16-Oct, 22:43
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:27
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 18:28
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km E	Recorded	1	Explosion	Undetermined	N/K	16-Oct, 02:05
	0.5-1km ESE	Recorded	1	Projectile	SE to NW	N/K	16-Oct, 21:45
	0.5-1km ESE	Recorded	3	Projectile	SE to NW	N/K	16-Oct, 21:47
	0.5-1km ESE	Recorded	1	Explosion	Undetermined	N/K	16-Oct, 21:47
	0.5-1km ESE	Recorded	1	Projectile	SE to NW	N/K	16-Oct, 22:13
	100m ENE	Recorded	1	Explosion	Impact	RPG-7 or SPG-9	16-Oct, 22:13
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-3km ENE	Recorded	8	Burst	N to S	N/K	16-Oct, 22:41
	2-4km NNE	Recorded	1	Projectile	E to W	N/K	16-Oct, 18:55
	2-4km NNE	Recorded	1	Projectile	In vertical flight	N/K	16-Oct, 19:01
	2-4km NNE	Recorded	4	Projectile	E to W	N/K	16-Oct, 19:42
	2-4km NNE	Recorded	10	Projectile	W to E	N/K	16-Oct, 20:47
	2-4km NNE	Recorded	34	Projectile	W to E	N/K	16-Oct, 20:48
	2-4km NNE	Recorded	5	Projectile	W to E	N/K	16-Oct, 20:49
	2-4km NNE	Recorded	2	Burst	W to E	N/K	16-Oct, 20:49
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km NNE	Recorded	2	Projectile	In vertical flight	N/K	16-Oct, 20:49
	2-4km NNE	Recorded	2	Projectile	In vertical flight	N/K	16-Oct, 20:49
	2-4km NNE	Recorded	9	Projectile	W to E	N/K	16-Oct, 20:50
	2-3km SSE	Recorded	2	Projectile	NE to SW	N/K	16-Oct, 20:56
	2-3km SSE	Recorded	5	Projectile	NE to SW	N/K	16-Oct, 21:40
	2-3km SSE	Recorded	3	Projectile	W to E	N/K	17-Oct, 03:51
	2-3km SSE	Recorded	1	Explosion	Undetermined	N/K	17-Oct, 03:55
	2-3km SSE	Recorded	4	Projectile	W to E	N/K	17-Oct, 03:59
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km SSE	Recorded	4	Explosion	Impact	N/K	17-Oct, 03:59
	2-3km SSE	Recorded	2	Projectile	W to E	N/K	17-Oct, 04:00
	2-3km SSE	Recorded	3	Projectile	E to W	N/K	17-Oct, 04:06
	2-3km S	Recorded	1	Burst	NE to SW	N/K	17-Oct, 05:46
	2-4km E	Recorded	28	Projectile	NW to SE	N/K	16-Oct, 20:22
	2-4km E	Recorded	13	Projectile	SW to NE	N/K	16-Oct, 20:22
	2-4km E	Recorded	4	Projectile	NW to SE	N/K	16-Oct, 20:23
	2-4km E	Recorded	5	Projectile	NW to SE	N/K	16-Oct, 20:24
Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km E	Recorded	1	Projectile	NW to SE	N/K	16-Oct, 20:29
	2-4km ESE	Recorded	1	Projectile	NW to SE	N/K	16-Oct, 20:41
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	17-Oct, 09:54
	2-3km ENE	Heard	1	Explosion	Undetermined	N/K	17-Oct, 09:54
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-4km SE	Heard	12	Burst		Small arms	17-Oct, 10:03-10:04
	2-4km SE	Heard	1	Explosion	Undetermined	N/K	17-Oct, 10:09
	2-4km S	Heard	5	Explosion	Undetermined	N/K	17-Oct, 10:56
	2-4km SE	Heard	1	Explosion	Undetermined	N/K	17-Oct, 13:59
	2-4km SE	Heard	1	Explosion	Undetermined	N/K	17-Oct, 14:03
	2-4km E	Heard	2	Explosion	Undetermined	N/K	17-Oct, 14:10
1.1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-4km SE	Heard	1	Explosion	Undetermined	N/K	17-Oct, 14:11
	2-3km N	Heard	7	Shot		Small arms	17-Oct, 10:53
	3-4km SW	Heard	3	Explosion	Undetermined	N/K	17-Oct, 10:58
	4-6km NNW	Heard	1	Explosion	Undetermined	N/K	17-Oct, 11:20
	2-4km SE	Heard	6	Explosion	Undetermined	N/K	17-Oct, 11:40-11:44
	2km W	Heard	2	Shot		Small arms	17-Oct, 11:45
	2km SW	Heard	1	Shot		Small arms	17-Oct, 11:47
	2-4km SW	Heard and saw	2	Explosion	Undetermined	N/K	17-Oct, 13:48
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	17-Oct, 13:51
	2-4km SW	Heard	2	Explosion	Undetermined	N/K	17-Oct, 14:00
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	17-Oct, 14:06
	2km W	Heard	1	Shot		Small arms	17-Oct, 14:10
	5-6km W	Heard	1	Explosion	Undetermined	N/K	17-Oct, 14:11
	2-4km SW	Heard and saw	1	Explosion	Undetermined	N/K	17-Oct, 14:12
3-5km NW	Heard	1	Explosion	Undetermined	N/K	17-Oct, 14:53	

Marinka (government-controlled, 23km SW of Donetsk)	1-2km E	Heard	1	Explosion	Undetermined	N/K	17-Oct, 12:42
	1-2km E	Heard	2	Explosion	Undetermined	N/K	17-Oct, 12:52
1km NNW of entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	N/K SSE	Heard	2	Explosion	Undetermined	N/K	17-Oct, 09:46-09:48
	N/K SSE	Heard	1	Explosion	Undetermined	N/K	17-Oct, 10:58
	N/K SSE	Heard	5	Shot	Undetermined	Small arms	17-Oct, 10:58
	N/K SSE	Heard	2	Shot	Undetermined	Small arms	17-Oct, 11:55-11:57
	N/K NNE	Heard	2	Shot	Undetermined	Small arms	17-Oct, 11:55-11:57
2km SW of Pyshevyk (government-controlled, 25km NE of Mariupol)	N/K NNE	Heard	2	Explosion	Undetermined	N/K	17-Oct, 09:40-09:50
	N/K SSE	Heard	5	Explosion	Undetermined	N/K	17-Oct, 09:40-09:50
	N/K NNE	Heard	1	Explosion	Undetermined	N/K	17-Oct, 09:50-10:00
	N/K SSE	Heard	2	Explosion	Undetermined	N/K	17-Oct, 09:50-10:00
	N/K SE	Heard	1	Explosion	Impact	N/K	17-Oct, 09:50-10:00
	N/K SSE	Heard	2	Explosion	Undetermined	N/K	17-Oct, 10:04-10:10
	N/K SE	Heard	1	Explosion	Undetermined	N/K	17-Oct, 10:04-10:10
	N/K E	Heard	1	Explosion	Undetermined	N/K	17-Oct, 10:26
5km SW of Chermalyk (government-controlled, 31km NE of Mariupol)	N/K E	Heard	5	Shot	Undetermined	Small arms	17-Oct, 12:13-12:15
	N/K E	Heard	3	Shot	Undetermined	Small arms	17-Oct, 12:21-12:30
	N/K E	Heard	1	Explosion	Undetermined	N/K	17-Oct, 12:21-12:30
	N/K SE	Heard	30	Shot	Undetermined	Small arms	17-Oct, 12:54-12:56
Sopyne (government-controlled, 16km E of Mariupol)	N/K NNE	Heard	15	Burst	Undetermined	Small arms	17-Oct, 13:49-13:52
	N/K NE	Heard	7	Burst	Undetermined	Small arms	17-Oct, 13:48-13:52
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km NW	Heard	2	Shot		Small arms	16-Oct, 19:05-19:06
	5-7km W	Heard	3	Burst		Small arms	16-Oct, 19:18-19:22
	5-7km W	Heard	1	Burst		Small arms	16-Oct, 19:48-19:50
	5-7km NW	Heard	3	Burst		Small arms	16-Oct, 21:17-21:20
	5-7km W	Heard	1	Burst		HMG	17-Oct, 03:19-03:20
NW edge of Horlivka (non-government-controlled, 39km NE of Donetsk)	2-3km SE	Heard	7	Burst		HMG	17-Oct, 10:45
	4-6km SSW	Heard	1	Explosion	Undetermined	N/K	17-Oct, 11:19
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SW	Heard	18	Explosion	Undetermined	N/K	16-Oct, 18:00-18:45
	3-4km SW	Heard	8	Explosion	Undetermined	N/K	16-Oct, 18:53-18:59
	3-4km SW	Heard	15	Explosion	Undetermined	N/K	16-Oct, 19:10-19:28
	3-4km SW	Heard	17	Explosion	Undetermined	N/K	16-Oct, 19:30-19:39
	3-4km SW	Heard	15	Burst		HMG	16-Oct, 19:30-19:39
	3-4km SW	Heard	8	Explosion	Undetermined	N/K	16-Oct, 19:43-19:45
	4-5km NE	Heard	9	Explosion	Undetermined	N/K	16-Oct, 19:50-

							19:56
	3-4km SW	Heard	8	Explosion	Undetermined	N/K	16-Oct, 21:03-21:12
	3-4km SW	Heard	8	Explosion	Undetermined	N/K	16-Oct, 22:08-22:14
	3-4km S	Heard	2	Explosion	Undetermined	N/K	16-Oct, 22:38-22:39
	3-4km SSW	Heard	5	Burst		HMG	16-Oct, 22:39-22:40
	2-3km SW	Heard	18	Burst		Small arms	16-Oct, 23:36-23:48
E edge of Kamianka (government-controlled, 20km N of Donetsk)	1km E	Heard	5	Shot		Small arms	17-Oct, 09:01
	1km E	Heard	8	Shot		Small arms	17-Oct, 09:07
	1km SE	Heard	1	Shot		Small arms	17-Oct, 09:24
	1km SE	Heard	5	Burst		Small arms	17-Oct, 09:39
	1-2km SE	Heard	9	Shot		Small arms	17-Oct, 10:15
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	17-Oct, 11:20
1.6km SSE of Kamianka (government-controlled, 20km N of Donetsk)	1-2km E	Heard	10	Shot		Small arms	17-Oct, 13:29
	1-2km E	Heard	5	Burst		Small arms	17-Oct, 13:30
2km WSW of Zalizne (government-controlled, 42km NE of Donetsk)	2-3km SE	Heard	5	Burst		Small arms	17-Oct, 10:20
	4-6km S	Heard	1	Explosion	Undetermined	N/K	17-Oct, 11:19
Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km SE	Heard	1	Explosion	Undetermined	N/K	17-Oct, 11:11
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	4-5km SW	Heard	6	Shot	Assessed as outside the disengagement area	Small arms	17-Oct, 02:16
Sievierodonetsk (government-controlled, 74km NW of Luhansk)	4-8km NW	Heard	3	Explosion	Undetermined	N/K	17-Oct, 08:47-08:58
Kriakivka (government-controlled, 38km NW of Luhansk)	6-9km NE	Heard	2	Explosion	Undetermined	N/K	17-Oct, 12:15-12:19
Zolote-4/Rodina (government-controlled, 59km W of Luhansk)	8-12km ESE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	17-Oct, 11:13-11:17
	0.6-1.5km ENE	Heard	12	Burst	Assessed as outside the disengagement area	Small arms	17-Oct, 12:03-12:07
	0.6-1.5km ENE	Heard	4	Shot	Assessed as outside the disengagement area	Small arms	17-Oct, 12:03-12:07
SE edge of Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk)	0.5-1km N	Heard	8	Shot	Assessed as outside the disengagement area	Small arms	17-Oct, 13:09

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).